

C6348806

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.

Remington®

Smead®

No. 2-152-51

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: RE00142395

Serial: C6348806 Model 700 Center Fire Caliber:
7.62 NATO M-24 (SWS) Produced: 09/19/1989

Repairman:

Verify Repair

Status:

Closed 3/3/2008 3:02:32 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name:

Address 1:

Address 2:

PO Box:

City: FORT BRAGG

FORT BRAGG

PO Box:

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

FPL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A045	Bi Pod	1
A057	Front and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

3/4/2008

9:16 AM

CAPS

NUM



Serial Number:

C6348806

Model: 700



RE00142395

[illegible]

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348806. __0

FILE DATE AND TIME: 04/02/2008 10:58

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.076
The Average Y Centroid of the Five Target Set:	-0.015
The Average Point of Impact of the Five Target Set:	0.078
The Average Mean Radius of the Five Target Set:	0.688
The Distance from POA to Centroid Target #1:	0.111
The Distance from Centroid Target #2 to Centroid Target #1:	0.370
The Distance from Centroid Target #3 to Centroid Target #1:	0.200
The Distance from Centroid Target #4 to Centroid Target #1:	0.046
The Distance from Centroid Target #5 to Centroid Target #1:	0.171

SERIAL NUMBER: C6348806. __0

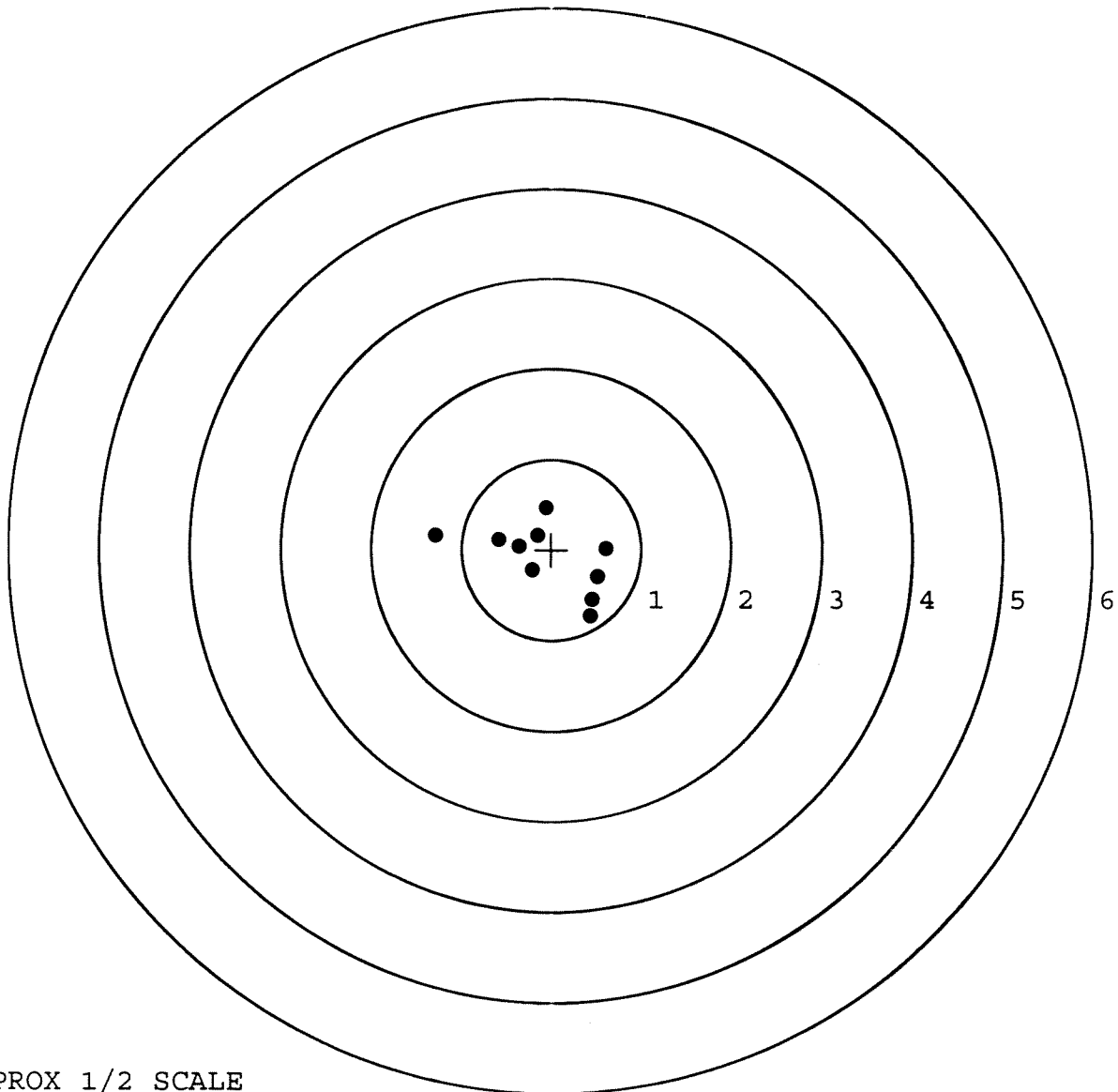
TARGET NUMBER: 1

FILE DATE: 04/02/2008

FILE TIME: 10:58

X CENTROID: -0.067
 Y CENTROID: -0.089
 POA TO CENTROID: 0.111
 HORZ SPREAD: 1.898
 VERT SPREAD: 1.202
 GROUP SPREAD: 1.946
 MIN RADIUS: 0.204
 MAX RADIUS: 1.248
 MEAN RADIUS: 0.598
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.066	0.466
2:	-0.159	0.155
3:	-0.216	-0.228
4:	-0.588	0.111
5:	-1.290	0.158
6:	0.608	0.010
7:	0.516	-0.306
8:	0.456	-0.560
9:	0.438	-0.736
10:	-0.364	0.039



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348806. 0

TARGET NUMBER: 2

FILE DATE: 04/02/2008

FILE TIME: 10:58

X CENTROID: 0.109

Y CENTROID: 0.237

POA TO CENTROID: 0.261

HORZ SPREAD: 1.368

VERT SPREAD: 0.723

GROUP SPREAD: 1.381

MIN RADIUS: 0.254

MAX RADIUS: 0.906

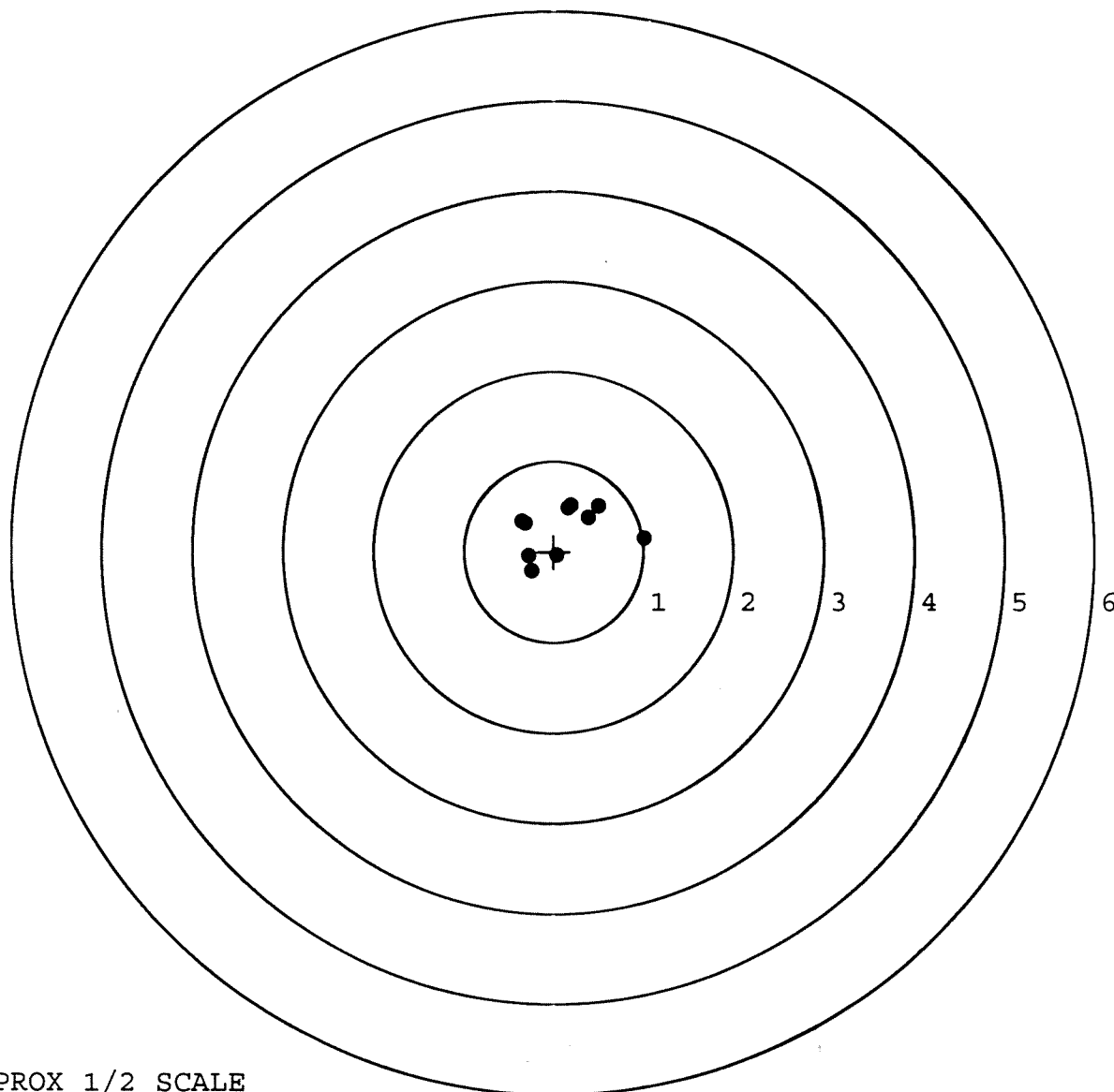
MEAN RADIUS: 0.450

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.502	0.504
2:	0.390	0.374
3:	0.197	0.509
4:	-0.320	0.320
5:	0.034	-0.041
6:	-0.280	-0.052
7:	-0.251	-0.214
8:	1.010	0.147
9:	0.164	0.485
10:	-0.358	0.338



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348806. 0

TARGET NUMBER: 3

FILE DATE: 04/02/2008

FILE TIME: 10:58

X CENTROID: -0.128

Y CENTROID: 0.101

POA TO CENTROID: 0.163

HORZ SPREAD: 1.786

VERT SPREAD: 1.987

GROUP SPREAD: 2.253

MIN RADIUS: 0.179

MAX RADIUS: 1.222

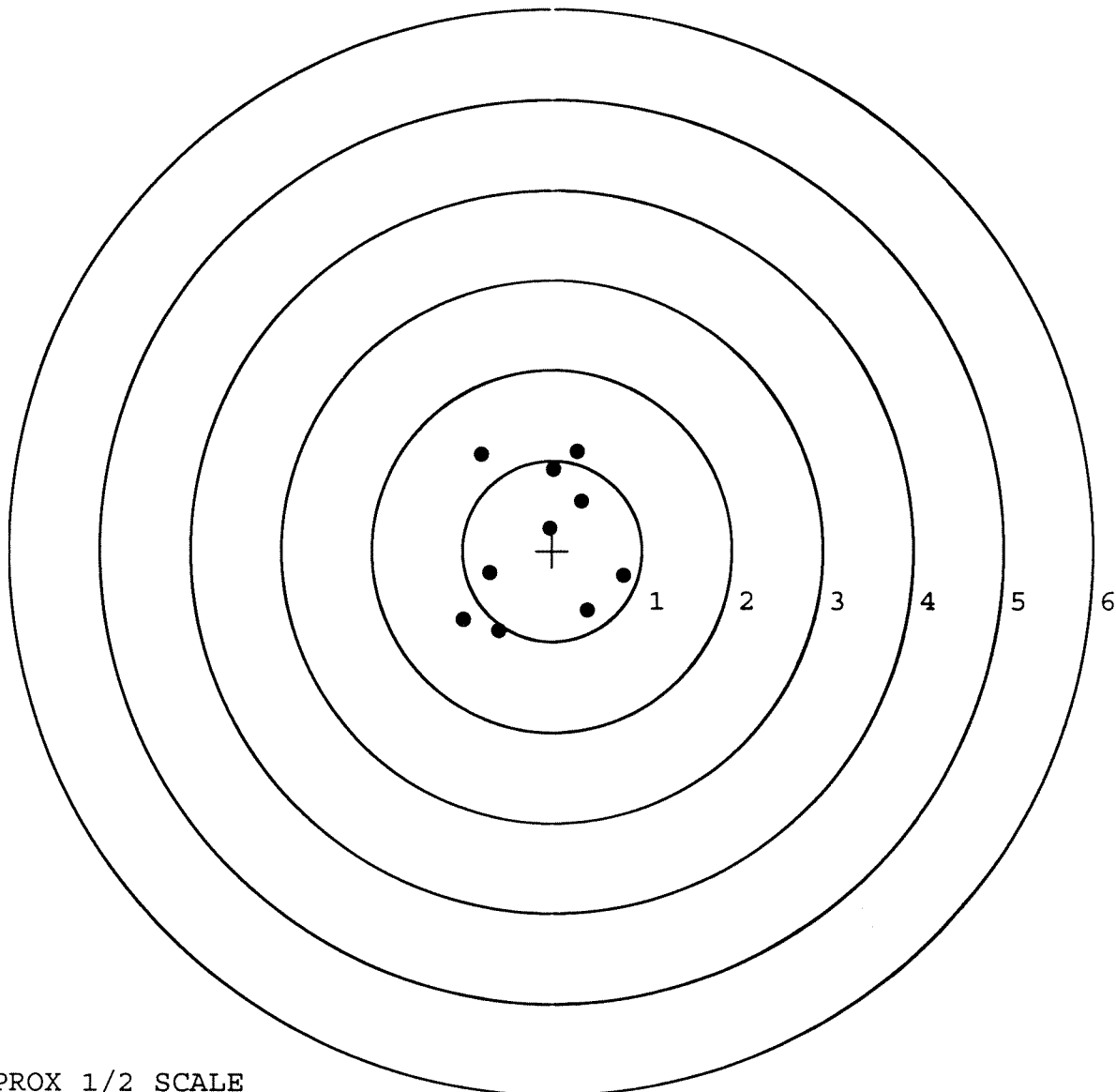
MEAN RADIUS: 0.879

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.281	1.094
2:	0.018	0.900
3:	-0.792	1.062
4:	0.331	0.553
5:	-0.033	0.253
6:	-0.696	-0.247
7:	-0.600	-0.893
8:	-0.987	-0.768
9:	0.799	-0.280
10:	0.398	-0.661



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348806. __0

TARGET NUMBER: 4

FILE DATE: 04/02/2008

FILE TIME: 10:58

X CENTROID: -0.100

Y CENTROID: -0.120

POA TO CENTROID: 0.156

HORZ SPREAD: 1.871

VERT SPREAD: 2.141

GROUP SPREAD: 2.322

MIN RADIUS: 0.408

MAX RADIUS: 1.289

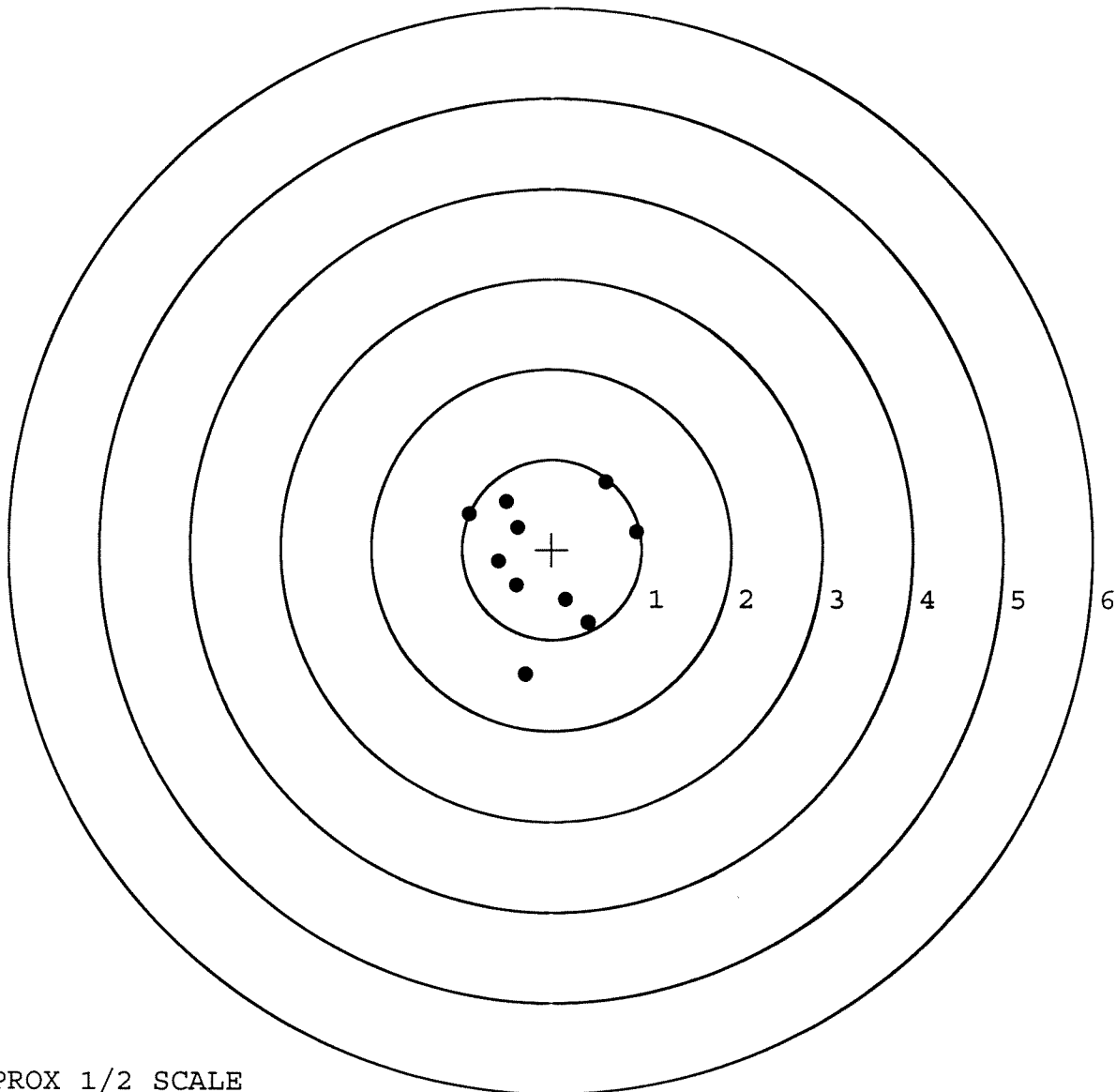
MEAN RADIUS: 0.797

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.600	0.748
2:	0.945	0.199
3:	-0.513	0.527
4:	-0.382	0.242
5:	-0.926	0.388
6:	-0.595	-0.134
7:	-0.397	-0.400
8:	-0.300	-1.393
9:	0.157	-0.563
10:	0.408	-0.814

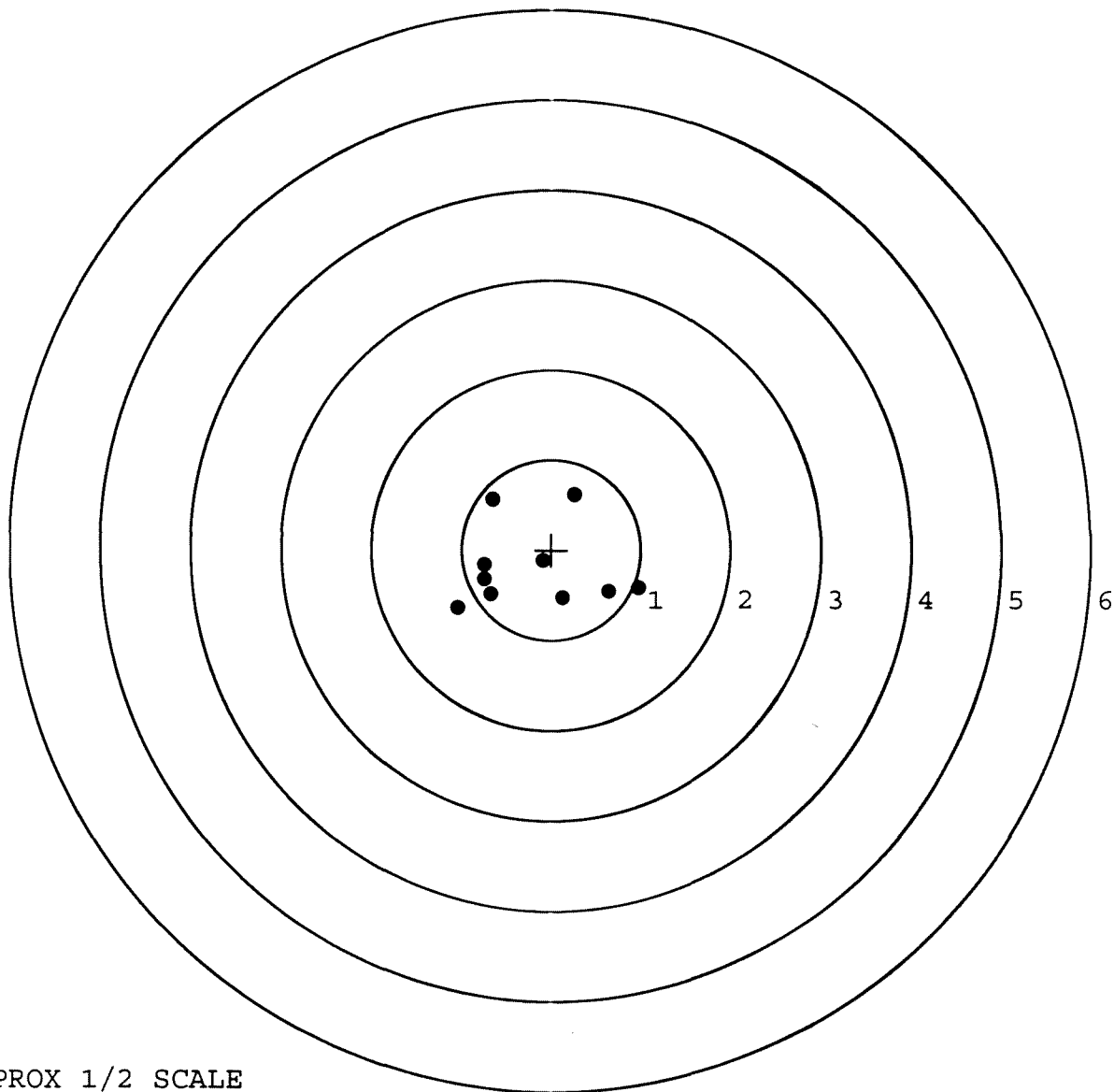


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348806. 0
 TARGET NUMBER: 5
 FILE DATE: 04/02/2008
 FILE TIME: 10:58

X CENTROID: -0.195
 Y CENTROID: -0.203
 POA TO CENTROID: 0.281
 HORZ SPREAD: 2.019
 VERT SPREAD: 1.264
 GROUP SPREAD: 2.032
 MIN RADIUS: 0.125
 MAX RADIUS: 1.191
 MEAN RADIUS: 0.714
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.273	0.612
2:	-0.099	-0.122
3:	-0.652	0.554
4:	-0.750	-0.333
5:	-0.676	-0.498
6:	-1.043	-0.652
7:	0.129	-0.540
8:	0.646	-0.464
9:	0.976	-0.421
10:	-0.749	-0.168



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 00142395SERIAL NUMBER C 6348806LOG-IN DATE 3-3-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-11-08	SPD
505	RE-BARREL	3-12-08	SPD
560	ASSEMBLE	3-12-08	SPD
600	PROOF	3-13-08	TRW
605	CHECK HEADSPACE	3-13-08	TRW
610	DIS-ASSEMBLE GUN	3-13-08	SPD
612	MAGNAFLUX	3-14-08	unw
510	DRILL AND TAP	3-13-08	FM
615	ROLLMARK CALIBER	3-13-08	CW
618	ROTO-BLAST	3-14-08	JG
620	APPLY COATINGS	3-20-08	HP
625	FINAL ASSEMBLY	3-31-08	SPD
640	FUNCTION TEST AND	4-1-08	SD
650	TARGET	4-1-08	SD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	4-2-08	FM
	A) HEADSPACE	4-2-08	FM
	B) TRIGGER PULL	2.34 2.22 2.25 2.33 2.34 4/2/08	FM
680	F) SAFETY ON FORCE	4.5 4.5 4.5 4/2/08	FM
	G) SAFETY OFF FORCE	3 3 3 5 4/2/08	FM
	I) FIRING PIN INDENT	.022 .021 .021 4/2/08	FM
690	PACK	4/14/08	FM

Repair Number: **RE00014565** Serial: C6348806 Model 700 Center Fire Caliber 7.62 NATO M-24 (SWS) Repairman: Status: Closed 9/27/00 2:48:24 PM

Address Information

Customer: ☐ Received From: ☒ Return To: ☐ Received From

Name: HSC 3RD BN 3RD SFG (A) HSC 3RD BN 3RD SFG (A)

Address 1: BLDG J 2050 BLDG J 2050

Address 2: PD Box PD Box

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US

Printers Folder

There was an error writing to LPT1: for the printer (HP LaserJet 5L PCL). The printer is out of paper. Add more paper. To continue printing, click retry. Windows will automatically retry after 5 seconds.

Contact / Condition

Contact Information

Phone: Fax: Email: Comments:

Condition Notes: CSR Notes:

Shipping / Billing

Received

IC	Qty
h Stud	1
A010 Hard Case	1
A016 Scope Mounts	1
A017 Scope Base	1
A026 Scope	1

Start Inbo Nagl 2 Expl X Mic Part Aim 5 One Print Printe 7:24 AM

Serial Number: **C6348806**Model: **700****RE00014565**

BBL - 96003

Final Inspection

S.O. C6348806

DATE REC'D: 9-26-00

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:

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

R & E NUMBER		14565	
SERIAL NUMBER		C6348806	
LOG-IN DATE		9-26-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-28-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-3-00	RW
605	CHECK HEADSPACE	10-3-00	CK
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-17-00	RW
655	FINAL INSPECT	10-25-00	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Framington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348806
23 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0378
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1052
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .111785

THE AMR FOR THIS RIFLE IS: 1.245

CENTROIDAL DISTANCES

0	TO	1	.227466
1	TO	2	.317002
1	TO	3	.253286
1	TO	4	.6731
1	TO	5	.398058

5
2
3 <----POA
1

4

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .228

MIN RADIUS : .721

MEAN RADIUS : 1.349

MAX RADIUS : 2.093

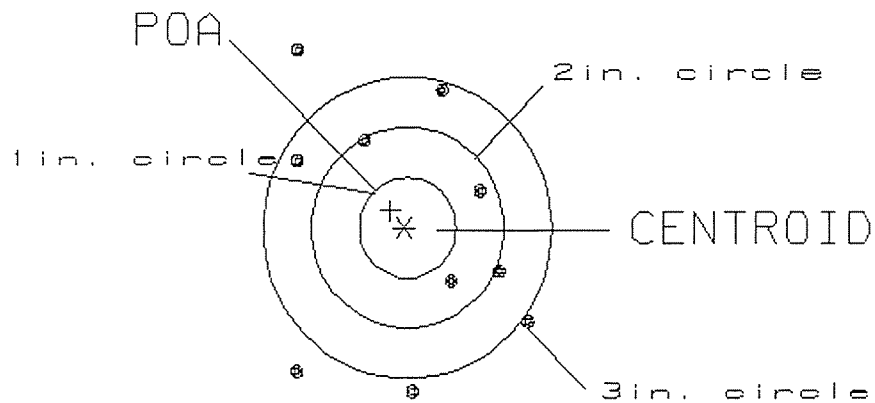
CENTROID X : .150

CENTROID Y : -.171

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348886

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.40

0

VS= 3.40

3

GS= 3.62

6

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .209

MIN RADIUS : .244

MEAN RADIUS : 1.042

MAX RADIUS : 1.882

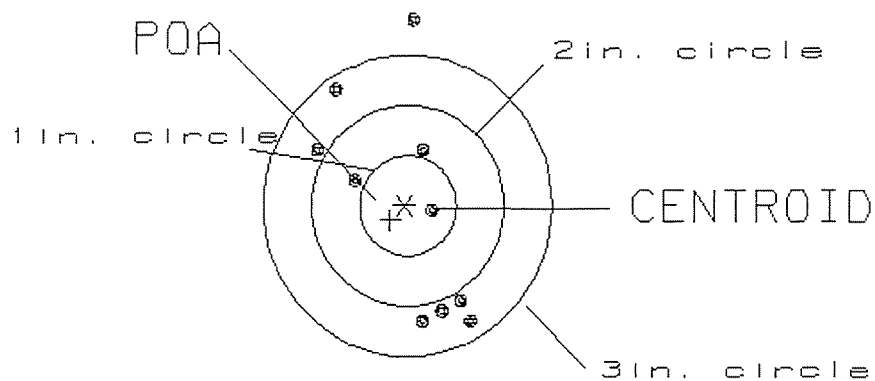
CENTROID X : .149

CENTROID Y : .146

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348886

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.65

1

VS= 3.06

3

GS= 3.11

9

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .026

MIN RADIUS : .407

MEAN RADIUS : 1.012

MAX RADIUS : 1.572

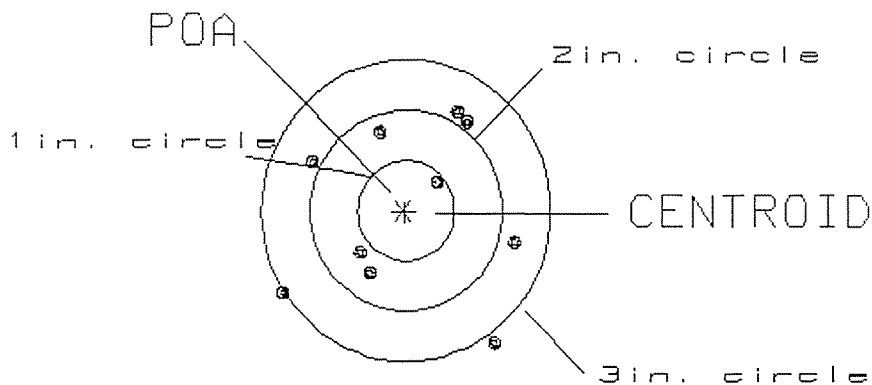
CENTROID X : -.023

CENTROID Y : .014

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348886

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.39

1

VS= 2.29

4

GS= 2.61

9

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .770

MIN RADIUS : .433

MEAN RADIUS : 1.396

MAX RADIUS : 2.761

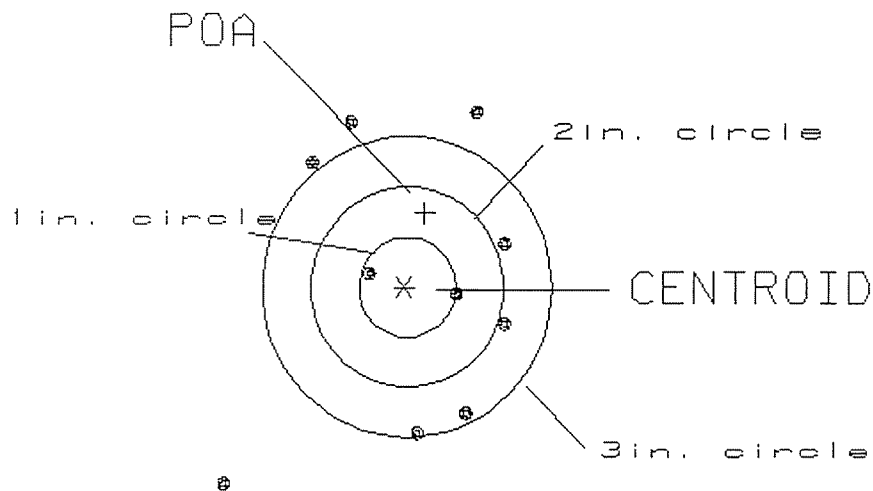
CENTROID X : -.208

CENTROID Y : -.741

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348806

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

MS= 2.91

1

VS= 3.75

2

GS= 4.62

6

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .256

MIN RADIUS : .646

MEAN RADIUS : 1.425

MAX RADIUS : 2.389

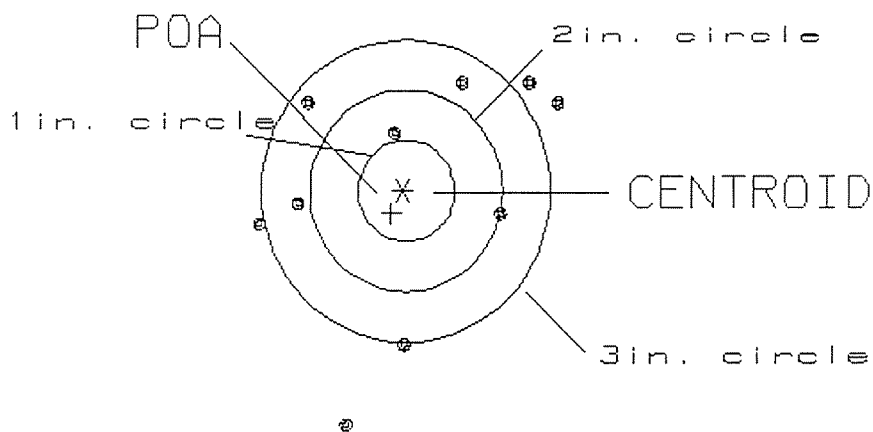
CENTROID X : .121

CENTROID Y : .226

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348886

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.06

0

VS= 3.37

2

GS= 3.87

5

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.**MODEL 700™ H24****SERIAL NO.**
C6348806**ORDER NO.**
5716

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

Ø1



5716 C6348806

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348806

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 11	89	RW
600	Proof	7 11	89	RW
607	Check Headspace	7 11	89	RW
610	Dis-assemble Gun	7 11	89	RW
612	Magnaflux Barrel Action		7/13	KCR
	Magnaflux Bolt	7 13	7/13	KCR
615	Rollmark Caliber		7/13	SS
617	Drill and Tap Sight Holes	7 13 89		FB
618	Polish Barrel RB	7 13 89		BT
620	Apply Coatings (Barrel Action)		7/13/89	BT
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/89	RW
	C) Inspect Ejector Hole for Chamfer		7/25/89	RW
	D) Oil Firing Pin Ass'y		7/25/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1 Aug 89	SS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			1 Aug 89	JS
	G) Safety Off Force	4	4	4			1 Aug 89	JS
	H) Trigger Pull Test & Retainability						1 Aug 89	JS
	I) Firing Pin Indent	.0205	.0205	.0205			1 Aug 89	JS
	J) Assemble Stock						8/3/89	RW
	K) Assemble Swivel Studs						Aug 89	JS
	L) Attach Front and Rear Sight Assemblies						8/3/89	RW
	M) Iron Sight Alignment						8/3/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/3/89	RW
	O) Attach Scope to Rifle						3 Aug 89	JS
	P) Detach & Attach Scope 20 Times						3 Aug 89	JS
640	Gallery Target & Test	63	R	89	L		8-4-89	DA
	A) Time						8-4-89	DA
	B) Malfunctions						8-4-89	DA
	C) Pierced Primers						8-4-89	DA
	D) Optical Clarity of Scope						8-4-89	DA
645	Inspect for Live Ammo						8-4-89	DA
655	Final Inspection							
	A) Headspace						7 Aug 89	JS
	B) Trigger Pull	2.05	2.53	2.63	2.36	2.59	7 Aug 89	JS
	C) Function						7 Aug 89	JS
660	Pack						9/20/89	A

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6348806DATE 7-9-90TESTER 94

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.30	2.44		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.40	2.40		
PULL #3	2.35	2.35	2.35		
PULL #4	2.38	2.35	2.36		
PULL #5	2.42	2.48	2.40		
TOTAL	11.91	11.88	11.95		
AVG.	2.382	2.376	2.39		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.31		
PULL #2	3.27	3.30		
PULL #3	3.25	3.30		
PULL #4	3.27	3.27		
PULL #5	3.31	3.31		
TOTAL	16.29	16.49		
AVG.	3.258	3.298		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.29		4.45
PULL #2	4.45	4.30		4.40
PULL #3	4.29	4.42		4.47
PULL #4	4.36	4.45		4.40
PULL #5	4.33	4.47		4.42
TOTAL	21.83	21.93		22.14
AVG.	4.366	4.386		4.428

1. **Introduction**
 2. **Background**
 3. **Methodology**
 4. **Results**
 5. **Discussion**
 6. **Conclusion**
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 84. **Notes**
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 87. **Notes**
 88. **References**
 89. **Appendix**
 90. **Notes**
 91. **References**
 92. **Appendix**
 93. **Notes**
 94. **References**
 95. **Appendix**
 96. **Notes**
 97. **References**
 98. **Appendix**
 99. **Notes**
 100. **References**

FILE # C6348806

Ergonomics, 2016; Vol. 59, No. 7, 833–843
DOI: 10.1080/00140139.2016.1186009

CENTROIDAL DISTANCES

0	TO	1	.955341
1	TO	2	.267507
1	TO	3	.275283
1	TO	4	.959297
1	TO	5	.856123

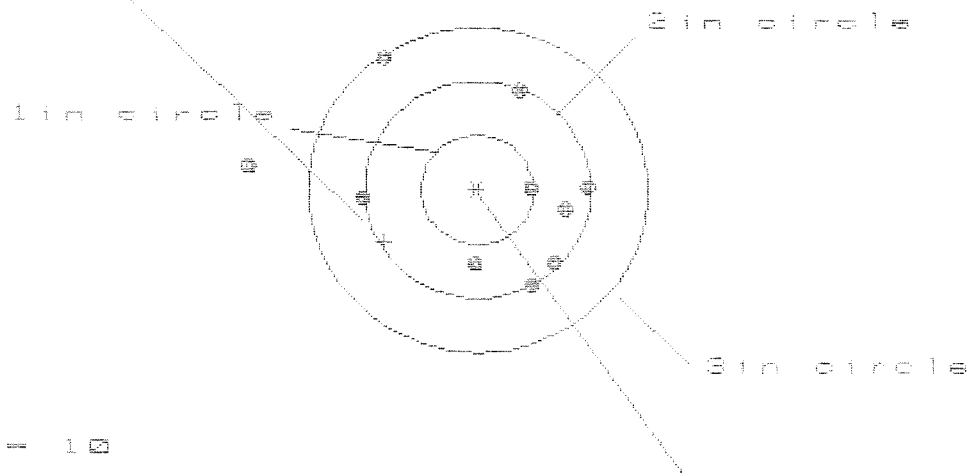
```
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4264
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3398
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .540555
THE GNP FOR THIS RIFLE IS: 1.077
```


FILE/PATTERNING/CENTERFIRE_PATT/06346006

CENTERFIRE PATTERNS

1

POA



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS= 2.948

VS= 2.114

GS= 2.862

CENTROID #

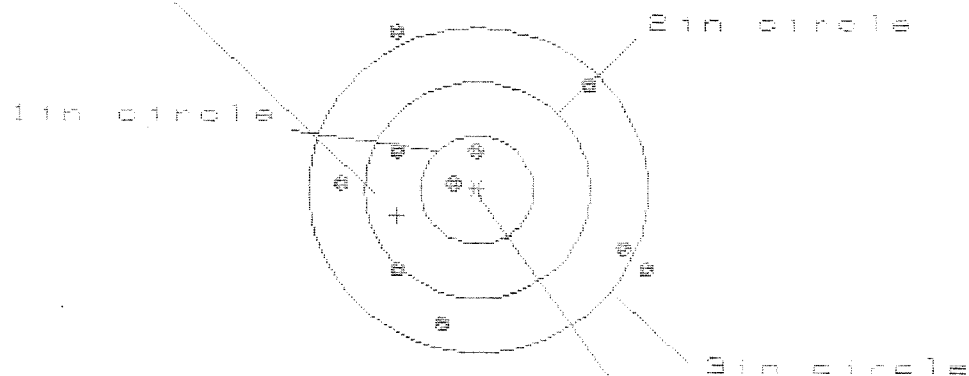
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.971	.751	.615
MINIMUM X	-1.977	-1.278	-1.414
MAXIMUM Y	1.234	1.263	1.116
MINIMUM Y	-.880	-.851	-.693
CENTROID X	.826	1.046	1.182
CENTROID Y	.480	.451	.293
POA TO CENTROID in.	.956	1.139	1.218
MIN RADIUS	.509	.290	.236
MEAN RADIUS	1.051	.880	.719
CR+ RADIUS	1.995	1.667	1.422
HORIZONTAL SPREAD	2.948	2.029	2.029
VERTICAL SPREAD	2.114	2.114	1.809
EXTREME SPREAD	2.962	2.526	2.029
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

FILE:/PATTERNING/CENTERFIRE_PATT/0834B888

CENTERFIRE PATTERNS

2

POB



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.708

VS= 2.738

GS= 3.109

CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.514	1.494	1.427
MINIMUM X	:	-1.194	-1.026	-1.093
MAXIMUM Y	:	1.458	1.378	1.036
MINIMUM Y	:	-1.280	-1.360	-1.188
CENTROID X	:	.712	.544	.611
CENTROID Y	:	.238	.318	.146
POB TO CENTROID in.	:	.751	.638	.628
MIN RADIUS	:	.287	.022	.204
MEAN RADIUS	:	1.091	.976	.942
MAX RADIUS	:	1.676	1.614	1.493
HORIZONTAL SPREAD	:	2.708	2.520	2.520
VERTICAL SPREAD	:	2.738	2.738	2.224
EXTREME SPREAD	:	3.109	2.843	2.585
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

Aug 1969

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CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.407

VS= 2.808

GS= 3.216

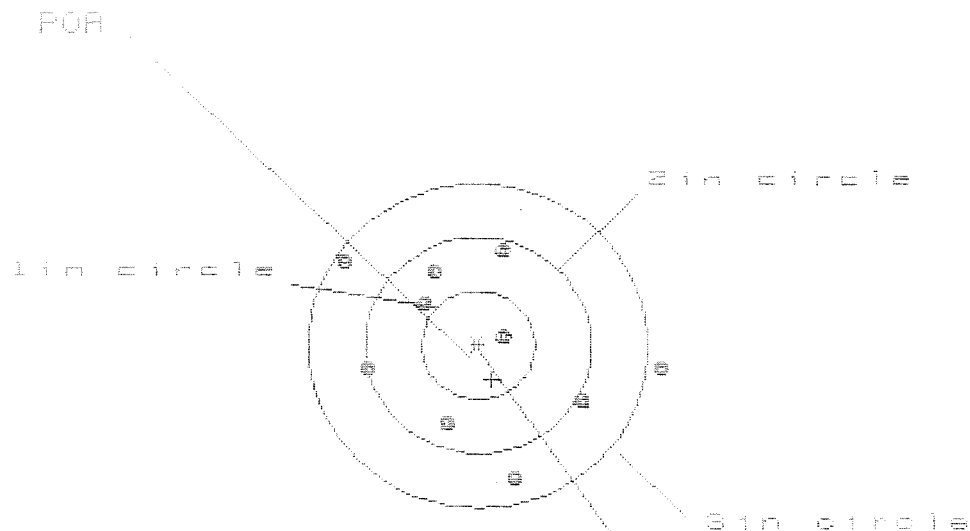
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.302	.572	.639
MINIMUM X	:	-1.105	-.961	-.894
MAXIMUM Y	:	1.481	1.506	.968
MINIMUM Y	:	-1.327	-1.163	-.974
CENTROID X	:	.592	.448	.381
CENTROID Y	:	.625	.461	.273
POA TO CENTROID in.	:	.861	.642	.469
MIN RADIUS	:	.405	.261	.208
MEAN RADIUS	:	.972	.799	.648
MAX RADIUS	:	1.972	1.597	1.318
HORIZONTAL SPREAD	:	2.407	1.533	1.533
VERTICAL SPREAD	:	2.808	2.669	1.942
EXTREME SPREAD	:	3.216	2.747	2.115
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

AUG 1985

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CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 4

HS= 2.002

VS= 2.112

GS= 3.000

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.616	1.063	.937
MINIMUM X	:	-1.186	-1.006	-.943
MAXIMUM Y	:	.896	.867	.964
MINIMUM Y	:	-1.216	-1.245	-1.148
CENTROID X	:	-.119	-.299	-.173
CENTROID Y	:	.315	.344	.247
POR TO CENTROID in.	:	.337	.456	.301
MIN RADIUS	:	.296	.457	.376
MEAN RADIUS	:	.982	.894	.846
MAX RADIUS	:	1.637	1.360	1.222
HORIZONTAL SPREAD	:	2.802	2.069	1.880
VERTICAL SPREAD	:	2.112	2.112	2.112
EXTREME SPREAD	:	3.000	2.553	2.116
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

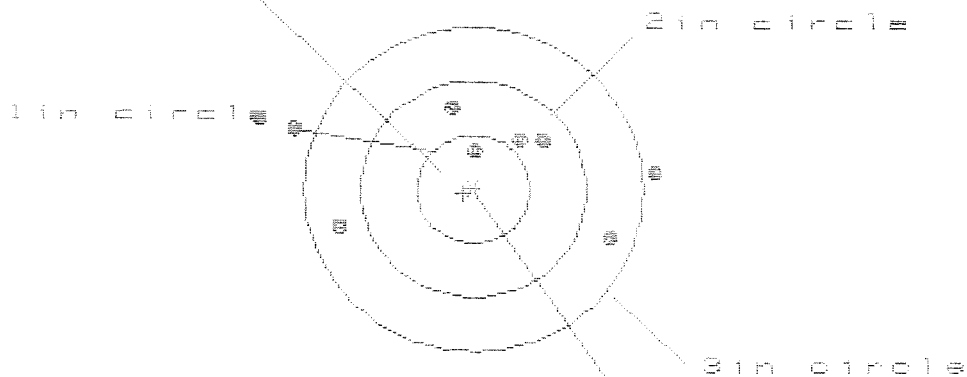
4 Aug 1989

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CENTERFIRE PATTERNS

5

POB



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HM = 3.484

VM = 3.339

GM = 4.365

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.563	1.679	1.461
MINIMUM X	-1.861	-1.745	-1.648
MAXIMUM Y	.752	.465	.512
MINIMUM Y	-2.587	-.704	-.657
CENTROID X	.091	-.025	.193
CENTROID Y	.041	.328	.281
POB TO CENTROID in.	.100	.329	.341
MIN RADIUS	.361	.172	.135
MEAN RADIUS	1.290	1.056	.926
MAX RADIUS	2.791	1.786	1.673
HORIZONTAL SPREAD	3.424	3.424	3.109
VERTICAL SPREAD	3.339	1.169	1.169
EXTREME SPREAD	4.365	3.463	3.132
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		6	