

G 6300 413

Replace

C-6225519

Repair Inquiry

Repair Number: RE00120763

Serial: G6300613 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

New 11/27/2006 12:48:32 PM

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

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
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

nagletj

11/27/2006

1:30 PM

CAPS

NUM

INS

SCRL

Serial Number:

G6300613

Model: M24 SWS



RE00120763

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300613.___0

FILE DATE AND TIME: 12/16/2006 06:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.077
The Average Y Centroid of the Five Target Set:	-0.083
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.686
The Distance from POA to Centroid Target #1:	0.324
The Distance from Centroid Target #2 to Centroid Target #1:	0.218
The Distance from Centroid Target #3 to Centroid Target #1:	0.290
The Distance from Centroid Target #4 to Centroid Target #1:	0.339
The Distance from Centroid Target #5 to Centroid Target #1:	0.402

SERIAL NUMBER: G6300613. __0

TARGET NUMBER: 1

FILE DATE: 12/16/2006

FILE TIME: 06:00

X CENTROID: -0.320

Y CENTROID: -0.056

POA TO CENTROID: 0.324

HORZ SPREAD: 4.836

VERT SPREAD: 1.508

GROUP SPREAD: 4.891

MIN RADIUS: 0.155

MAX RADIUS: 3.256

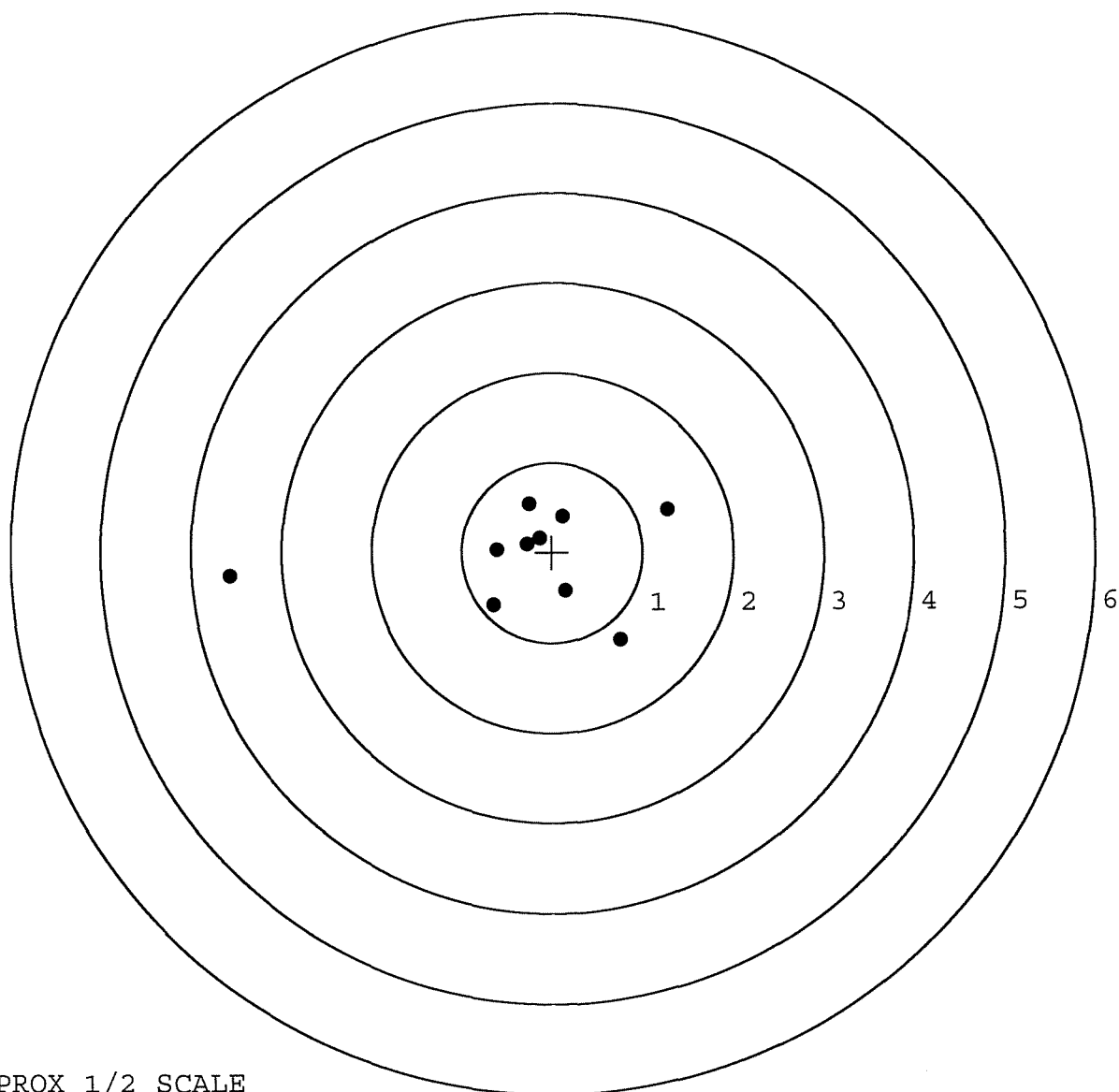
MEAN RADIUS: 0.952

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.267	0.469
2:	0.759	-0.972
3:	0.153	-0.427
4:	-0.648	-0.581
5:	-0.607	0.028
6:	-0.254	0.536
7:	0.118	0.396
8:	-0.277	0.093
9:	-0.137	0.158
10:	-3.569	-0.262



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300613. __0

TARGET NUMBER: 2

FILE DATE: 12/16/2006

FILE TIME: 06:00

X CENTROID: -0.104

Y CENTROID: -0.026

POA TO CENTROID: 0.107

HORZ SPREAD: 1.106

VERT SPREAD: 2.816

GROUP SPREAD: 2.818

MIN RADIUS: 0.173

MAX RADIUS: 1.610

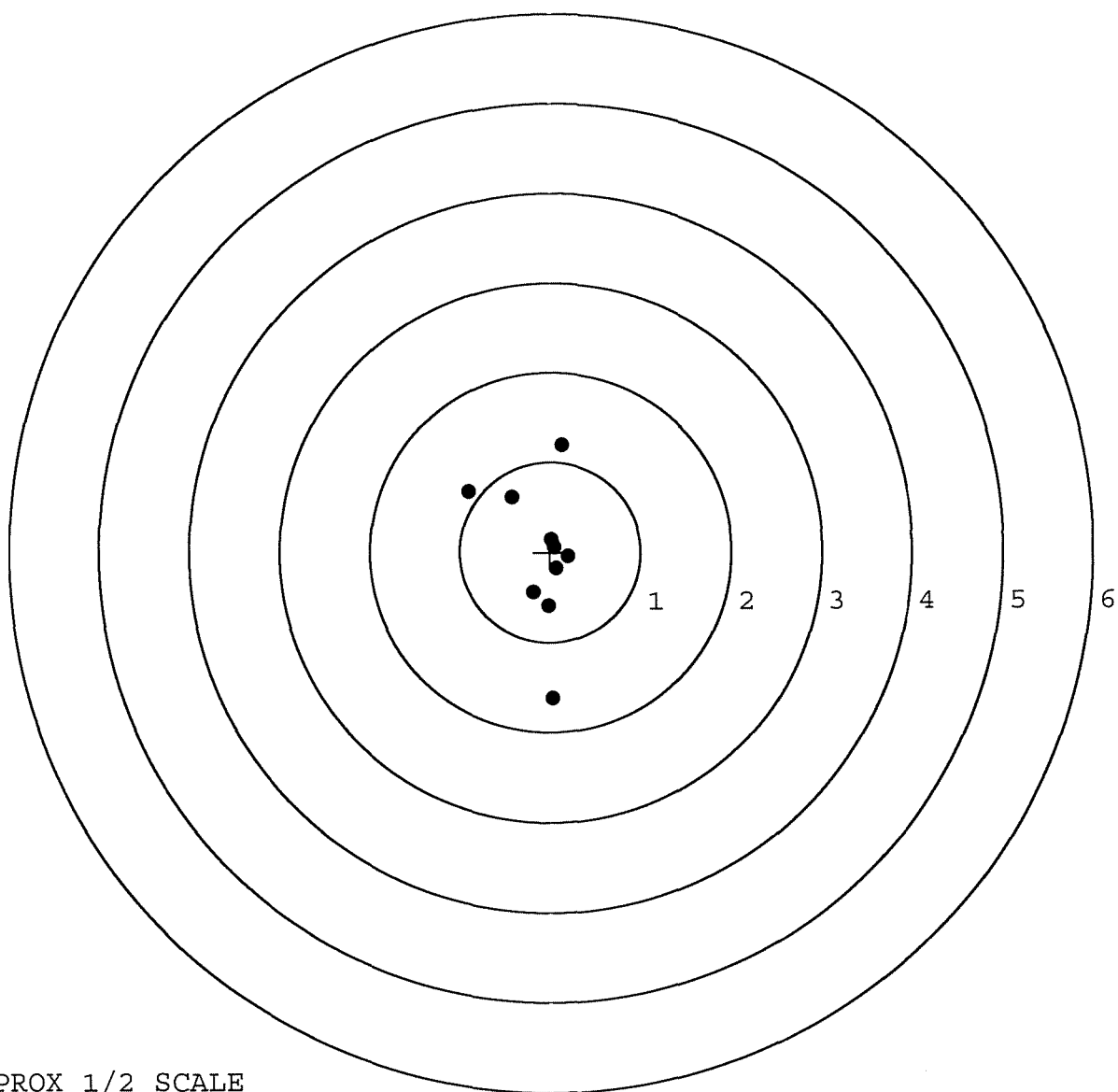
MEAN RADIUS: 0.656

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.028	-1.631
2:	-0.026	-0.604
3:	-0.188	-0.452
4:	0.072	-0.186
5:	0.203	-0.050
6:	0.015	0.144
7:	0.138	1.185
8:	-0.425	0.607
9:	-0.903	0.672
10:	0.050	0.054



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300613. __0

TARGET NUMBER: 3

FILE DATE: 12/16/2006

FILE TIME: 06:00

X CENTROID: -0.035

Y CENTROID: -0.110

POA TO CENTROID: 0.115

HORZ SPREAD: 1.431

VERT SPREAD: 2.031

GROUP SPREAD: 2.221

MIN RADIUS: 0.312

MAX RADIUS: 1.250

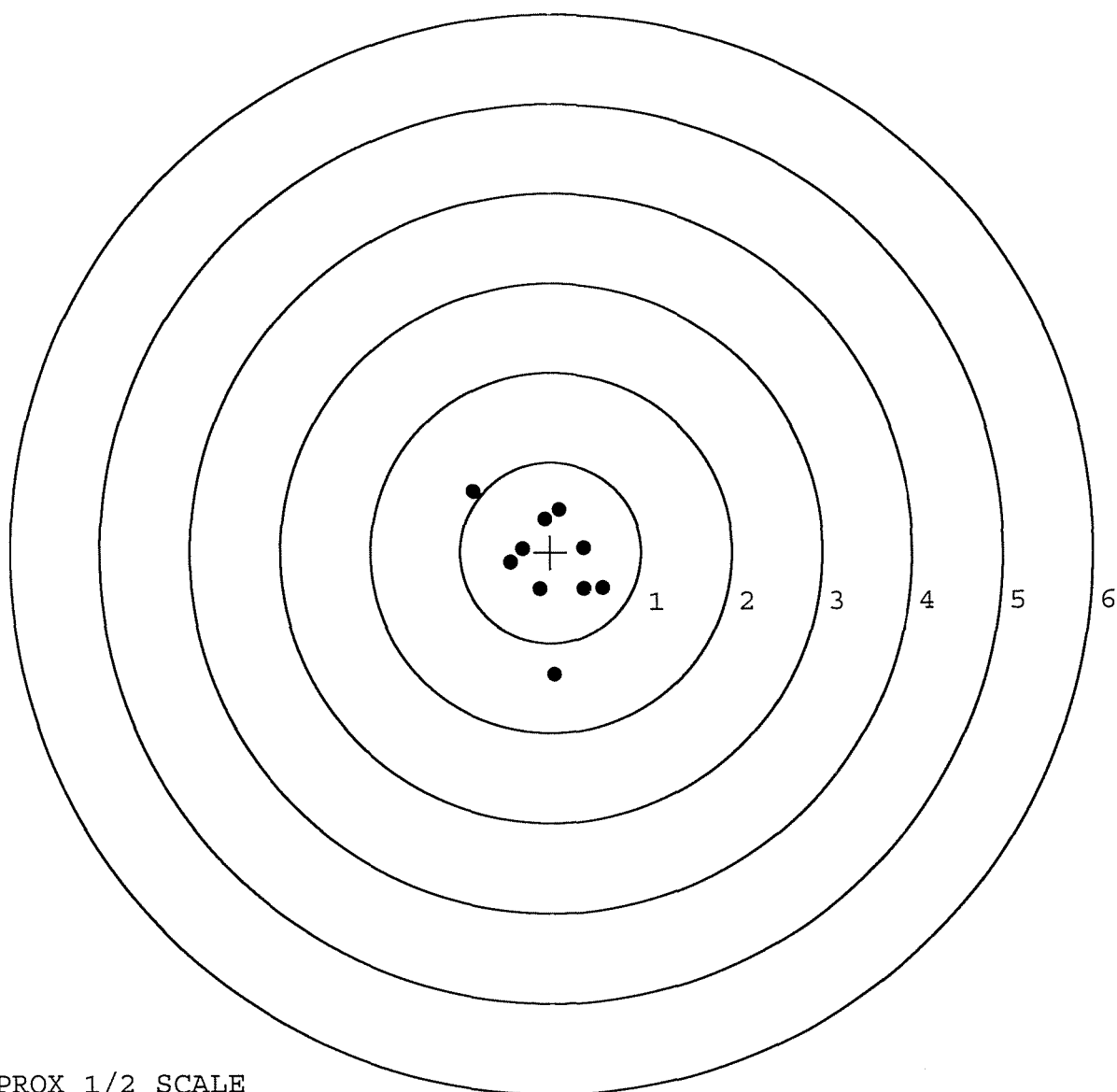
MEAN RADIUS: 0.610

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.044	-1.357
2:	0.577	-0.397
3:	0.370	-0.405
4:	0.370	0.051
5:	-0.121	-0.410
6:	-0.854	0.674
7:	0.094	0.468
8:	-0.070	0.361
9:	-0.446	-0.116
10:	-0.311	0.035



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300613. __0

TARGET NUMBER: 4

FILE DATE: 12/16/2006

FILE TIME: 06:00

X CENTROID: 0.017

Y CENTROID: -0.019

POA TO CENTROID: 0.025

HORZ SPREAD: 2.373

VERT SPREAD: 1.783

GROUP SPREAD: 2.397

MIN RADIUS: 0.251

MAX RADIUS: 1.327

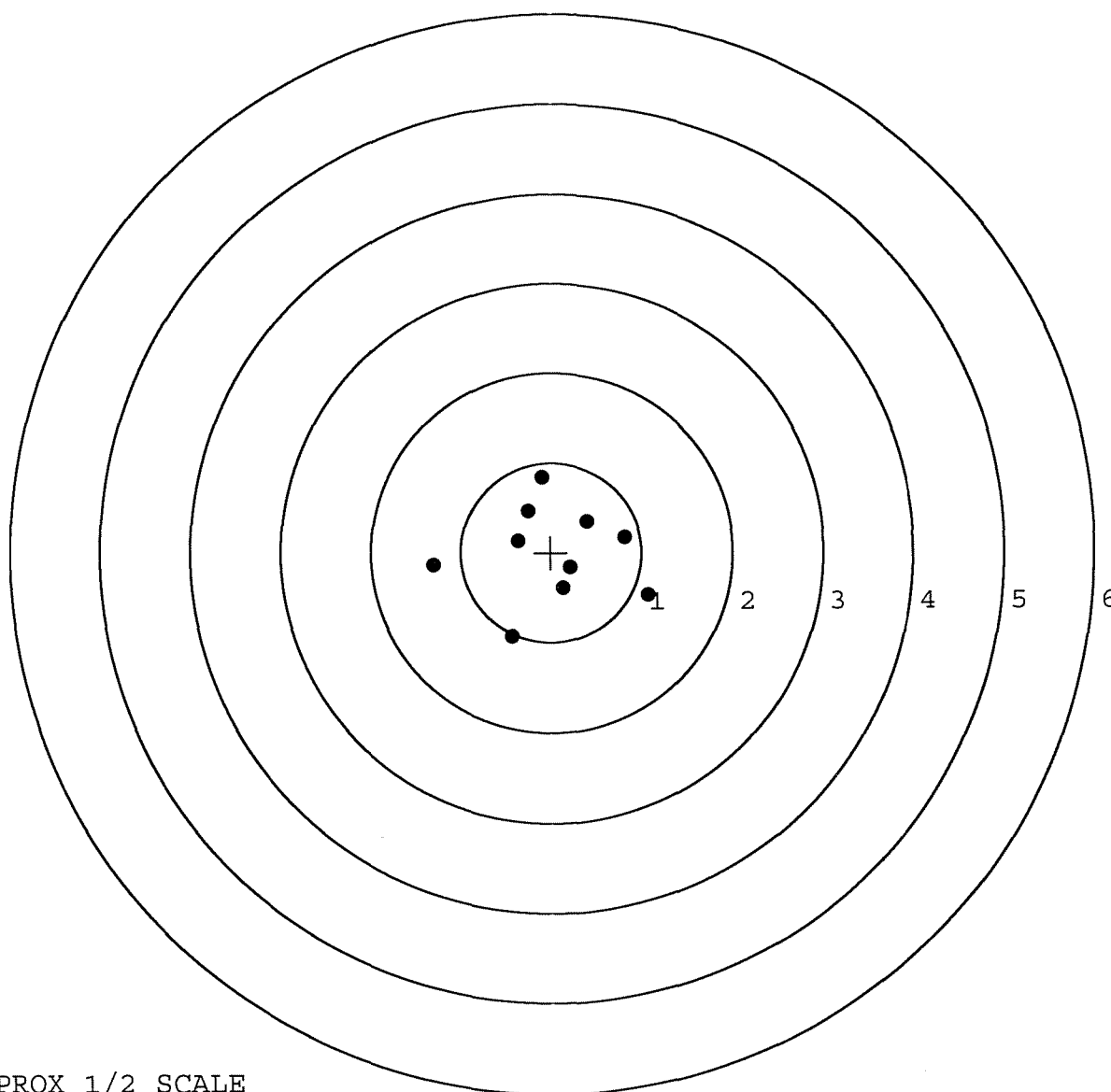
MEAN RADIUS: 0.734

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.304	-0.142
2:	-0.429	-0.944
3:	1.069	-0.481
4:	0.135	-0.406
5:	0.216	-0.172
6:	0.817	0.173
7:	0.396	0.351
8:	-0.105	0.839
9:	-0.260	0.465
10:	-0.365	0.130

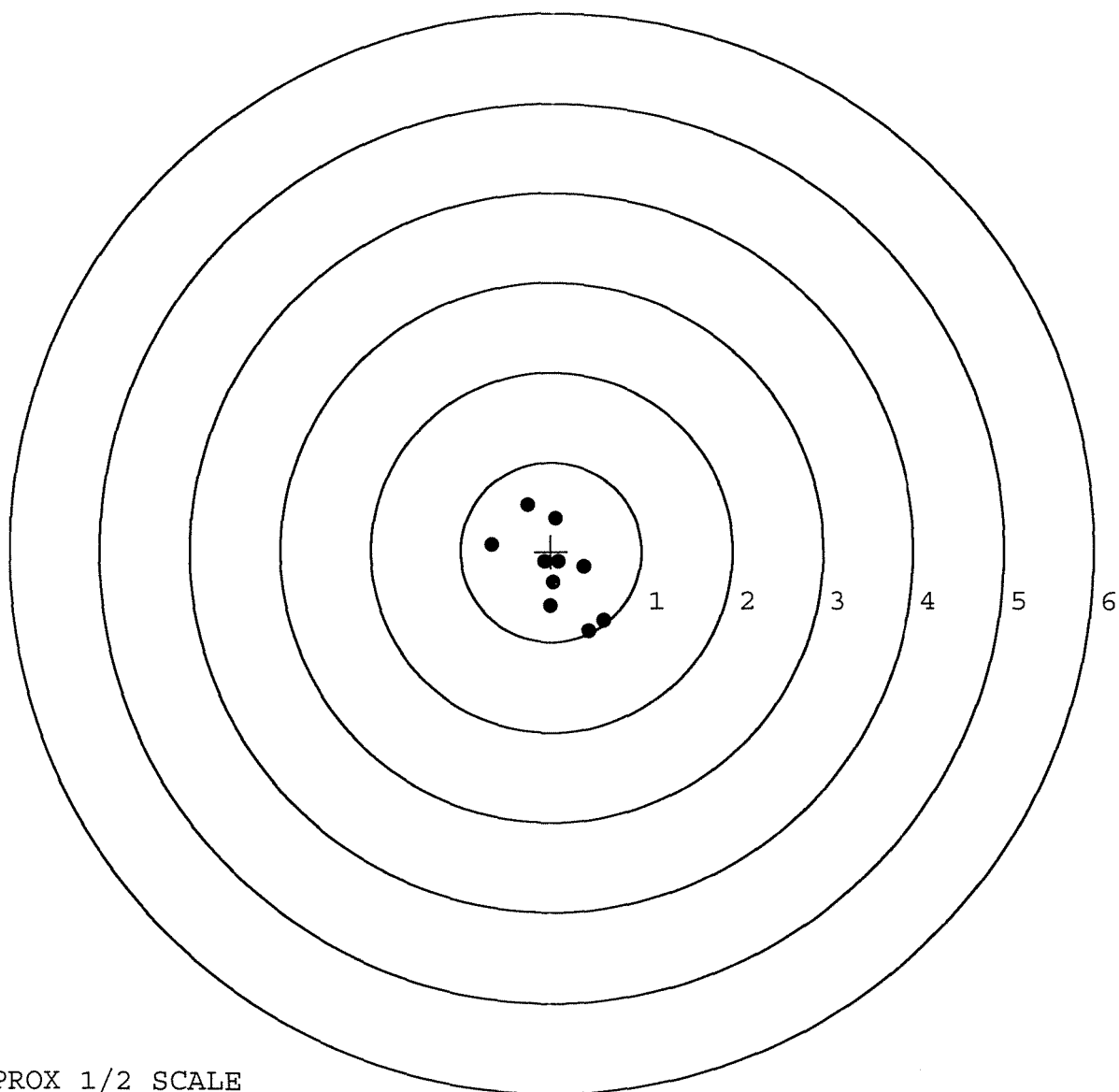


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300613. __0
TARGET NUMBER: 5
FILE DATE: 12/16/2006
FILE TIME: 06:00

X CENTROID: 0.054
Y CENTROID: -0.206
POA TO CENTROID: 0.213
HORZ SPREAD: 1.252
VERT SPREAD: 1.400
GROUP SPREAD: 1.559
MIN RADIUS: 0.097
MAX RADIUS: 0.787
MEAN RADIUS: 0.480
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.264	0.514
2:	-0.659	0.069
3:	0.049	0.371
4:	0.593	-0.769
5:	0.423	-0.886
6:	-0.013	-0.611
7:	0.033	-0.347
8:	0.363	-0.168
9:	-0.074	-0.116
10:	0.086	-0.114



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

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

R & E NUMBER	120763		
SERIAL NUMBER	G6300613		
LOG-IN DATE	11-27-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-29-06	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	12-4-06	TRW
470	DIS-ASSEMBLE GUN	DEC 05 2006 12-4-06	BLC
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	SD
530 & 540	APPLY COATINGS	12-7-06	FB
560	FINAL ASSEMBLY	12-14-06	RTZ
640	FUNCTION TEST AND	PASS FAIL 12-15-06	TRW
650	TARGET	PASS FAIL 12-15-06	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	12-15-06 WR
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL 12-18-06	BLC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.79 2.77 2.73 2.70 2.85	12-16-06 OA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 6.2 6.2 6.2	12-16-06 OA
	G) SAFETY OFF FORCE	2 LBS MIN 2.2 2.2 2.2	12-16-06 OA
	I) FIRING PIN INDENT	.020 .022 .023 .023	12-16-06 OA
690	PACK		12-19-06 OA

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

BARREL

RECEIVER

FRONT SIGHT BASE

REAR SIGHT BASE

SCREWS

FINISH

STOCK ASSEMBLY

STOCK

SLING SWIVEL STUDS

BUTT PATE

LOCK NUTS

BARREL CLEARANCE

COLOR / FINISH

SCOPE ASSEMBLY

SCOPE

SCOPE RINGS

MOUNTING SCREWS

MOUNTING BASE

SCREWS

FINISH

CLARITY

SYSTEM CASE

SCOPE CASE

IRON SIGHTS

DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION

RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Number: **RE00079559** Serial: C6225519 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 4/2/2004 12:53:56 PM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: B CO 1/7 SFG A B CO 1/7 SFG A

Address 1: Address 2: PO Box: 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

Phone: Fax: Email: Comments:

Received Condition

Fair

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3
X001	Deployment Kit	1

Repair Search Refresh Close

nagleyj 4/2/2004 2:03 PM CAPS NUM INE SCRL

start 4 3

G6300 613 (New)

Serial Number: **C6225519**

Model: **M24 SWS**



RE00079559

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300613.___0
FILE DATE AND TIME: 04/20/2004 06:47

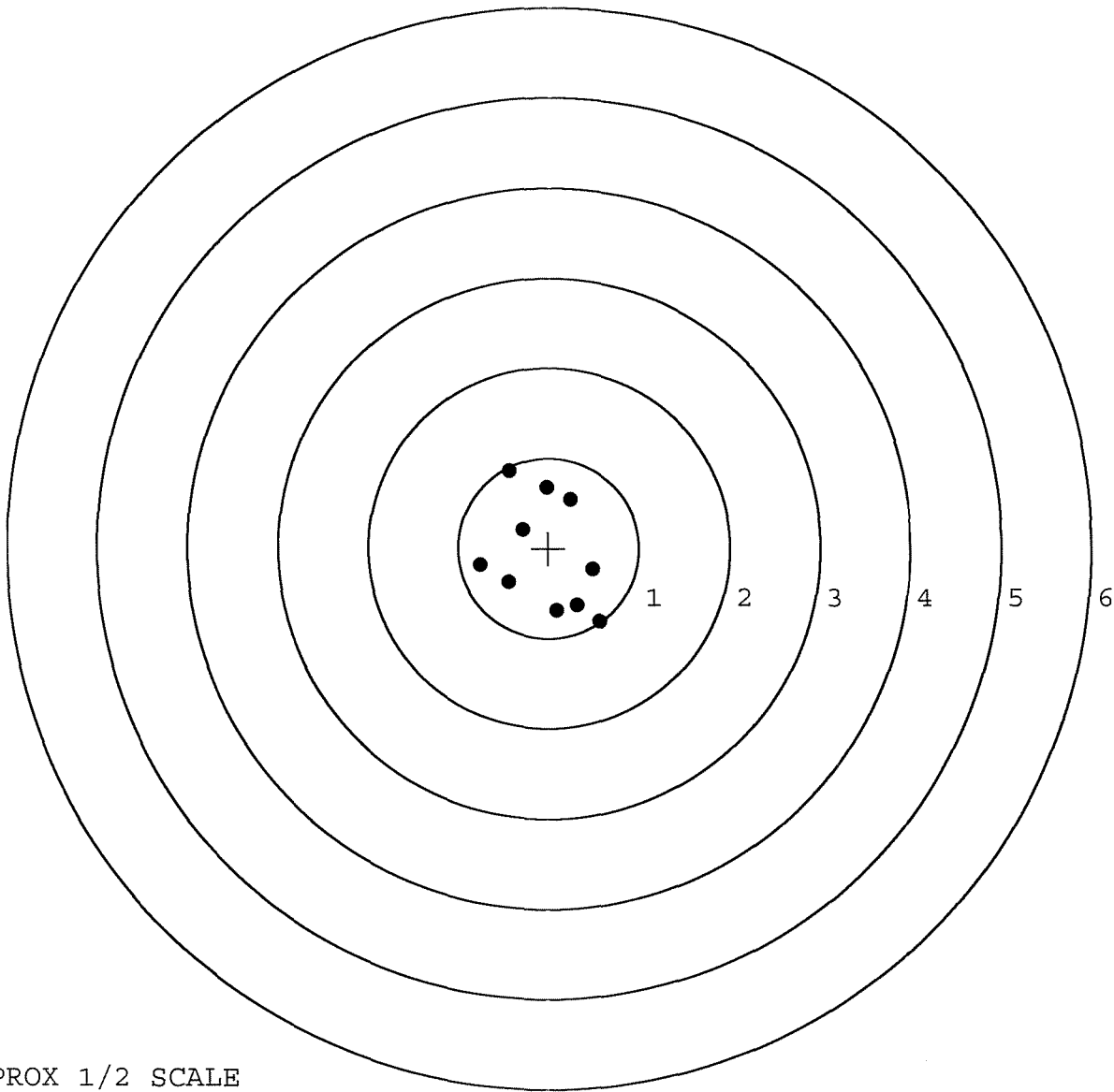
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.096
The Average Y Centroid of the Five Target Set:	-0.117
The Average Point of Impact of the Five Target Set:	0.151
The Average Mean Radius of the Five Target Set:	0.728
The Distance from POA to Centroid Target #1:	0.071
The Distance from Centroid Target #2 to Centroid Target #1:	0.232
The Distance from Centroid Target #3 to Centroid Target #1:	0.224
The Distance from Centroid Target #4 to Centroid Target #1:	0.156
The Distance from Centroid Target #5 to Centroid Target #1:	0.040

SERIAL NUMBER: G6300613. __0
TARGET NUMBER: 1
FILE DATE: 04/20/2004
FILE TIME: 06:47

X CENTROID: -0.022
Y CENTROID: -0.068
POA TO CENTROID: 0.071
HORZ SPREAD: 1.332
VERT SPREAD: 1.674
GROUP SPREAD: 1.957
MIN RADIUS: 0.379
MAX RADIUS: 1.014
MEAN RADIUS: 0.688
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.573	-0.818
2:	0.095	-0.696
3:	0.324	-0.635
4:	0.490	-0.240
5:	-0.441	-0.385
6:	-0.759	-0.187
7:	-0.284	0.205
8:	0.246	0.542
9:	-0.021	0.677
10:	-0.440	0.856

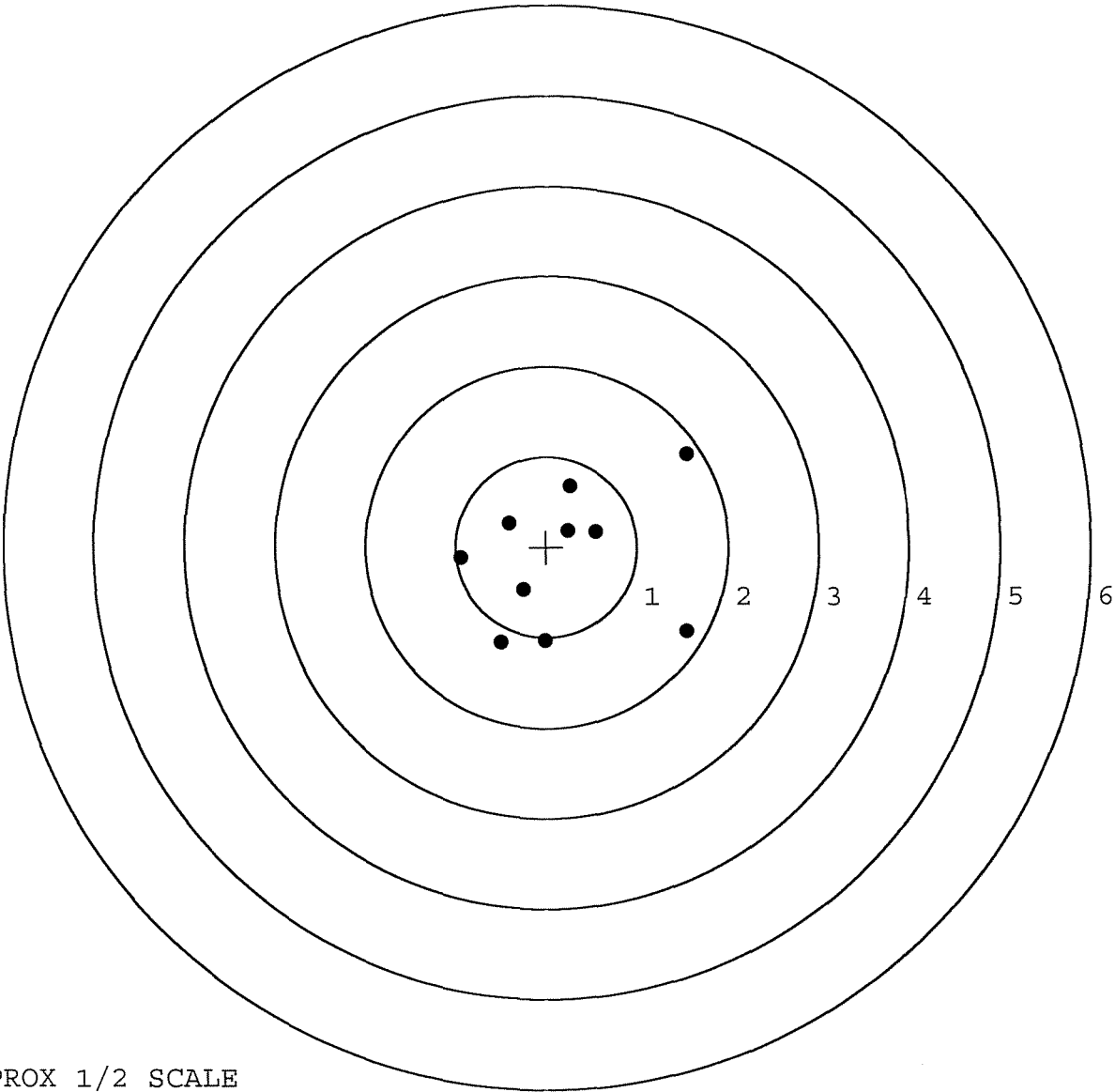


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300613. 0
TARGET NUMBER: 2
FILE DATE: 04/20/2004
FILE TIME: 06:47

POINT#	X	Y
1:	-0.017	-1.045
2:	-0.505	-1.060
3:	-0.255	-0.475
4:	-0.940	-0.126
5:	-0.410	0.261
6:	0.241	0.184
7:	0.549	0.172
8:	0.262	0.676
9:	1.545	1.033
10:	1.543	-0.937

X CENTROID: 0.201
Y CENTROID: -0.132
POA TO CENTROID: 0.241
HORZ SPREAD: 2.485
VERT SPREAD: 2.093
GROUP SPREAD: 2.930
MIN RADIUS: 0.318
MAX RADIUS: 1.778
MEAN RADIUS: 0.948
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300613. __0

TARGET NUMBER: 3

FILE DATE: 04/20/2004

FILE TIME: 06:47

X CENTROID: 0.180

Y CENTROID: -0.165

POA TO CENTROID: 0.245

HORZ SPREAD: 1.444

VERT SPREAD: 1.216

GROUP SPREAD: 1.641

MIN RADIUS: 0.155

MAX RADIUS: 1.138

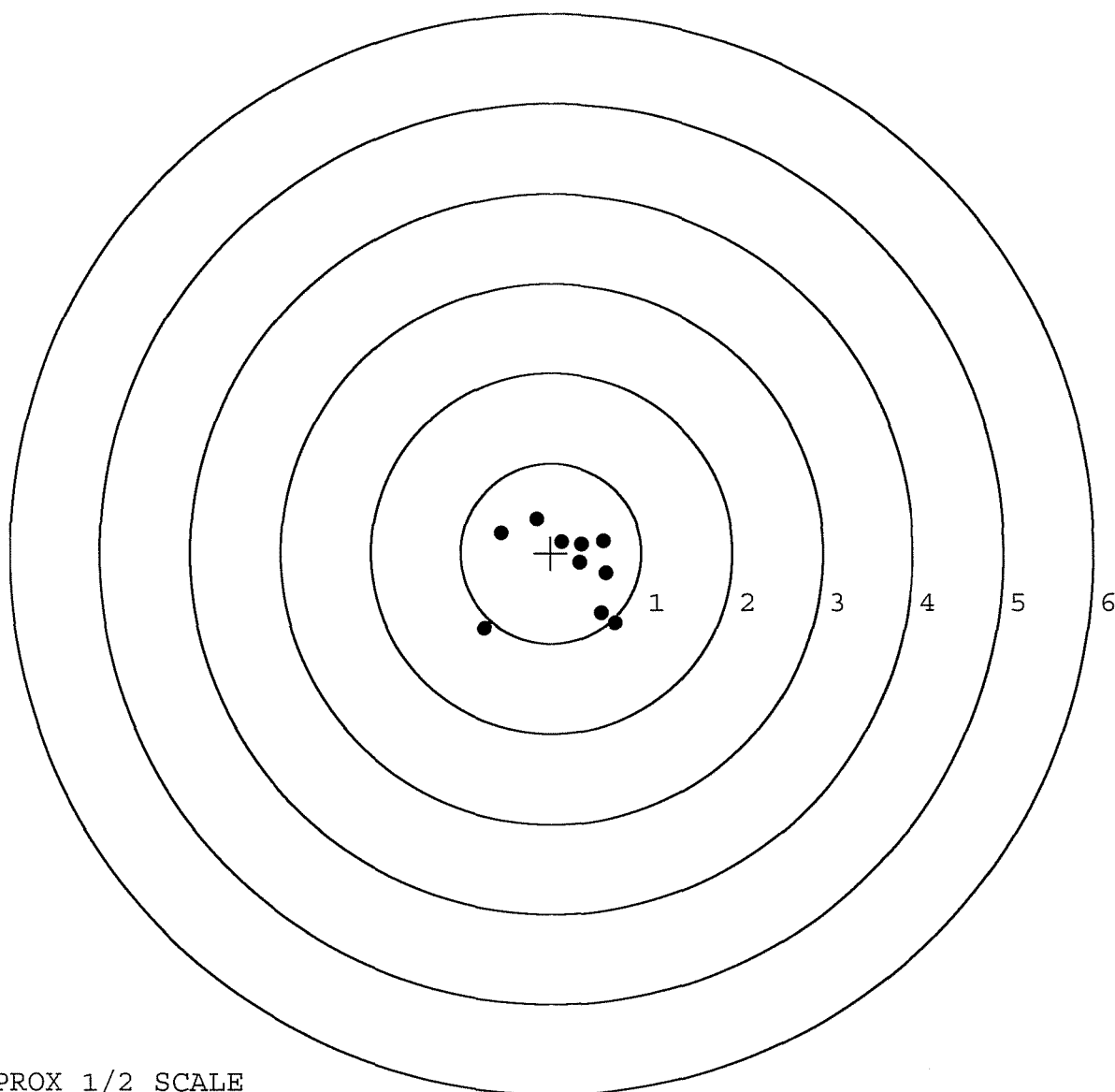
MEAN RADIUS: 0.574

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.558	-0.664
2:	0.708	-0.776
3:	-0.736	-0.839
4:	-0.549	0.223
5:	-0.165	0.377
6:	0.613	-0.221
7:	0.326	-0.113
8:	0.586	0.134
9:	0.123	0.125
10:	0.341	0.102

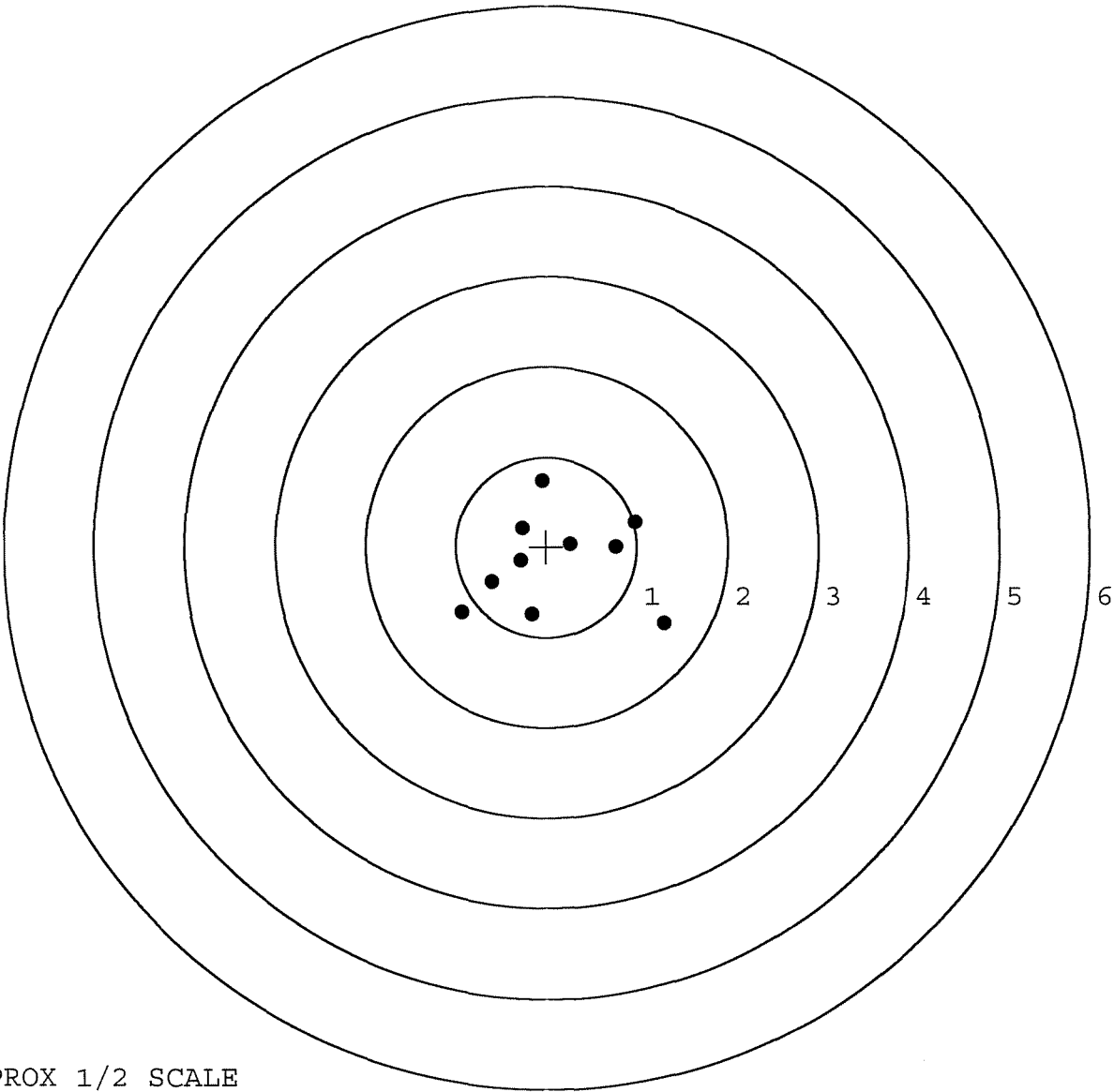


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300613. __0
TARGET NUMBER: 4
FILE DATE: 04/20/2004
FILE TIME: 06:47

X CENTROID: 0.102
Y CENTROID: -0.162
POA TO CENTROID: 0.192
HORZ SPREAD: 2.239
VERT SPREAD: 1.586
GROUP SPREAD: 2.242
MIN RADIUS: 0.259
MAX RADIUS: 1.381
MEAN RADIUS: 0.771
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.300	-0.850
2:	0.772	-0.002
3:	0.983	0.278
4:	0.273	0.032
5:	-0.164	-0.750
6:	-0.047	0.736
7:	-0.266	0.209
8:	-0.286	-0.157
9:	-0.605	-0.387
10:	-0.939	-0.733

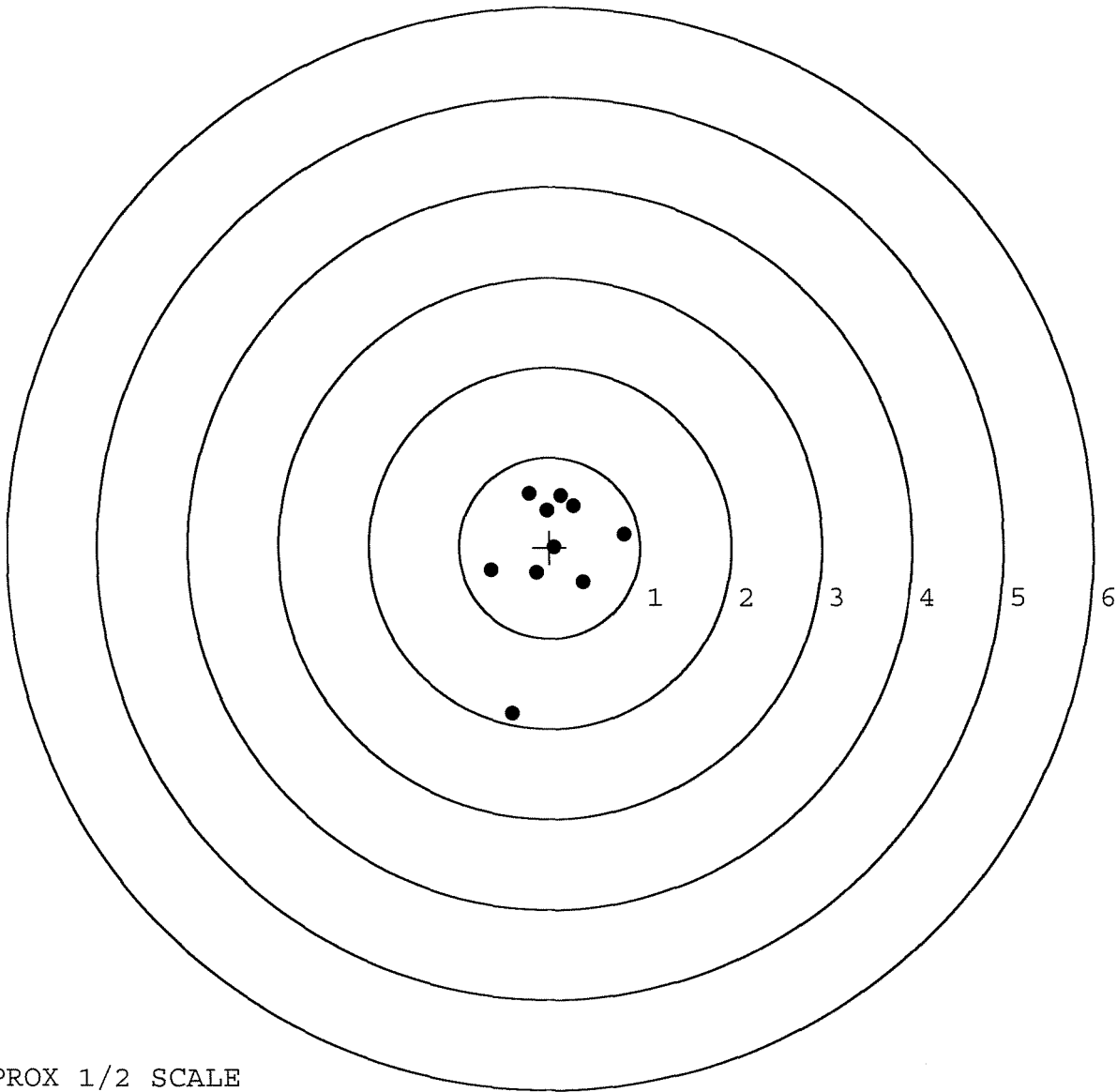


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300613. __0
TARGET NUMBER: 5
FILE DATE: 04/20/2004
FILE TIME: 06:47

X CENTROID: 0.017
Y CENTROID: -0.057
POA TO CENTROID: 0.060
HORZ SPREAD: 1.473
VERT SPREAD: 2.432
GROUP SPREAD: 2.472
MIN RADIUS: 0.060
MAX RADIUS: 1.831
MEAN RADIUS: 0.657
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.410	-1.838
2:	0.379	-0.386
3:	0.826	0.151
4:	-0.150	-0.284
5:	-0.647	-0.253
6:	0.047	-0.005
7:	0.266	0.461
8:	-0.036	0.411
9:	0.125	0.575
10:	-0.228	0.594



TARGET APPROX 1/2 SCALE

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

USAPPC V1.10

R & E NUMBER	79559		
SERIAL NUMBER	G6225519 G6300613 (New)		
LOG-IN DATE	4-2-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-5-04	RTL
560 A	RE-BARREL	4-6-04	RTL
B	DRILL AND TAP		
575	ASSEMBLE	4-6-04	RTL
600	PROOF	4-12-04	RTL
605	CHECK HEADSPACE	4-12-04	RTL
610	DIS-ASSEMBLE GUN	4-13-04	RTL
612	MAGNAFLUX		OPERATOR BS
615	ROLLMARK CALIBER	4-13-04	RTL
618	ROTO-BLAST	4/14/04	DG
620	APPLY COATINGS	4-16	TA
625 A	FINAL ASSEMBLY	4-19-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-20-04	TRL
655	FINAL INSPECT	4-21-04	RTL
660	PACK	4-27-04	RA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington®



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

MODEL 700™ H24

SERIAL NO.

C6225519

ORDER NO.

5716

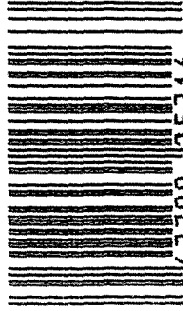
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6225519

LPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225519

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	9 12 88		FB
600	Proof	9 19 88		RW
607	Check Headspace	9 19 88		RW
610	Dis-assemble gun	9 19 88		RW
612	Magnaflux Barrel Action		9 22 88	P/C
	Magnaflux Bolt		9 22 88	P/C
615	Rollmark Caliber		10-22	GS
617	Drill & Tap Sight Holes		10-23	F.B.
618	Polish Barrel		10-24	WST
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		1/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/12/89	RW
	C) Inspect Ejector Hole for Chamfer		1/12/89	RW

OVER

OP.#		READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y		1/12/89	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake		11 Jan 89	QJL
	F) Safety on Force	5 : 5 : 5	11 Jan 89	QJL
	G) Safety off Force	3 : 3 : 3	11 Jan 89	QJL
	H) Trigger Pull Test & Retainability		11 Jan 89	QJL
	I) Firing Pin Indent	.021 : .021 : .021	11 Jan 89	QJL
	J) Assemble Stock		1/12/89	RW
	K) Attach Front & Rear Sight Assemblies		1/12/89	RW
	L) Iron Sight Alignment		1/12/89	RW
	M) Detach Front & Rear Sights & place in numbered container		1/12/89	RW
	N) Attach Scope to Rifle		13 Jan 89	QJL
	O) Detach & Attach Scope 20 times		13 Jan 89	QJL
640	Gallery Target & Test	54R 96L	1/24/89	AC
	A) Optical Clarity of Scope	OK	1/24/89	K
645	Inspect for Live Ammo	NONE	1/24/89	K
655	Final Inspection			
	A) Headspace		31 Jan 89	QJL
	B) Trigger Pull	2.66 : 2.69 : 2.54	2.58 : 2.70	QJL
	C) Function		31 Jan 89	QJL
	D) Assemble Swivel Studs		31 Jan 89	QJL
660	Pack		27 Mar 89	QJL

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 5519DATE 4-3-90TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.57		2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.34		2.44	
PULL #3	2.51	2.51		2.40	
PULL #4	2.54	2.30		2.47	
PULL #5	2.55	2.52		2.42	
TOTAL	12.73	12.24		12.19	
AVG.	2.546	2.448		2.438	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.38		
PULL #2	3.34	3.43		
PULL #3	3.36	3.40		
PULL #4	3.41	3.42		
PULL #5	3.37	3.35		
TOTAL	16.90	16.98		
AVG.	3.38	3.396		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.34		
PULL #2	4.19	4.31		
PULL #3	4.20	4.31		
PULL #4	4.15	4.28		
PULL #5	4.18	4.24		
TOTAL	21.16	21.48		
AVG.	4.232	4.296		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225519
26 Jan 1989

CENTROIDAL DISTANCES

0 TO	1	.567342
1 TO	2	.297437
1 TO	3	.41758
1 TO	4	.406059
1 TO	5	.958188

$\bar{x} + s$ (----POA

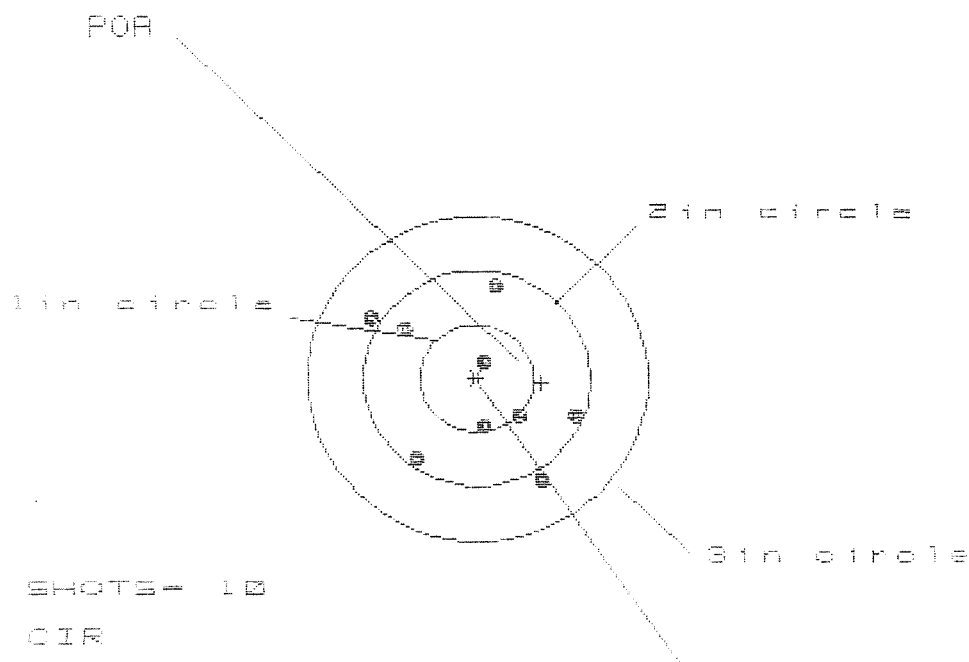
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2966
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .255
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .391148
THE AMR FOR THIS RIFLE IS: .9158

25 Jan 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08225513

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.755

VS= 1.835

GS= 2.116

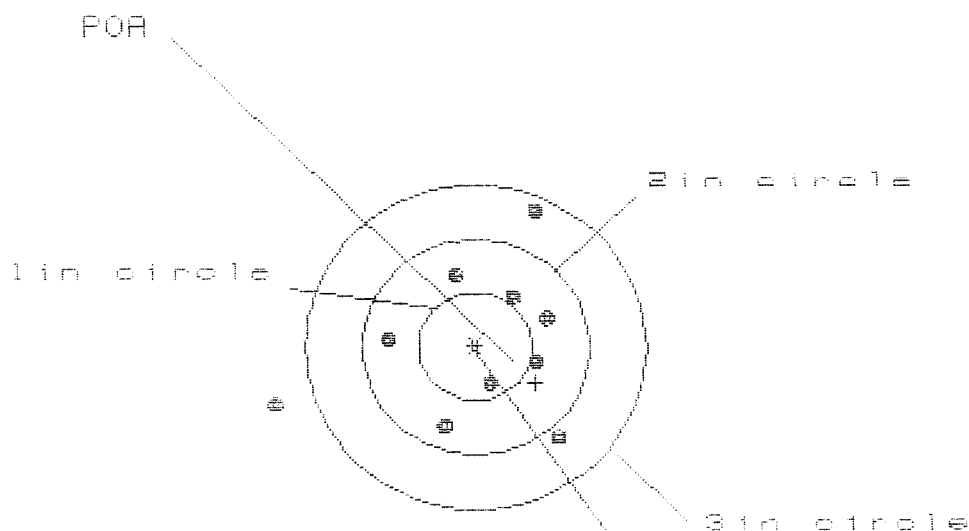
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.824	.884	.774
MINIMUM X	-.942	-.882	-.730
MAXIMUM Y	.849	.739	.791
MINIMUM Y	-.986	-.888	-.836
CENTROID X	-.566	-.626	-.516
CENTROID Y	.039	.148	.096
POA TO CENTROID in.	.567	.643	.525
MIN RADIUS	.165	.125	.098
MEAN RADIUS	.761	.717	.667
MAX RADIUS	1.125	1.022	1.039
HORIZONTAL SPREAD	1.766	1.766	1.504
VERTICAL SPREAD	1.835	1.627	1.627
EXTREME SPREAD	2.116	1.962	1.781
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225519

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS= 2.551

VS= 2.064

GS= 2.929

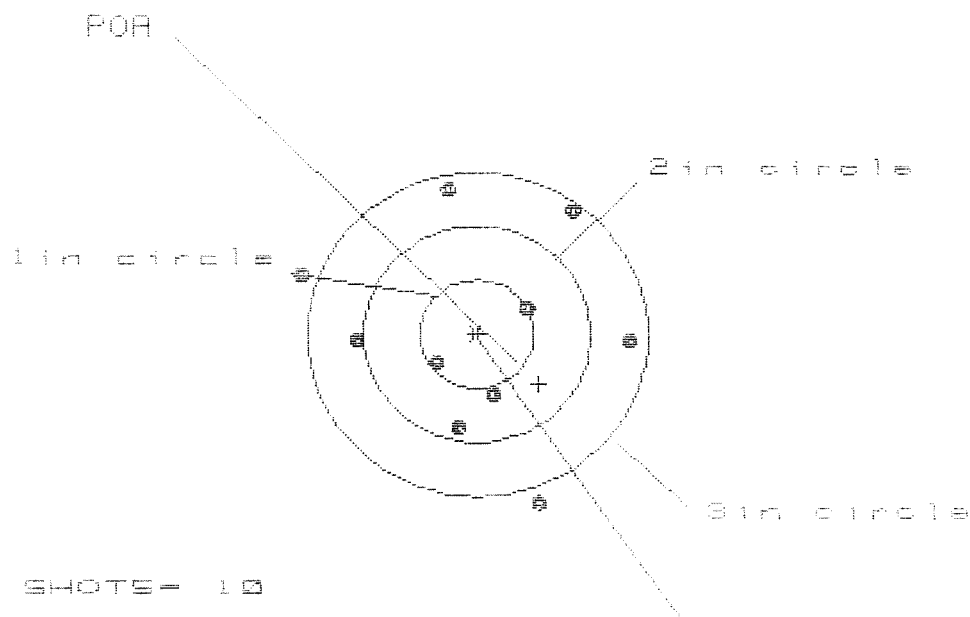
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.740	.539	.579
MINIMUM X	-1.811	-.940	-.900
MAXIMUM Y	1.225	1.164	.727
MINIMUM Y	-.839	-.900	-.755
CENTROID X	-.528	-.327	-.367
CENTROID Y	.334	.395	.250
POA TO CENTROID in.	.625	.513	.444
MIN RADIUS	.356	.392	.243
MEAN RADIUS	.871	.722	.652
MAX RADIUS	1.892	1.207	.951
HORIZONTAL SPREAD	2.551	1.479	1.479
VERTICAL SPREAD	2.064	2.064	1.482
EXTREME SPREAD	2.929	2.091	1.738
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225519

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 8

HE = 2.898

VS = 2.974

GS = 3.084

CENTROID *

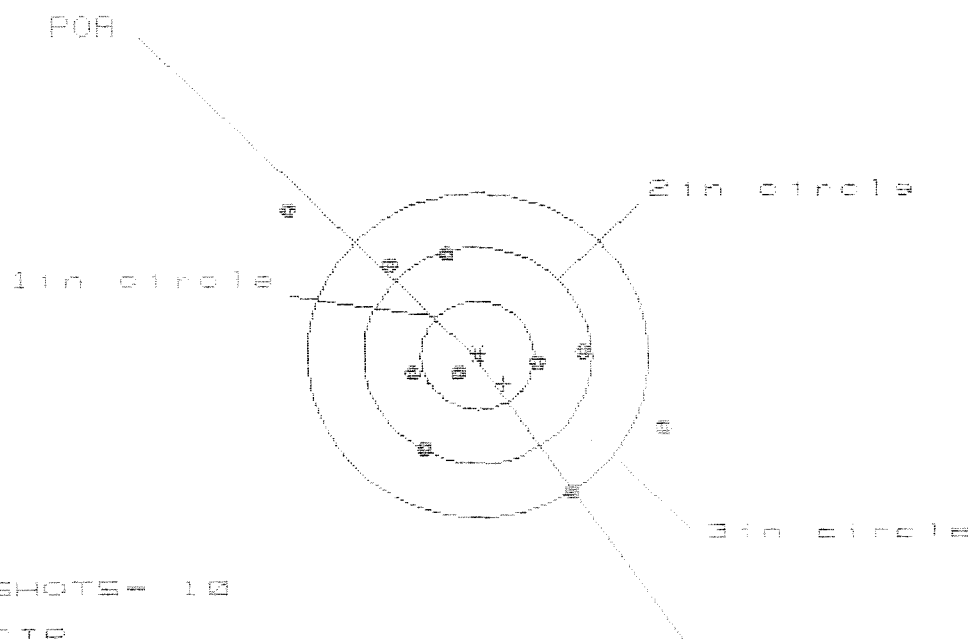
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.355	1.420	1.235
MINIMUM X	:	-1.543	-1.478	-1.214
MAXIMUM Y	:	1.375	1.198	1.250
MINIMUM Y	:	-1.599	-1.011	-0.959
CENTROID X	:	-0.544	-0.609	-0.424
CENTROID Y	:	.456	.633	.581
POA TO CENTROID in.	:	.710	.878	.719
MIN RADIUS	:	.406	.491	.330
MEAN RADIUS	:	1.099	1.042	.957
MAX RADIUS	:	1.701	1.536	1.300
HORIZONTAL SPREAD	:	2.898	2.898	2.449
VERTICAL SPREAD	:	2.974	2.209	2.209
EXTREME SPREAD	:	3.084	2.969	2.449
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225519

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 4

HS = 3.240

VS = 2.590

GS = 3.797

CENTROID *

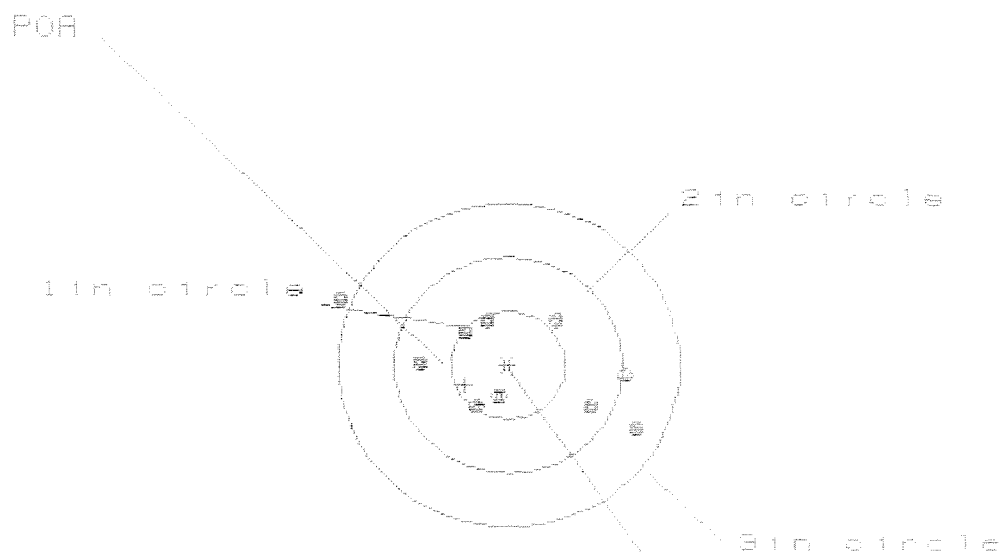
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.609	1.428	.927
MINIMUM X	-1.631	-.957	-.779
MAXIMUM Y	1.299	1.130	1.063
MINIMUM Y	-1.291	-1.146	-1.213
CENTROID X	-.226	-.045	-.223
CENTROID Y	.261	.116	.183
POA TO CENTROID in.	.345	.125	.289
MIN RADIUS	.266	.359	.222
MEAN RADIUS	1.080	.959	.864
MAX RADIUS	2.085	1.525	1.452
HORIZONTAL SPREAD	3.240	2.385	1.706
VERTICAL SPREAD	2.590	2.276	2.276
EXTREME SPREAD	3.797	2.839	2.667
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225519

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 2.591

VS= 1.188

CS= 2.847

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.189	.944	.947
MINIMUM X	:	-1.482	-.986	-.788
MAXIMUM Y	:	.597	.450	.385
MINIMUM Y	:	-.583	-.516	-.410
CENTROID X	:	.381	.546	.428
CENTROID Y	:	.185	.118	.183
POA TO CENTROID in.	:	.424	.559	.465
MIN RADIUS	:	.251	.299	.268
MEAN RADIUS	:	.768	.680	.688
MAX RADIUS	:	1.598	1.076	.951
HORIZONTAL SPREAD	:	2.591	1.850	1.735
VERTICAL SPREAD	:	1.188	.966	.795
EXTREME SPREAD	:	2.847	1.931	1.736
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

97-09525

WOG 17 OF 19
M-24

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
05/14/97	05/14/97	DI 9-88	C6225519		700 7.62 NATO

ACCESSORIES	W/STUDS	SCOPE BASE
-------------	---------	------------

FROM:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG

NC 28307

SHIP TO:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG

NC
28307

CUST NO: 162915 C.D.DL

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA DOOR
----------------	--------------------	--------------------------------	------------	-----------	-------------

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 Assy 96001

RePowder Coat Trigger Guard
Assy, Front & Rear Sight Base
ReZine Scope Base & Swive
Studs

REPAIRMAN <i>RW</i>	PROOF ✓	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
GALLERY TESTER <i>TH</i>	DATE <i>5-16-97</i>	DATE <i>7-10-97</i>	DATE <i>7-14-97</i>	DATE <i>7-14-97</i>	DATE

OFFICE COPY

RD6925 REV. 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400163187

21 DAY TURN - AROUND

*New
Barrel*

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225579

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>5-16-97</i>	<i>A</i>
605	CHECK HEADSPACE	<i>5-16-97</i>	<i>A</i>
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	<i>7-10-97</i>	<i>AW</i>
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>7-14-97</i>	<i>JW</i>
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225519

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 # C6225519
15 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.1914$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.1834$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.265084$

THE AMR FOR THIS RIFLE IS: $.934$

CENTROIDAL DISTANCES

0	TO	1	.650122
1	TO	2	.431213
1	TO	3	.70737
1	TO	4	.431237
1	TO	5	.56403

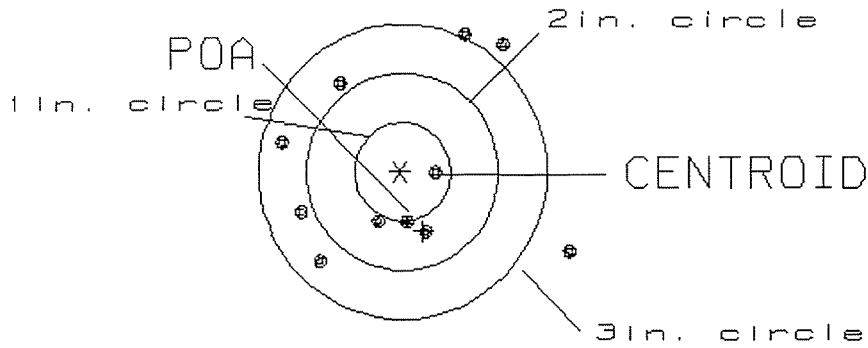
1
4
5+ <----POA
3

PATTERN #: 1
 POA TO CENTROID: .650
 MIN RADIUS : .364
 MEAN RADIUS : 1.091
 MAX RADIUS : 1.913
 CENTROID X : -.243
 CENTROID Y : .603

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225519

CENTERFIRE PATTERN # 1



OF SHOTS= 11

IN CIRCLE

HS= 2.95
 VS= 2.35
 GS= 3.16

1
 4
 8

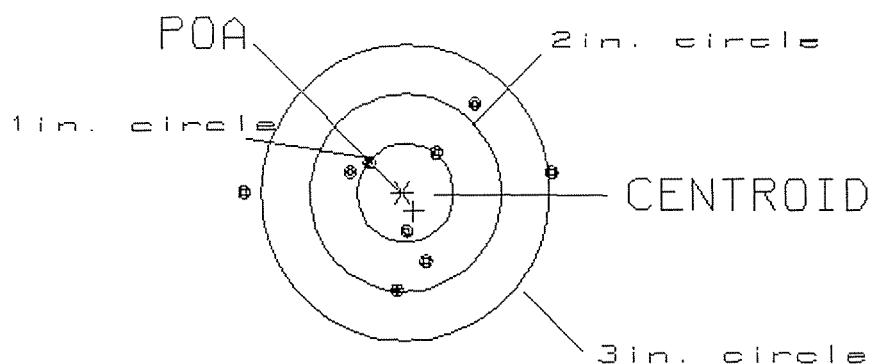
PATTERN #: 2

POA TO CENTROID: .224
MIN RADIUS : .355
MEAN RADIUS : .895
MAX RADIUS : 1.719
CENTROID X : -.119
CENTROID Y : .190

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225519

CENTERFIRE PATTERN # 2



OF SHOTS= 9

IN CIRCLE

HS= 3.27

3

VS= 1.67

6

GS= 3.28

7

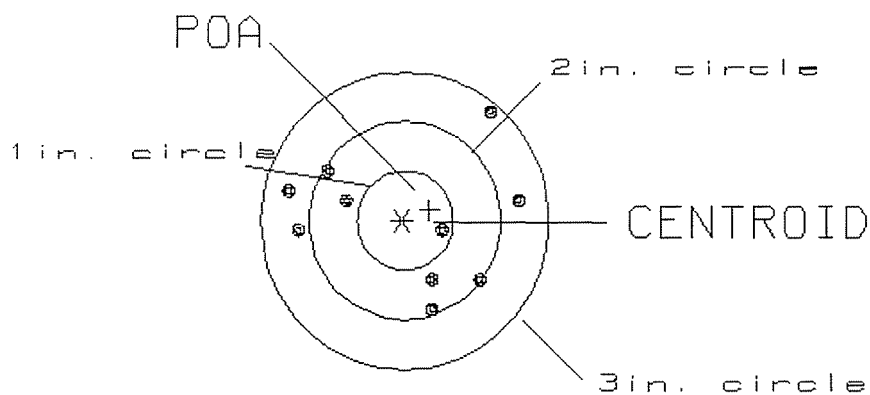
PATTERN #: 3

POA TO CENTROID: .305
 MIN RADIUS : .393
 MEAN RADIUS : .945
 MAX RADIUS : 1.394
 CENTROID X : -.287
 CENTROID Y : -.103

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225519

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.36
 VS= 1.96
 GS= 2.37

1
 6
 10

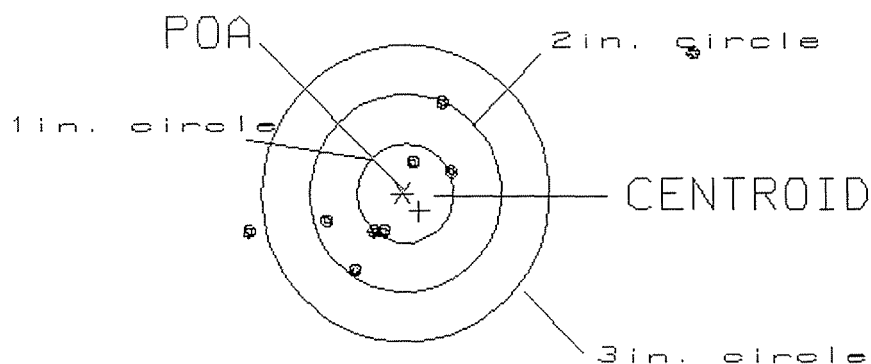
PATTERN #: 4

POA TO CENTROID: .250
 MIN RADIUS : .303
 MEAN RADIUS : 1.043
 MAX RADIUS : 3.271
 CENTROID X : -.176
 CENTROID Y : .177

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225519

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.55

3

US= 2.22

7

GS= 4.89

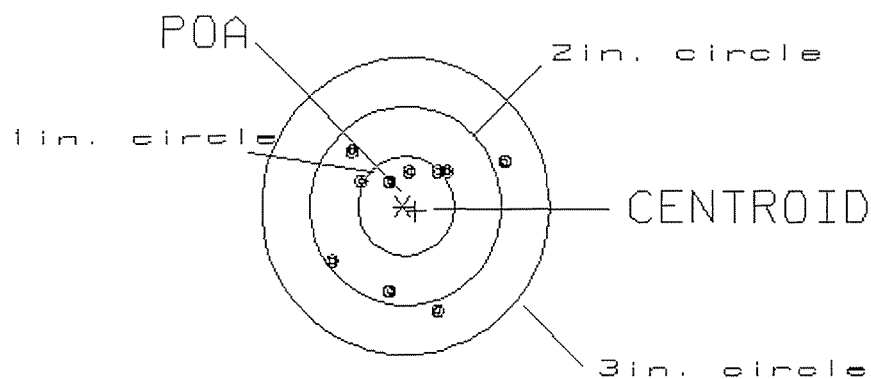
8

PATTERN #: 5
 POA TO CENTROID: .141
 MIN RADIUS : .306
 MEAN RADIUS : .696
 MAX RADIUS : 1.118
 CENTROID X : -.132
 CENTROID Y : .050

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225519

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.80
 VS= 1.59
 GS= 2.08

4
 6
 10