

C6349175

MODEL 700TM M24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5716

* Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: RE00154262

Serial: C6349175 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 10/30/2008 8:23:55 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: ISD ARMSROOM

ISD ARMSROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

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
D000	SCOPE/NO RINGS	1

Repair Search

Refresh

Close

nagletj

10/30/2008

12:42 PM

CAPS

NUM

INS

SCRL

start

6M

21

6M

P...

D...

A...

A...

U...

12:42 PM

Serial Number: C6349175

Model: M24 SWS



RE00154262

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

R & I NUMBER

134262

SERIAL NUMBER

C6349175

LOG-IN DATE

10-30-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-6-08	RTZ
505	RE-BARREL	11-7-08	RTZ
560	ASSEMBLE	11-7-08	RTZ
600	PROOF	11-11-08	L.P.D.
605	CHECK HEADSPACE	11-11-08	L.P.D.
610	DIS-ASSEMBLE GUN	11-11-08	L.P.D.
612	MAGNAFLUX	11-17-08	(K)
510	DRILL AND TAP	11-12-08	SP
615	ROLLMARK CALIBER	11-17-08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	11-21	u
625	FINAL ASSEMBLY	12-1-08	RTZ
640	FUNCTION TEST AND	PASS FAIL	12-3-08 L.P.D.
650	TARGET	PASS FAIL	12-3-08 L.P.D.
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		12-3-08 RP
	A) HEADSPACE	PASS FAIL	12-4-08 L.P.D.
			12-4-08 L.P.D.
	MIN 5 LBS MIN 2.50 LBS B) TRIGGER PULL MAX 4.0 LBS	258 263 257 251 260	12-4-08 R.J.
	2 LBS MIN 2 LBS MAX	4.0 4.0 4.0	12-4-08 L.P.D.
	F) SAFETY ON FORCE	4.0 4.0 4.5	12-4-08 L.P.D.
	G) SAFETY OFF FORCE	4.0 4.0 4.5	12-4-08 L.P.D.
	I) FIRING PIN INDENT	0.22 0.22 0.22	12-4-08 L.P.D.
690	PACK		11/19 FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349175.__0

FILE DATE AND TIME: 12/04/2008 13:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	0.145
The Average Point of Impact of the Five Target Set:	0.154
The Average Mean Radius of the Five Target Set:	0.627
The Distance from POA to Centroid Target #1:	0.205
The Distance from Centroid Target #2 to Centroid Target #1:	0.223
The Distance from Centroid Target #3 to Centroid Target #1:	0.380
The Distance from Centroid Target #4 to Centroid Target #1:	0.530
The Distance from Centroid Target #5 to Centroid Target #1:	0.094

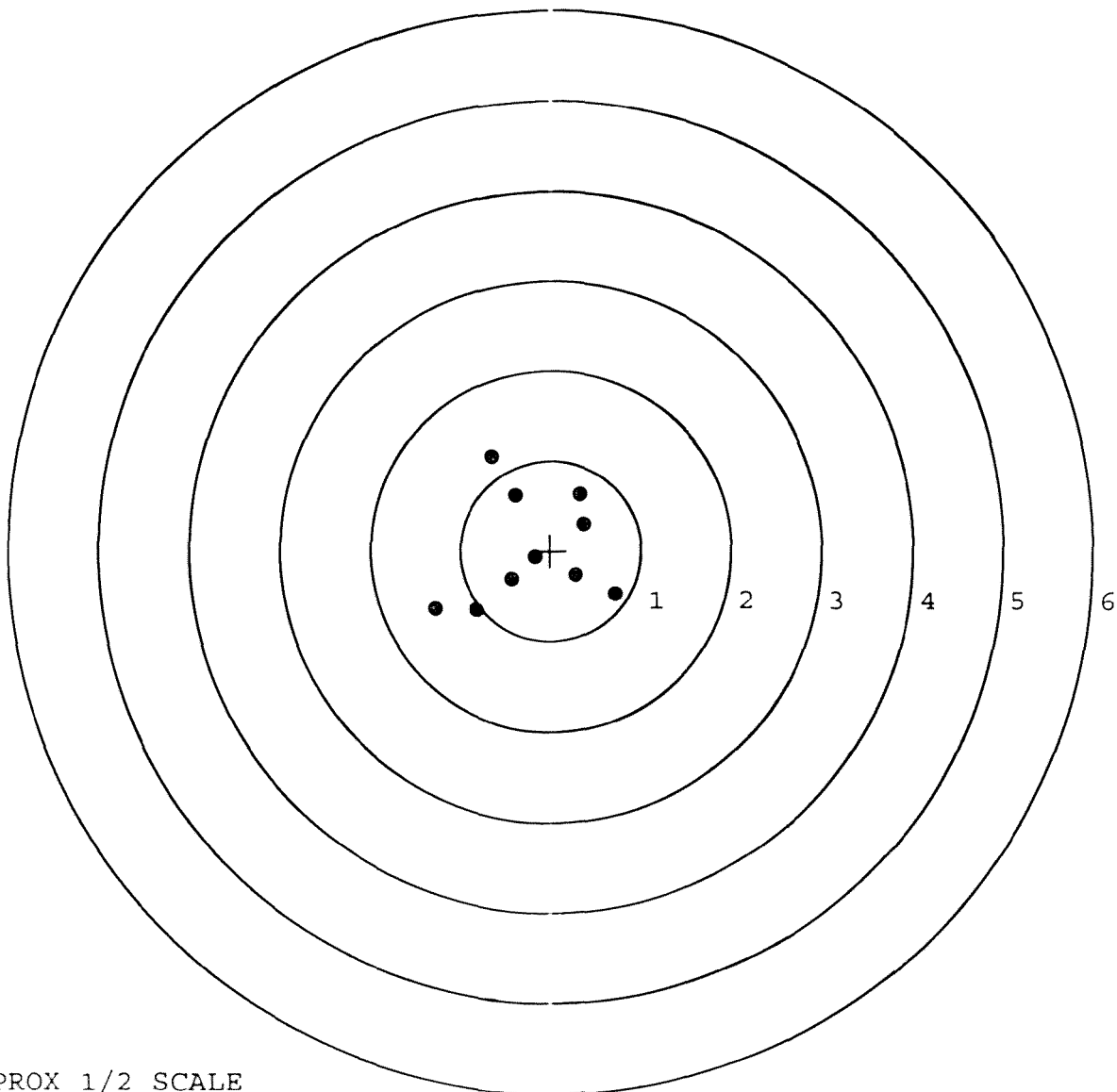
BARBER - M24 0109462

SERIAL NUMBER: C6349175. __0
TARGET NUMBER: 1
FILE DATE: 12/04/2008
FILE TIME: 13:45

X CENTROID: -0.205
Y CENTROID: 0.012
POA TO CENTROID: 0.205
HORZ SPREAD: 2.004
VERT SPREAD: 1.718
GROUP SPREAD: 2.063
MIN RADIUS: 0.090
MAX RADIUS: 1.271
MEAN RADIUS: 0.751

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.285	-0.658
2:	-0.826	-0.665
3:	-0.429	-0.314
4:	-0.169	-0.070
5:	0.281	-0.274
6:	0.719	-0.485
7:	0.373	0.295
8:	0.332	0.623
9:	-0.390	0.617
10:	-0.652	1.053



TARGET APPROX 1/2 SCALE

BARBER - M24 0109463

SERIAL NUMBER: C6349175. __0

TARGET NUMBER: 2

FILE DATE: 12/04/2008

FILE TIME: 13:45

X CENTROID: -0.019

Y CENTROID: -0.112

POA TO CENTROID: 0.114

HORZ SPREAD: 1.005

VERT SPREAD: 1.454

GROUP SPREAD: 1.493

MIN RADIUS: 0.280

MAX RADIUS: 0.800

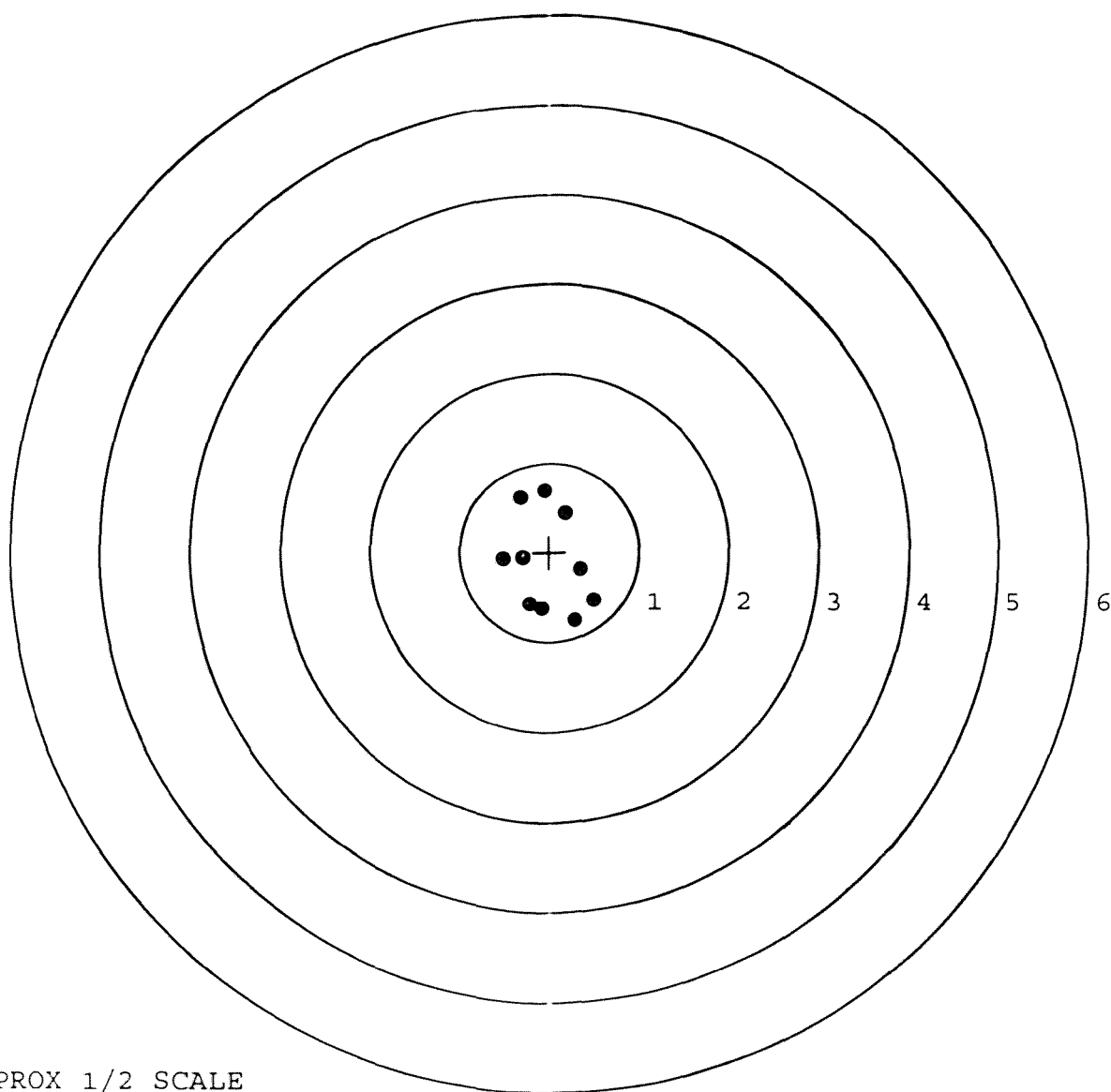
MEAN RADIUS: 0.575

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.281	-0.767
2:	0.497	-0.546
3:	0.348	-0.196
4:	-0.088	-0.636
5:	-0.223	-0.580
6:	-0.508	-0.075
7:	-0.295	-0.064
8:	0.177	0.439
9:	-0.056	0.687
10:	-0.324	0.616



TARGET APPROX 1/2 SCALE

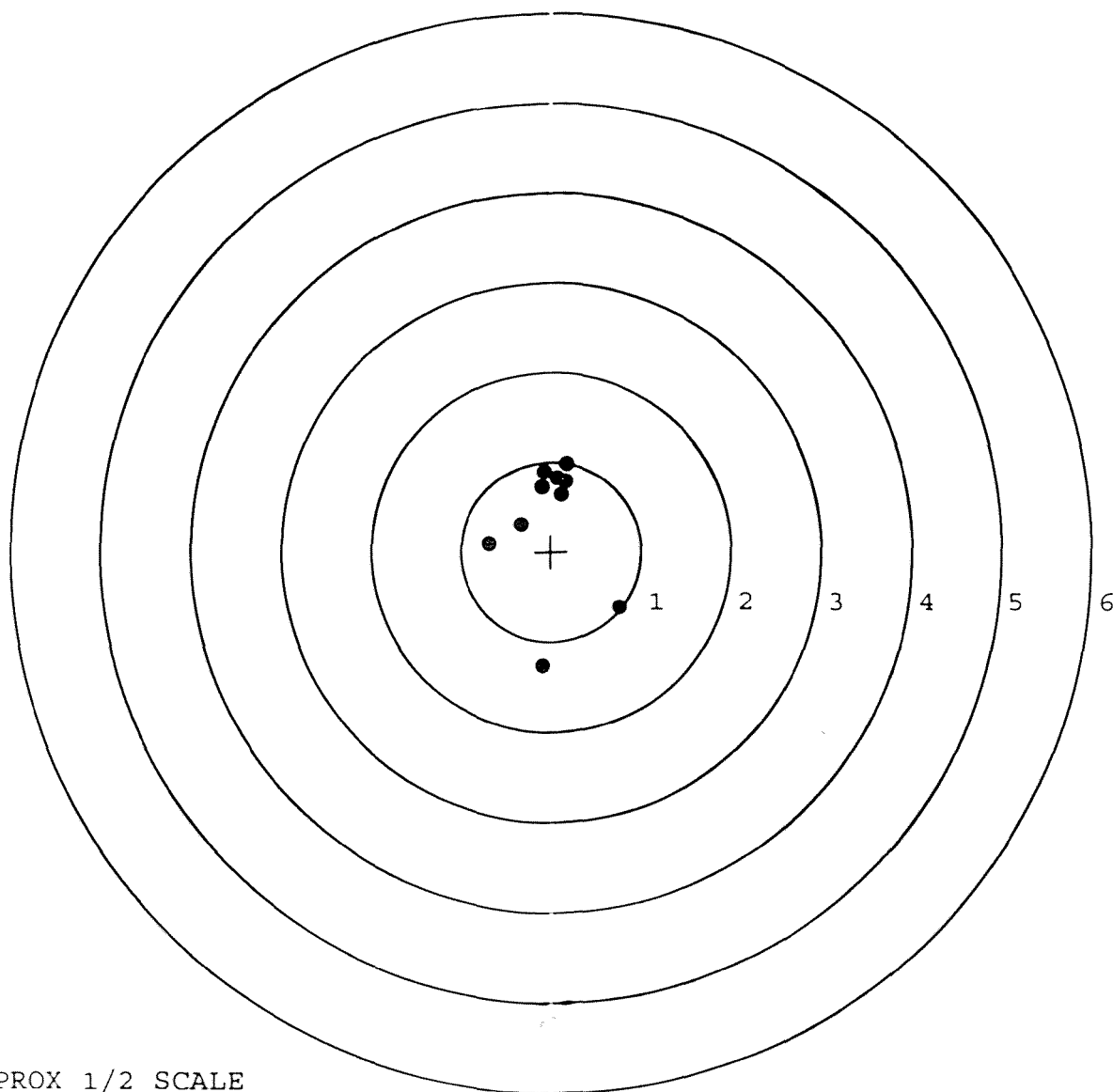
BARBER - M24 0109464

SERIAL NUMBER: C6349175. __0
TARGET NUMBER: 3
FILE DATE: 12/04/2008
FILE TIME: 13:45

X CENTROID: -0.002
Y CENTROID: 0.334
POA TO CENTROID: 0.334
HORZ SPREAD: 1.451
VERT SPREAD: 2.246
GROUP SPREAD: 2.262
MIN RADIUS: 0.324
MAX RADIUS: 1.607
MEAN RADIUS: 0.683

POINT#	X	Y
1:	-0.097	-1.271
2:	0.764	-0.624
3:	-0.687	0.093
4:	-0.339	0.306
5:	-0.104	0.722
6:	0.117	0.635
7:	0.165	0.783
8:	0.175	0.975
9:	0.067	0.826
10:	-0.078	0.891

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



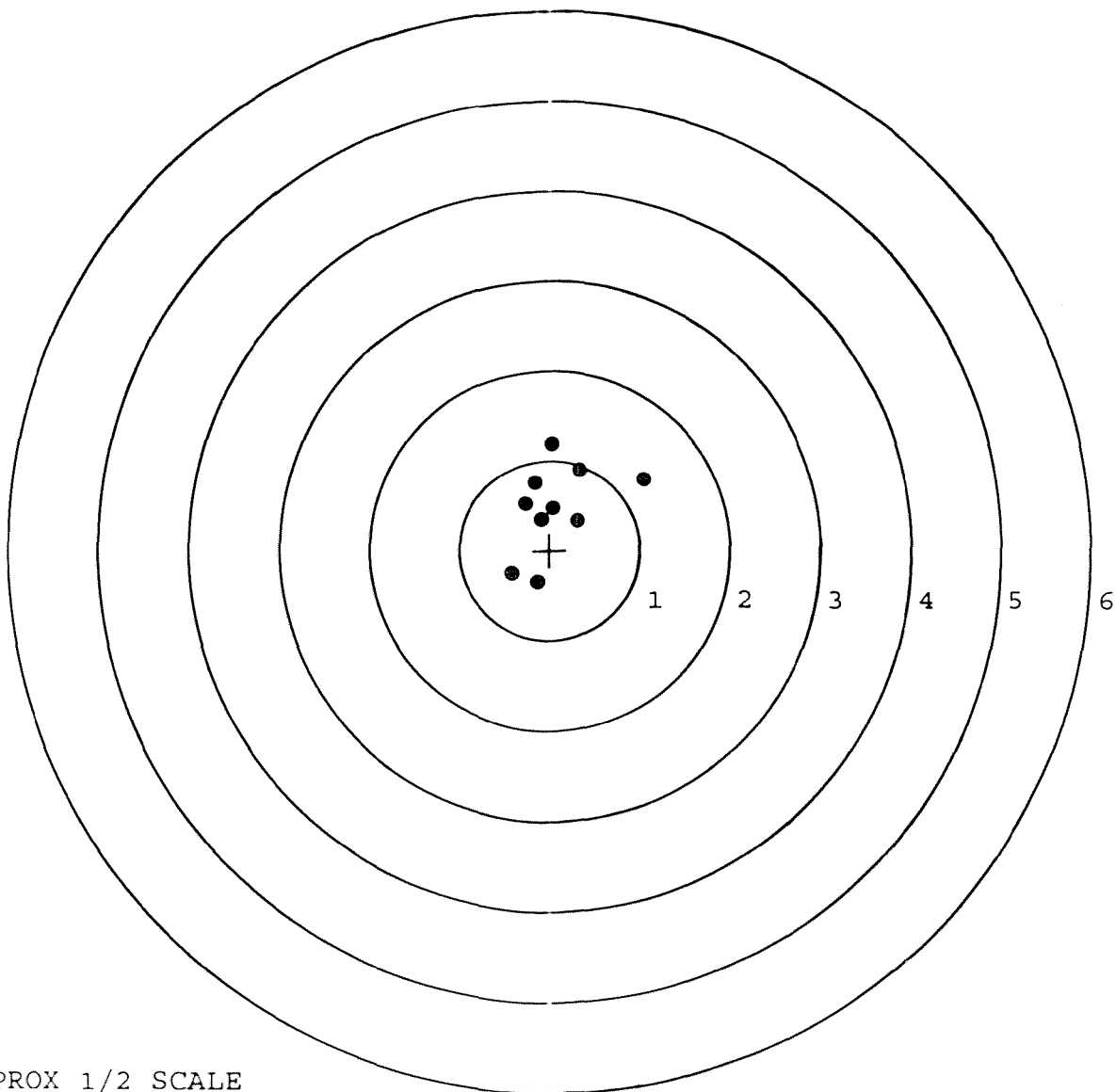
TARGET APPROX 1/2 SCALE

BARBER - M24 0109465

SERIAL NUMBER: C6349175. __ 0
 TARGET NUMBER: 4
 FILE DATE: 12/04/2008
 FILE TIME: 13:45

X CENTROID: 0.068
 Y CENTROID: 0.467
 POA TO CENTROID: 0.472
 HORZ SPREAD: 1.461
 VERT SPREAD: 1.541
 GROUP SPREAD: 1.797
 MIN RADIUS: 0.030
 MAX RADIUS: 1.031
 MEAN RADIUS: 0.520
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.137	-0.355
2:	-0.415	-0.255
3:	-0.098	0.344
4:	-0.272	0.524
5:	-0.165	0.757
6:	0.038	0.469
7:	0.310	0.322
8:	1.046	0.792
9:	0.335	0.890
10:	0.033	1.186



TARGET APPROX 1/2 SCALE

BARBER - M24 0109466

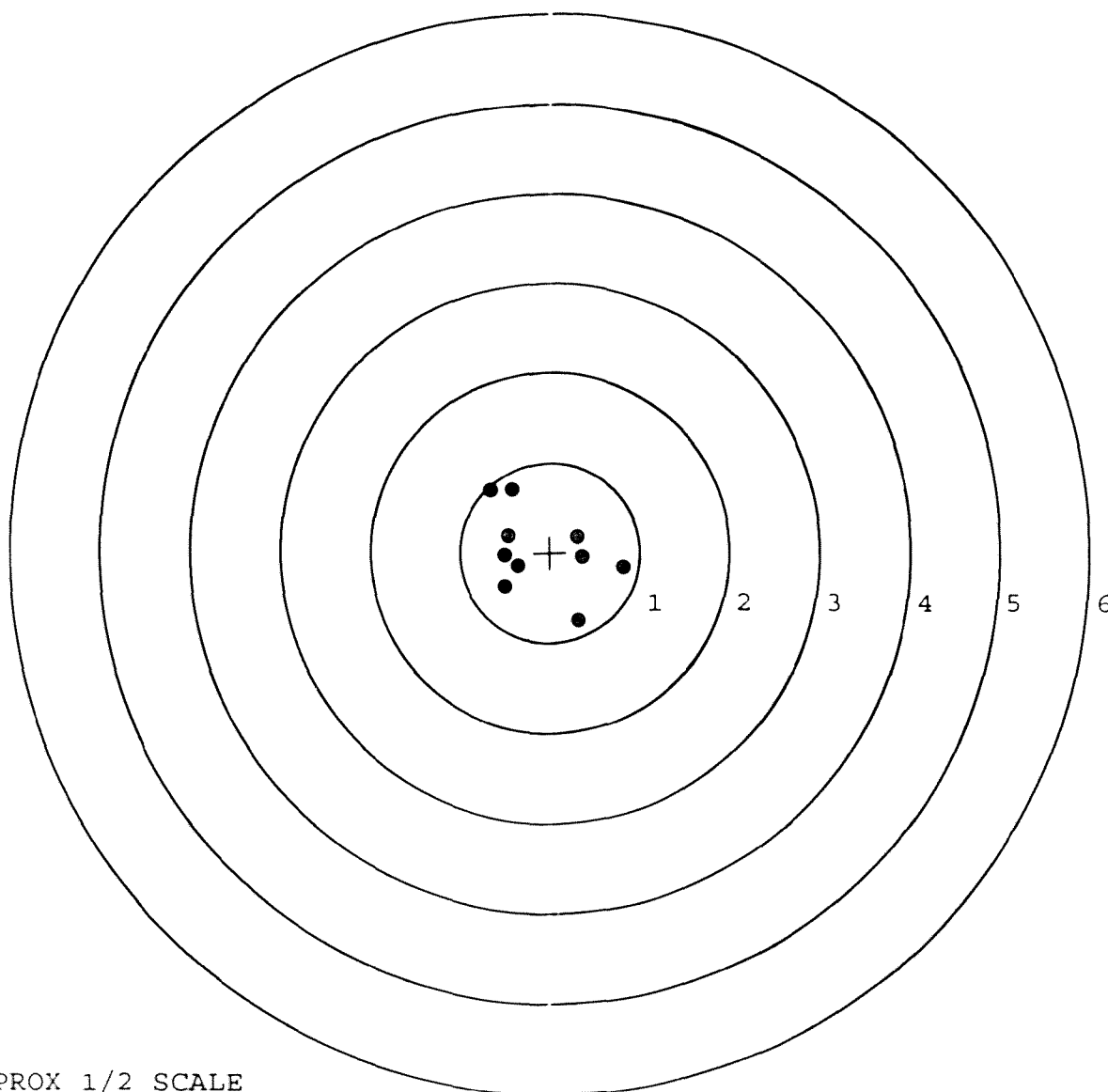
SERIAL NUMBER: C6349175. __0

TARGET NUMBER: 5

FILE DATE: 12/04/2008

FILE TIME: 13:45

		POINT#	X	Y
		1:	0.323	-0.762
		2:	0.817	-0.164
		3:	0.361	-0.057
		4:	0.308	0.169
X CENTROID:	-0.111	5:	-0.505	-0.378
Y CENTROID:	0.022	6:	-0.358	-0.151
POA TO CENTROID:	0.113	7:	-0.503	-0.030
HORZ SPREAD:	1.481	8:	-0.461	0.189
VERT SPREAD:	1.467	9:	-0.664	0.698
GROUP SPREAD:	1.714	10:	-0.426	0.705
MIN RADIUS:	0.302			
MAX RADIUS:	0.946			
MEAN RADIUS:	0.604			
# IN 1 IN DIAMETER:	5			
# IN 2 IN DIAMETER:	10			
# in 3 IN DIAMETER:	10			



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349175

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9 .89		RW
600	Proof	10-9 .89		K
607	Check Headspace	10-9 .89		RW
610	Dis-assemble Gun	10-9 .89		RW
612	Magnaflux Barrel Action	REJECT	11/2/89	KCR
	Magnaflux Bolt		11/2/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	11 9 89		
618	Polish Barrel	11 9 89		
620	Apply Coatings (Barrel Action)		11-17-89	TH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

BARBER - M24 0109468

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			
	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			
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo			
655	Final Inspection A) Headspace			
	B) Trigger Pull			
	C) Function			
660	Pack			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349175

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	11-8	89	RW
600	Proof	11-8	89	RW
607	Check Headspace	11-8	89	RW
610	Dis-assemble Gun	11-8	89	RW
612	Magnaflux Barrel Action	11-9-89		KCR
	Magnaflux Bolt	11-9-89		KCR
615	Rollmark Caliber		11/9/89	CS
617	Drill and Tap Sight Holes	11 9	89	JB
618	Polish Barrel RB	11 9	89	BT
620	Apply Coatings (Barrel Action)		11-17-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/27/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/27/89	RW
	C) Inspect Ejector Hole for Chamfer		11/27/89	RW
	D) Oil Firing Pin Ass'y		11/27/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4 Dec 89	DS

BARBER - M24 0109470

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			4 Dec 89	JSB
	G) Safety Off Force	3	3	3			4 Dec 89	JSB
	H) Trigger Pull Test & Retainability						4 Dec 89	JSB
	I) Firing Pin Indent	.021	.0215	.021			4 Dec 89	JSB
	J) Assemble Stock						12/5/89	RW
	K) Assemble Swivel Studs						7 Dec 89	JSB
	L) Attach Front and Rear Sight Assemblies						12/5/89	RW
	M) Iron Sight Alignment						12/5/89	RW
	N) Detach Front & Rear Sights & place in numbered container						12/5/89	RW
	O) Attach Scope to Rifle						5 Dec 89	JSB
	P) Detach & Attach Scope 20 Times						5 Dec 89	JSB
640	Gallery Target & Test						12-6-89	JSB
	A) Time						12-6-89	JSB
	B) Malfunctions						12-6-89	JSB
	C) Pierced Primers						12-6-89	JSB
	D) Optical Clarity of Scope						12-6-89	JSB
645	Inspect for Live Ammo						12-6-89	JSB
655	Final Inspection						7 Dec 89	JSB
	A) Headspace						7 Dec 89	JSB
	B) Trigger Pull	2.45	2.81	2.75	2.74	2.60	7 Dec 89	JSB
	C) Function						7 Dec 89	JSB
660	Pack						18 Dec 89	JSB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349175DATE 4-5-90TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.46	2.39	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.29	2.29	
PULL #3	2.50	2.34	2.40	
PULL #4	2.33	2.40	2.40	
PULL #5	2.37	2.35	2.39	
TOTAL	12.12	11.77	11.77	
AVG.	2.42	2.35	2.35	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.15	3.75	
PULL #2	3.24	3.07	
PULL #3	3.24	3.14	
PULL #4	3.21	3.14	
PULL #5	3.23	3.09	
TOTAL	16.07	15.59	
AVG.	3.21	3.11	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.29		
PULL #2	4.25	4.40		
PULL #3	4.26	4.27		
PULL #4	4.13	4.24		
PULL #5	4.28	4.28		
TOTAL	21.20	21.48		
AVG.	4.24	4.29		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349175
6 Dec 1989

CENTROIDAL DISTANCES

0 TO	1	.514942
1 TO	2	.745598
1 TO	3	.214114
1 TO	4	1.06925
1 TO	5	.71537

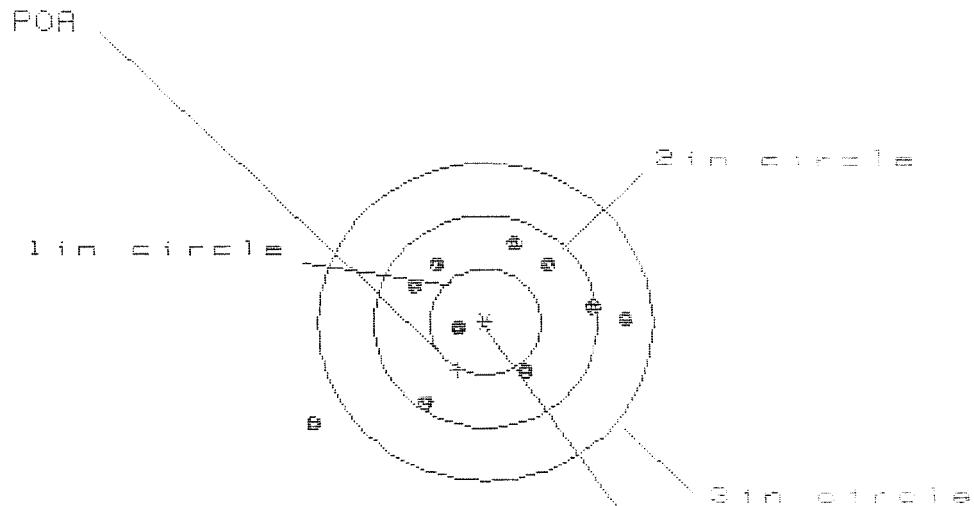
2
4 + 5 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.033
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2208
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .223252
THE AMR FOR THIS RIFLE IS: .9404

6 Dec 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08345175

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 9

HS= 2.795

VS= 1.699

GS= 2.979

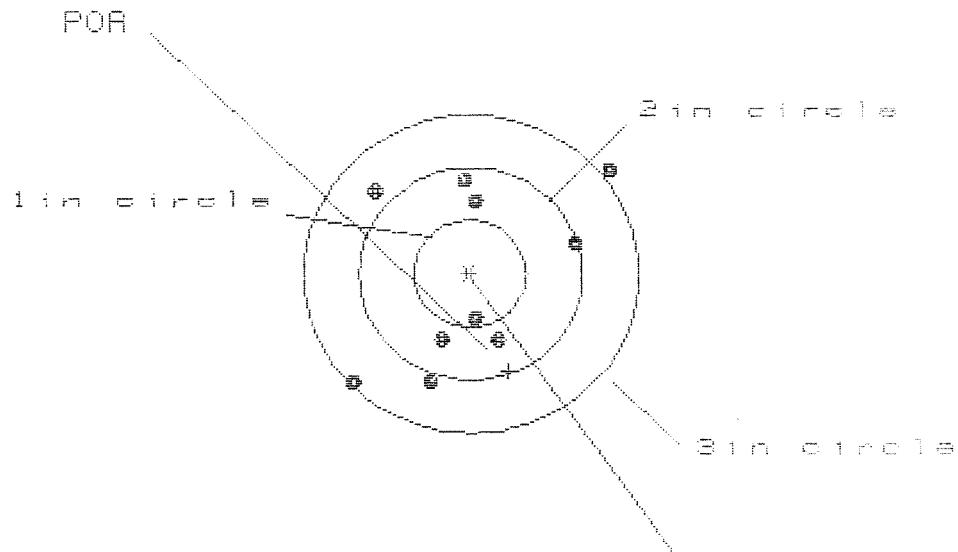
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.280	1.112	.984
MINIMUM X	:	-1.515	-.846	-.787
MAXIMUM Y	:	.700	.589	.579
MINIMUM Y	:	-.999	-.914	-.924
CENTROID X	:	.243	.411	.272
CENTROID Y	:	.454	.565	.575
POA TO CENTROID in.	:	.515	.699	.636
MIN RADIUS	:	.213	.408	.291
MEAN RADIUS	:	.884	.767	.709
MAX RADIUS	:	1.815	1.167	1.094
HORIZONTAL SPREAD	:	2.795	1.958	1.611
VERTICAL SPREAD	:	1.699	1.503	1.503
EXTREME SPREAD	:	2.979	2.017	1.769
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		

6 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06249175

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.311

VS= 1.975

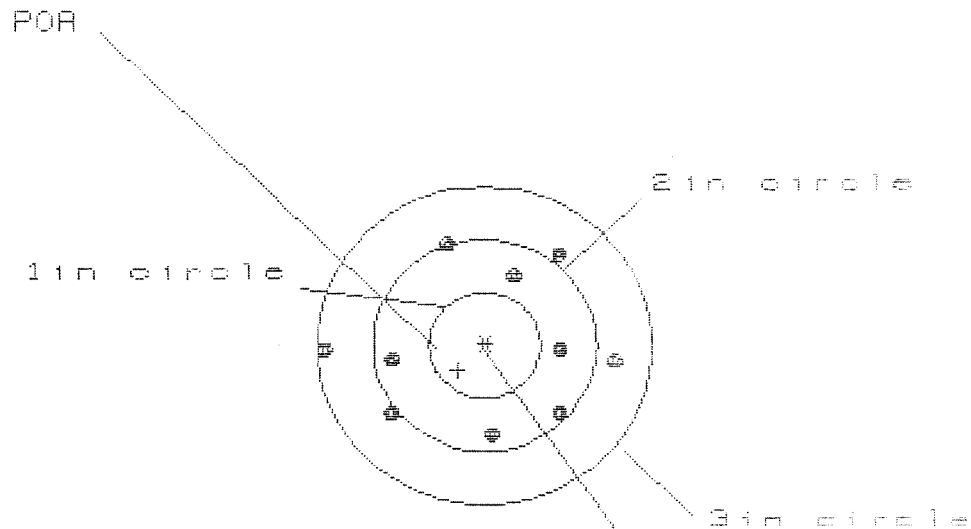
GS= 3.032

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.264	1.062	.949
MINIMUM X	:	-1.047	-.907	-.860
MAXIMUM Y	:	.988	1.028	.920
MINIMUM Y	:	-.987	-.877	-.985
CENTROID X	:	-.343	-.483	-.370
CENTROID Y	:	.915	.805	.913
POA TO CENTROID in.	:	.977	.939	.985
MIN RADIUS	:	.440	.396	.445
MEAN RADIUS	:	.954	.867	.814
MAX RADIUS	:	1.604	1.253	1.159
HORIZONTAL SPREAD	:	2.311	1.969	1.809
VERTICAL SPREAD	:	1.975	1.905	1.905
EXTREME SPREAD	:	3.032	2.320	1.940
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06949175

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.575

VS= 1.823

GS= 2.576

CENTROID +

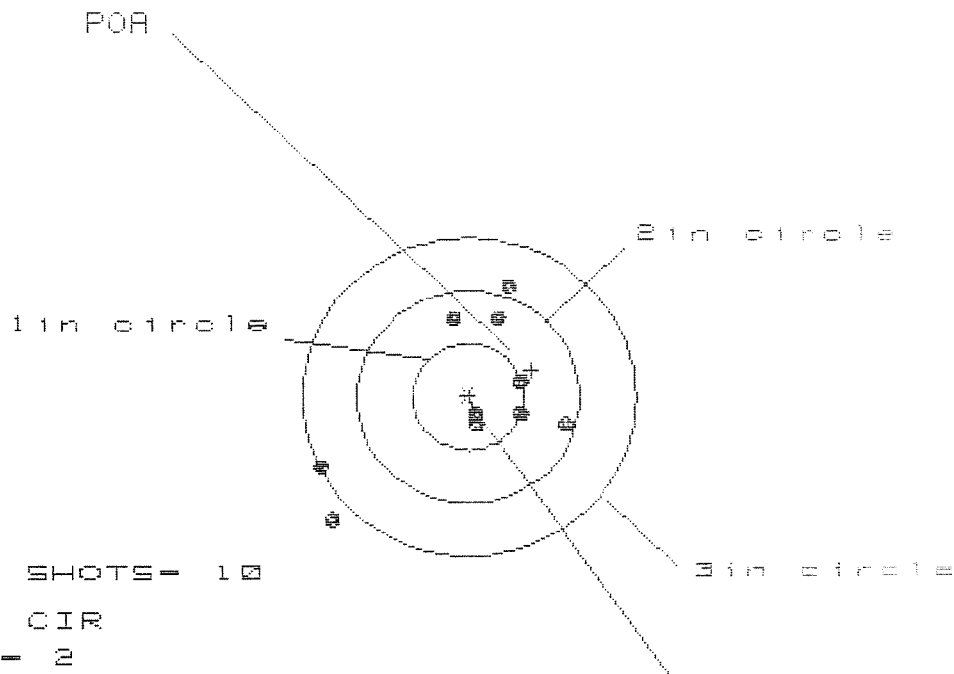
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.144	.985	.661
MINIMUM X	:	-1.431	-.988	-.865
MAXIMUM Y	:	.943	.938	.923
MINIMUM Y	:	-.880	-.885	-.899
CENTROID X	:	.236	.395	.272
CENTROID Y	:	.240	.245	.260
POA TO CENTROID in.	:	.336	.464	.376
MIN RADIUS	:	.616	.457	.581
MEAN RADIUS	:	.971	.897	.888
MAX RADIUS	:	1.432	1.157	1.064
HORIZONTAL SPREAD	:	2.575	1.973	1.526
VERTICAL SPREAD	:	1.823	1.823	1.823
EXTREME SPREAD	:	2.576	2.102	2.102
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08945175

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.242

VS= 2.152

GS= 2.677

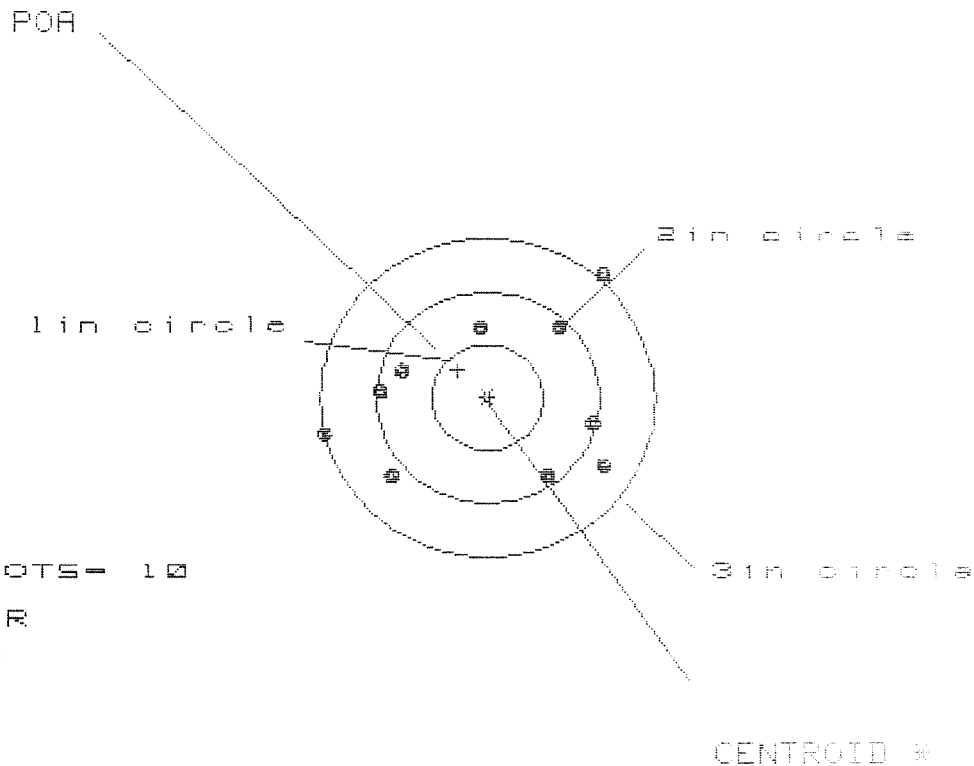
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.897	.762	.577
MINIMUM X	:	-1.345	-1.480	-.446
MAXIMUM Y	:	1.008	.880	.787
MINIMUM Y	:	-1.145	-.744	-.519
CENTROID X	:	-.567	-.432	-.247
CENTROID Y	:	-.244	-.117	-.024
POA TO CENTROID in.	:	.618	.447	.248
MIN RADIUS	:	.195	.315	.220
MEAN RADIUS	:	.829	.705	.560
MAX RADIUS	:	1.673	1.657	.789
HORIZONTAL SPREAD	:	2.242	2.242	1.023
VERTICAL SPREAD	:	2.152	1.624	1.386
EXTREME SPREAD	:	2.677	2.363	1.410
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8345175

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 2.531

VS= 1.896

GS= 2.851

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.072	1.183	1.014
MINIMUM X	:	-1.459	-1.348	-1.031
MAXIMUM Y	:	1.131	.759	.734
MINIMUM Y	:	-.765	-.640	-.664
CENTROID X	:	.266	.155	.324
CENTROID Y	:	-.261	-.387	-.362
POA TO CENTROID in.	:	.373	.417	.486
MIN RADIUS	:	.639	.760	.748
MEAN RADIUS	:	1.064	1.009	.955
MAX RADIUS	:	1.506	1.362	1.158
HORIZONTAL SPREAD	:	2.531	2.531	2.045
VERTICAL SPREAD	:	1.896	1.399	1.399
EXTREME SPREAD	:	2.851	2.553	2.180
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

BARBER - M24 0109478

UPC



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

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