

C6349195

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Repair Number: RE00074615	Serial: C6349195 Model 700 Center Fire Caliber 7 62 NATO M24 SWS Produced: 06/19/1990	Repairman:	Status: Closed 12/29/2003 10:36:04 AM
Verify Repair			

Address Information	
Customer: Name: HHC 3/327	Received From: HHC 3/327
Address 1:	Address 2:
City: FORT CAMPBELL	City: 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: Fax: Email: Comments:	Received Condition Fair Condition Notes: CSR Notes:	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Studs</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Bases</td> <td>3</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Studs	3	A010	Hard Case	1	A017	Scope Bases	3	A026	Scope	1
Code	Desc	Qty																	
A007	With Studs	3																	
A010	Hard Case	1																	
A017	Scope Bases	3																	
A026	Scope	1																	

Repair Search	Refresh	Close
----------------------	----------------	--------------

negleij	1/5/2004	9:04 AM	CAPS	NUM	INS	SC-PL
---------	----------	---------	------	-----	-----	-------

start 3

Serial Number: **C6349195**

Model: **700**



RE00074615

BARBER - M24 0109949
 INITIAL & CYCLE TESTS
 2.50 LBS (plus or minus 0.50 LBS)
 3.00 LBS (plus or minus 0.75 LBS)
 4.00 LBS (plus or minus 1.00 LBS)

DATE 1-5-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.66	2.80		2.63	
PULL #2	2.67	2.73		2.65	
PULL #3	2.76	2.54		2.60	
PULL #4	2.78	2.52		2.60	
PULL #5	2.60	2.55		2.56	
TOTAL	13.47	13.14		13.04	
AVERAGE	2.69	2.62		2.60	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.16		
PULL #2	3.34	3.22		
PULL #3	3.36	3.26		
PULL #4	3.33	3.26		
PULL #5	3.28	3.23		
TOTAL	16.66	16.13		
AVERAGE	3.33	3.22		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.11	4.25		4.27
PULL #2	4.35	4.36		4.29
PULL #3	4.34	4.39		4.21
PULL #4	4.27	4.47		4.26
PULL #5	4.38	4.48		4.24
TOTAL	21.45	21.95		21.27
AVERAGE	4.29	4.39		4.25

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349195.__0

FILE DATE AND TIME: 01/22/2004 10:21

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.095
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.096
The Average Mean Radius of the Five Target Set:	0.636
The Distance from POA to Centroid Target #1:	0.296
The Distance from Centroid Target #2 to Centroid Target #1:	0.086
The Distance from Centroid Target #3 to Centroid Target #1:	0.226
The Distance from Centroid Target #4 to Centroid Target #1:	0.223
The Distance from Centroid Target #5 to Centroid Target #1:	0.473

SERIAL NUMBER: C6349195. __ 0

TARGET NUMBER: 1

FILE DATE: 01/22/2004

FILE TIME: 10:21

POINT#	X	Y
1:	0.389	0.835
2:	-0.249	0.545
3:	-0.042	0.358
4:	0.223	-0.100
5:	-0.186	-0.095
6:	-0.133	-0.331
7:	-0.411	-0.640
8:	1.101	-0.343
9:	0.905	-0.110
10:	1.349	0.129

X CENTROID: 0.295

Y CENTROID: 0.025

POA TO CENTROID: 0.296

HORZ SPREAD: 1.760

VERT SPREAD: 1.475

GROUP SPREAD: 1.921

MIN RADIUS: 0.144

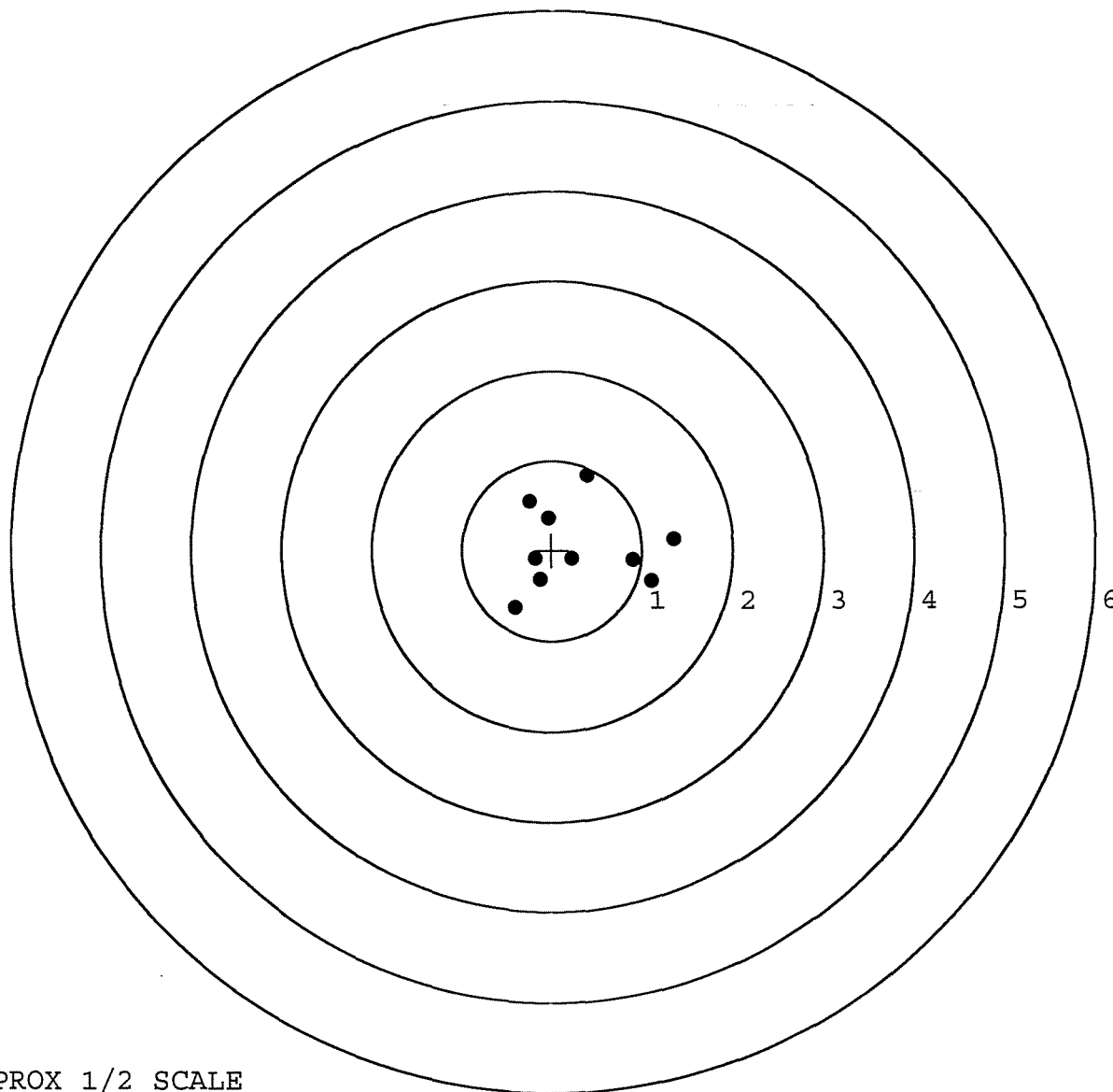
MAX RADIUS: 1.060

MEAN RADIUS: 0.678

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349195. 0

TARGET NUMBER: 2

FILE DATE: 01/22/2004

FILE TIME: 10:21

X CENTROID: 0.211

Y CENTROID: 0.046

POA TO CENTROID: 0.216

HORZ SPREAD: 1.982

VERT SPREAD: 2.332

GROUP SPREAD: 2.540

MIN RADIUS: 0.120

MAX RADIUS: 1.488

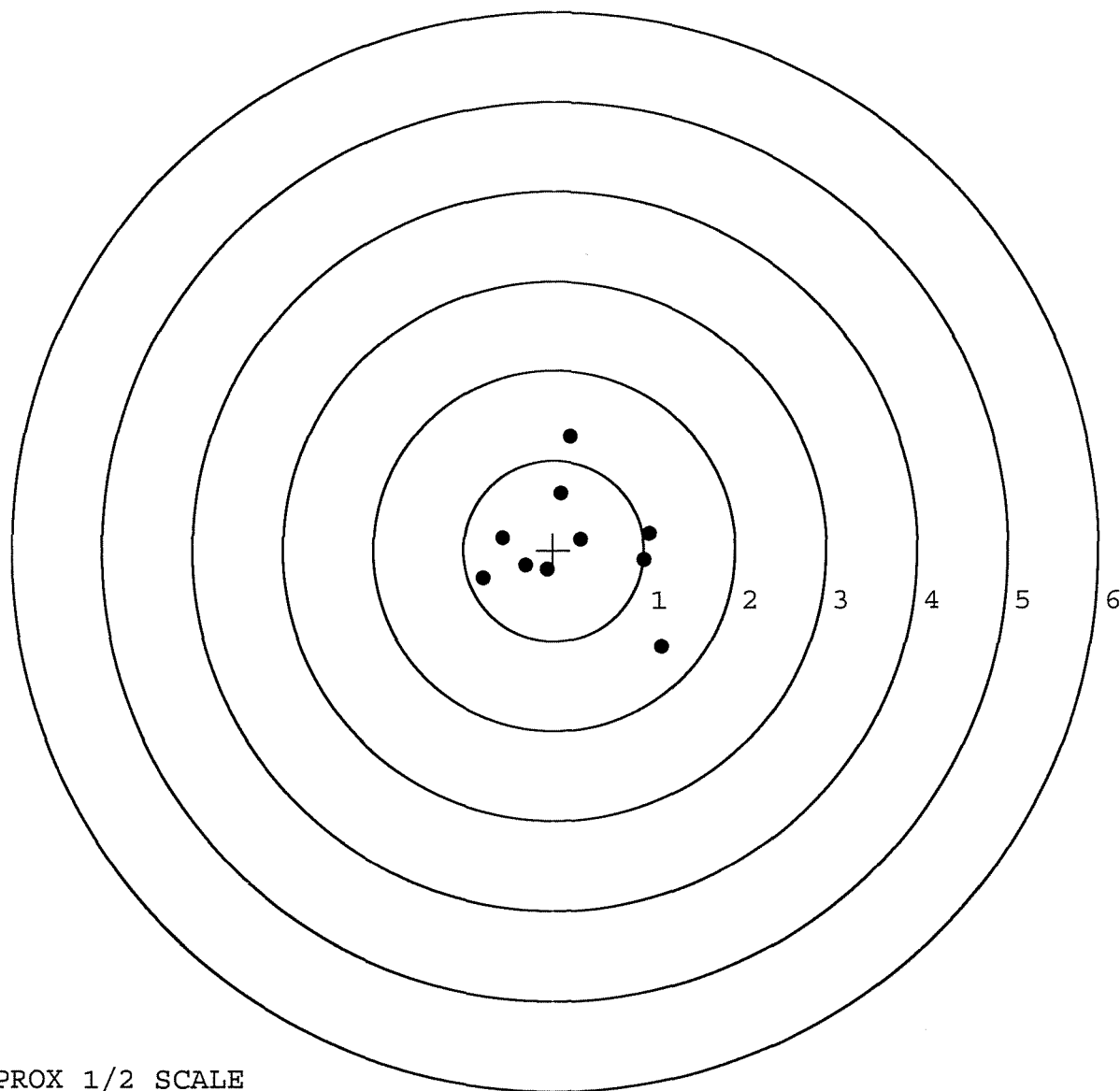
MEAN RADIUS: 0.787

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.190	1.263
2:	0.082	0.628
3:	0.305	0.121
4:	1.058	0.185
5:	1.005	-0.109
6:	1.196	-1.069
7:	-0.561	0.134
8:	-0.072	-0.217
9:	-0.309	-0.167
10:	-0.786	-0.307



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349195. __ 0

TARGET NUMBER: 3

FILE DATE: 01/22/2004

FILE TIME: 10:21

X CENTROID: 0.075

Y CENTROID: -0.030

POA TO CENTROID: 0.081

HORZ SPREAD: 1.363

VERT SPREAD: 1.375

GROUP SPREAD: 1.600

MIN RADIUS: 0.078

MAX RADIUS: 0.942

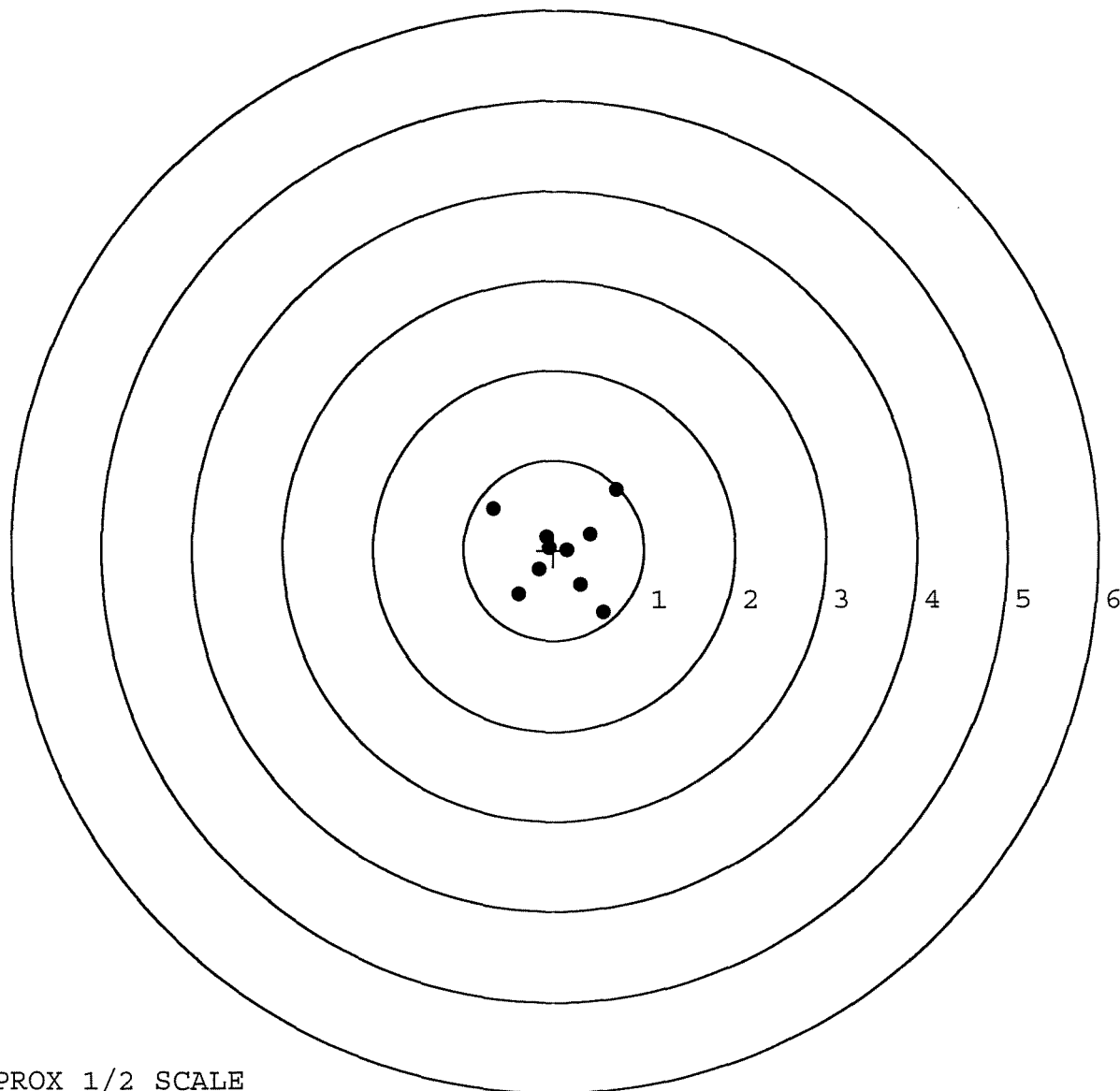
MEAN RADIUS: 0.489

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.696	0.678
2:	-0.667	0.462
3:	0.557	-0.697
4:	0.295	-0.391
5:	-0.393	-0.494
6:	-0.074	0.153
7:	0.405	0.179
8:	-0.166	-0.222
9:	-0.047	0.028
10:	0.147	0.001



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349195. __0

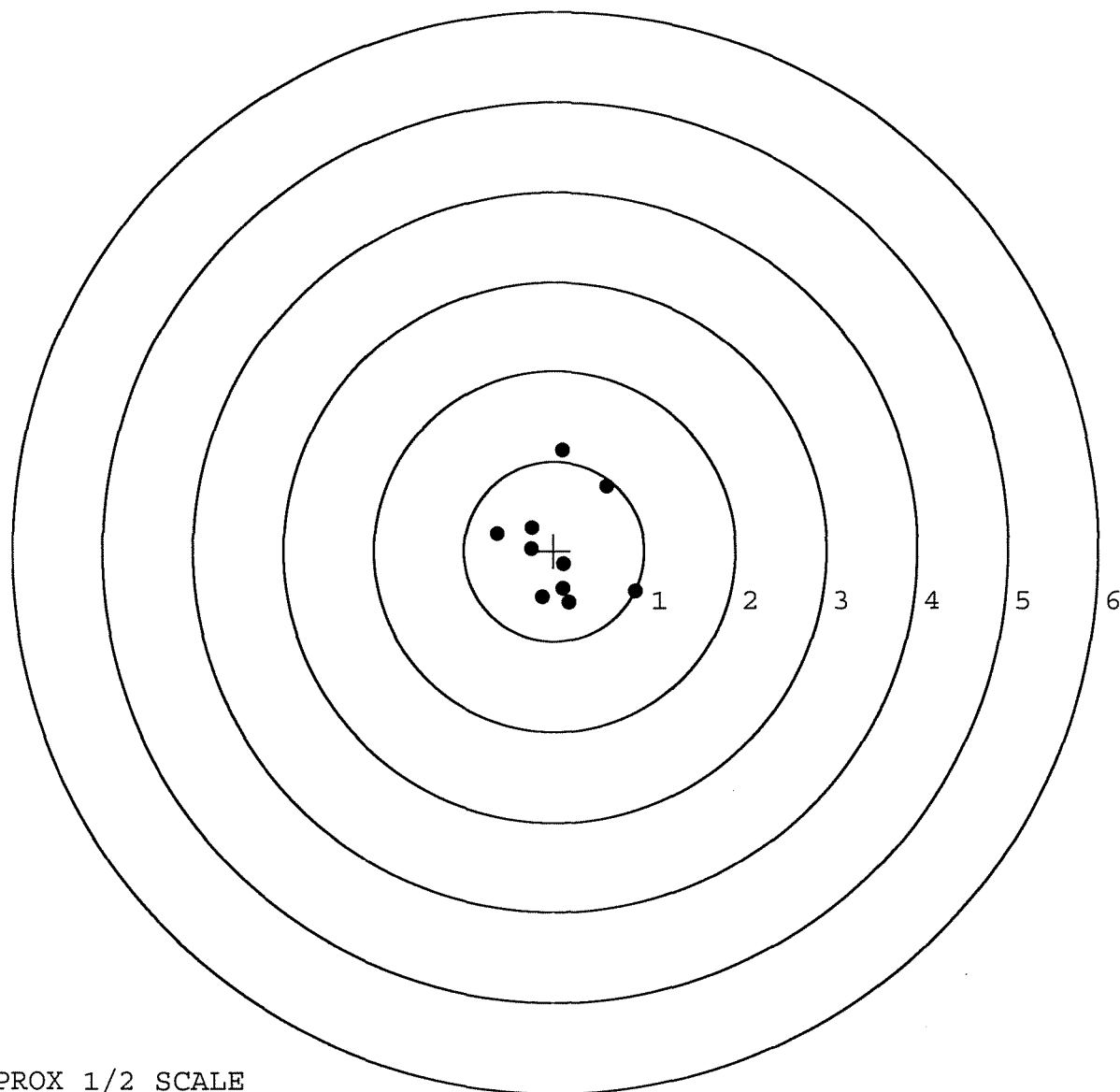
TARGET NUMBER: 4

FILE DATE: 01/22/2004

FILE TIME: 10:21

X CENTROID: 0.072
 Y CENTROID: 0.021
 POA TO CENTROID: 0.075
 HORZ SPREAD: 1.540
 VERT SPREAD: 1.701
 GROUP SPREAD: 1.768
 MIN RADIUS: 0.176
 MAX RADIUS: 1.105
 MEAN RADIUS: 0.617
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.096	1.125
2:	0.584	0.725
3:	0.904	-0.448
4:	-0.247	0.256
5:	-0.248	0.024
6:	-0.636	0.189
7:	0.112	-0.151
8:	-0.127	-0.514
9:	0.173	-0.576
10:	0.106	-0.425



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349195. __0

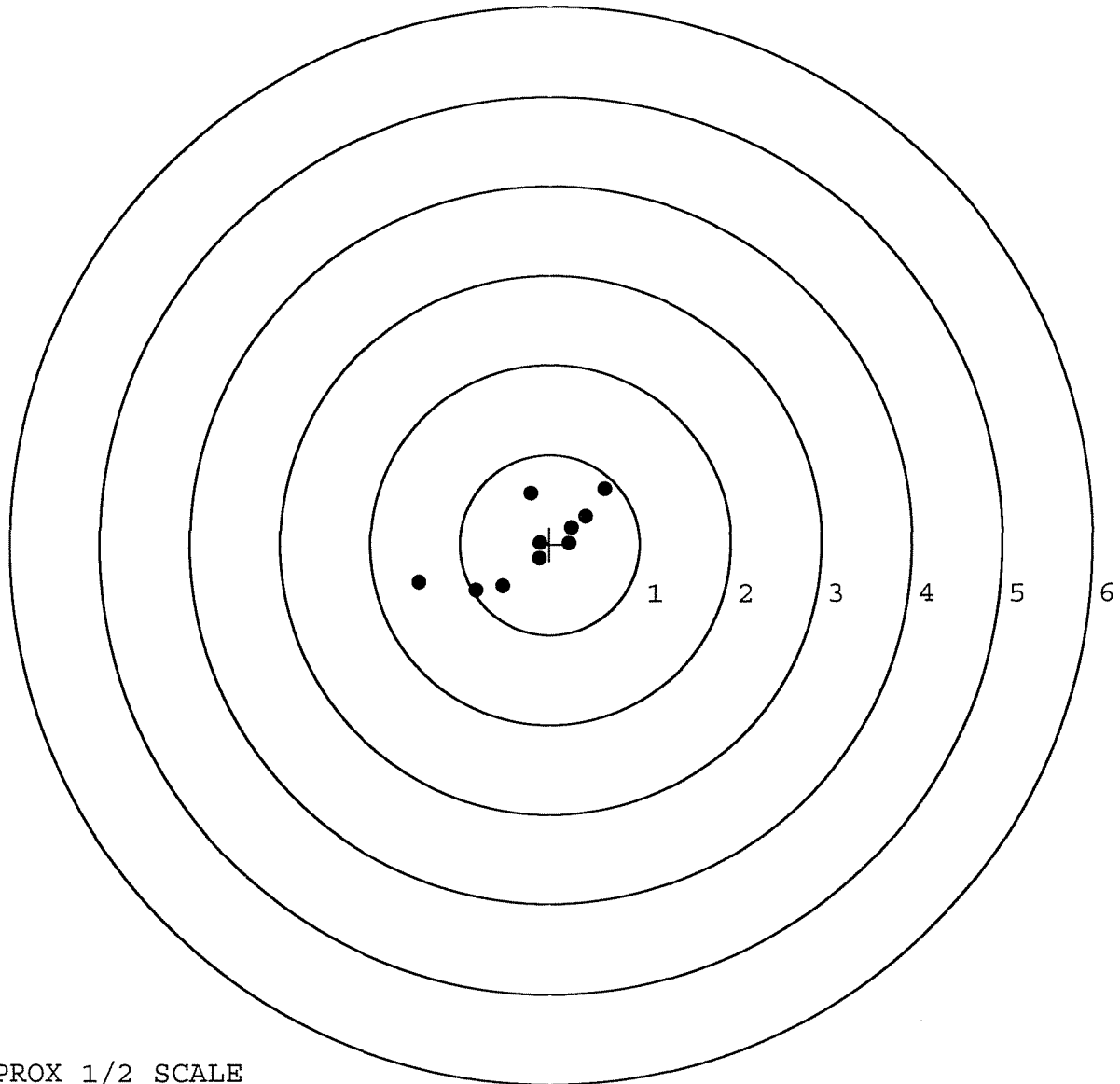
TARGET NUMBER: 5

FILE DATE: 01/22/2004

FILE TIME: 10:21

X CENTROID: -0.178
 Y CENTROID: 0.013
 POA TO CENTROID: 0.178
 HORZ SPREAD: 2.070
 VERT SPREAD: 1.130
 GROUP SPREAD: 2.320
 MIN RADIUS: 0.069
 MAX RADIUS: 1.355
 MEAN RADIUS: 0.608
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.612	0.614
2:	0.397	0.312
3:	-0.216	0.572
4:	-1.458	-0.433
5:	-0.825	-0.516
6:	-0.520	-0.469
7:	-0.115	-0.162
8:	-0.109	0.018
9:	0.216	0.009
10:	0.239	0.181



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATION REPORT

R 96-04791

INITIAL FPS	CUSTOMER ORDER NO.	M-24 SNIPER W/10X LEUPOLD SCOPE			
DATE RECEIVED 02/12/96	DATE OPENED 02/12/96	DATE CODE	SERIAL NUMBER C6349195	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES	HARD CASE	SCOPE MNTS	SCOPE BASE	W/STUDS	W/SWIVELS
W/SCOPE SHADE					

FROM:

U S ARMY
C CO. 3/5 SFG (A)
FT CAMPBELL

KY 42223

SHIP TO:

U S ARMY
C CO. 3/5 SFG (A)
FT CAMPBELL

KY
42223

CUST NO:137790 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	PROM. DATE	ESTIMATED	VIA UPS
WRITE ☐				
GUN CONDITION				REPAIR CHARGE
☐ NEW				EXCISE
☐ LIGHTLY WORN				TAX
☐ WORN				INSURANCE
☐ VERY WORN				UPS
☐ UNREPAIRABLE				PARCEL POST
☐ MARRED				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

ARTS	COMMENTS					
	REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
	GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

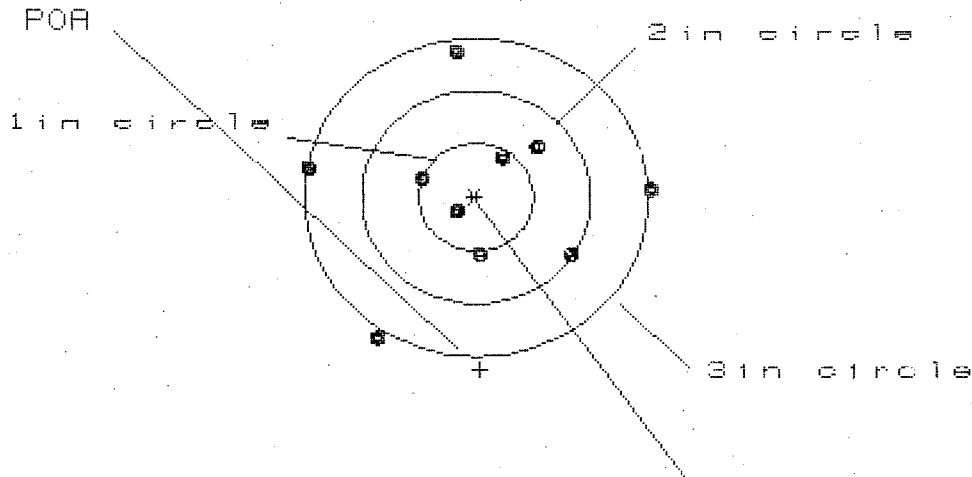
BARBER - M24 M2400109957

2/13/96

13 Jan 1988

FILE://PATTERNING/CENTERFIRE_PATT/06349195

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 3

2in - 5

3in = 7

HS- 3.000

VS= 2.671

CS= 3.009

CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.524	1.424	.932
MINIMUM X	:	-1.476	-1.576	-1.398
MAXIMUM Y	:	1.334	1.185	1.174
MINIMUM Y	:	-1.337	-.715	-.726
CENTROID X	:	-.032	.068	-.110
CENTROID Y	:	1.627	1.776	1.787
POA TO CENTROID in.	:	1.627	1.777	1.790
MIN RADIUS	:	.234	.235	.321
MEAN RADIUS	:	.944	.860	.785
MAX RADIUS	:	1.614	1.583	1.405
HORIZONTAL SPREAD	:	3.000	3.000	2.330
VERTICAL SPREAD	:	2.671	1.900	1.900
EXTREME SPREAD	:	3.009	3.009	2.476
NUMBER IN ONE INCH CIRCLE	=	3	5	7
NUMBER IN TWO INCH CIRCLE	=	5	7	8
NUMBER IN THREE INCH CIRCLE	=	7	8	8

Previous

AMR

9854

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 M2409109959

Remington [®]		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM M24		SERIAL NO. C6349195	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		01	



5716 C6349195

UPC



BARBER - M24 0109920

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349195

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		LS
617	Drill and Tap Sight Holes		4/4/90	FB
618	Polish Barrel RW		4/3/90	WB
620	Apply Coatings (Barrel Action)		4-9-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/3/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/4/90	991
	G) Safety Off Force	3	3	3			5/4/90	991
	H) Trigger Pull Test & Retainability						5/3/90	991
	I) Firing Pin Indent	.0215	.0215	.0215			5/4/90	991
	J) Assemble Stock						5/7/90	RW
	K) Assemble Swivel Studs						5/8/90	
	L) Attach Front and Rear Sight Assemblies						5/7/90	RW
	M) Iron Sight Alignment						5/7/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/7/90	RW
	O) Attach Scope to Rifle						5/7/90	991
	P) Detach & Attach Scope 20 Times						5/7/90	991
640	Gallery Target & Test						5-7-90	AC
	A) Time						5-7-90	AC
	B) Malfunctions						5-7-90	AC
	C) Pierced Primers						5-7-90	AC
	D) Optical Clarity of Scope						5-7-90	AC
645	Inspect for Live Ammo						5-7-90	AC
655	Final Inspection						5/8/90	WB
	A) Headspace							
	B) Trigger Pull	2.31	2.33	2.32	2.33	2.30	5/7/90	WB
	C) Function						5/8/90	WB
660	Pack						6-20-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06349195DATE 5/3/90TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.31	2.35	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.22	2.30	2.33	
PULL #3	2.35	2.17	2.41	2.32	
PULL #4	2.34	2.31	2.22	2.33	
PULL #5	2.26	2.41	2.31	2.30	
TOTAL	11.67	11.42	11.59		
AVG.	2.334	2.284	2.318		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.33		
PULL #2	3.31	3.21		
PULL #3	3.32	3.50		
PULL #4	3.34	3.51		
PULL #5	3.43	3.53		
TOTAL	16.71	17.08		
AVG.	3.342	3.416		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.23		4.31
PULL #2	4.45	4.18		4.29
PULL #3	4.33	4.47		4.19
PULL #4	4.38	4.17		4.35
PULL #5	4.53	4.35		4.28
TOTAL	22.02	21.40		21.42
AVG.	4.404	4.28		4.284

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349195
7 May 1990

CENTROIDAL DISTANCES

0 TO	1	.415953
1 TO	2	.383678
1 TO	3	.179903
1 TO	4	.257257
1 TO	5	.13537

SA <----POA

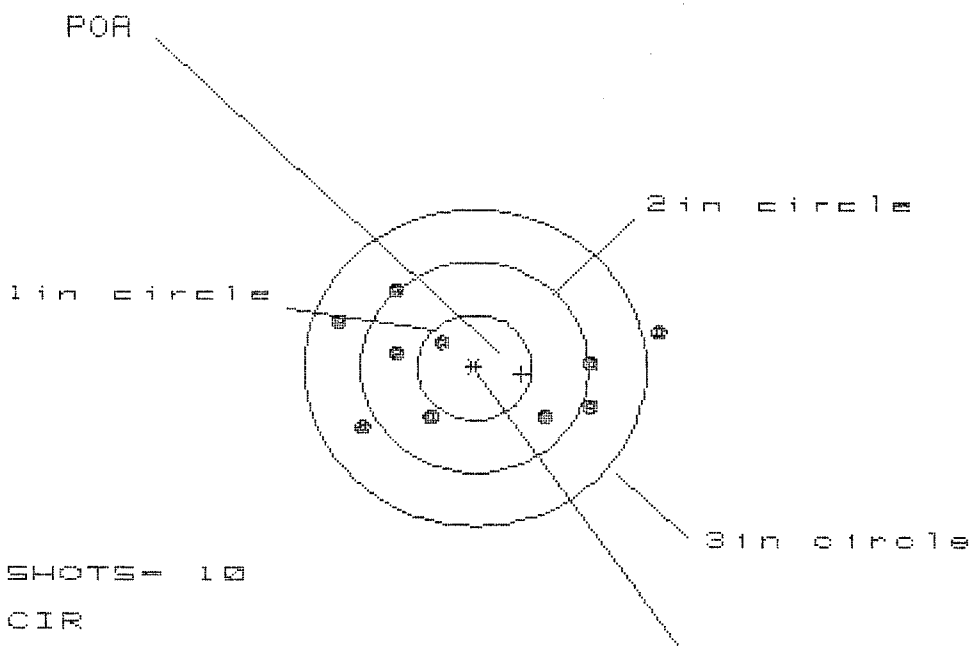
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2254
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0496
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .230793
THE AMR FOR THIS RIFLE IS: .9854

7 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8349195

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.829

VS= 1.261

GS= 2.830

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.600	1.232	1.101
MINIMUM X	-1.229	-1.051	-.982
MAXIMUM Y	.687	.727	.784
MINIMUM Y	-.574	-.534	-.477
CENTROID X	-.411	-.589	-.458
CENTROID Y	.064	.024	-.033
POA TO CENTROID in.	.416	.590	.459
MIN RADIUS	.345	.261	.378
MEAN RADIUS	.956	.846	.819
MAX RADIUS	1.640	1.262	1.120
HORIZONTAL SPREAD	2.829	2.283	2.083
VERTICAL SPREAD	1.261	1.261	1.261
EXTREME SPREAD	2.830	2.402	2.161
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

7 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349195

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 8

CENTROID #

HS= 2.350

VS= 2.633

GS= 3.219

PATTERN #

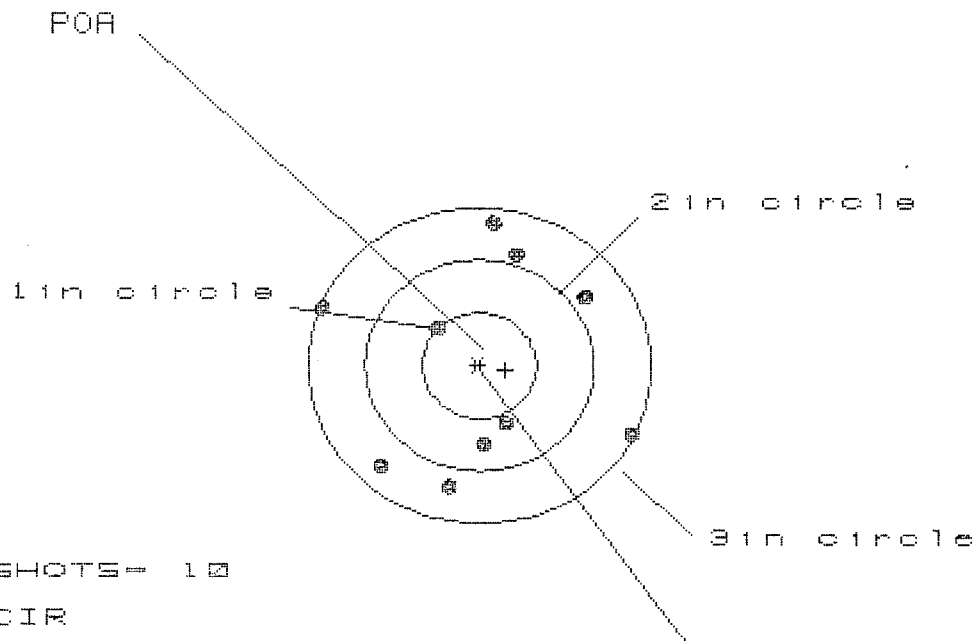
2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.057	1.146	.996
MINIMUM X	-1.293	-1.204	-.866
MAXIMUM Y	1.152	.988	1.088
MINIMUM Y	-1.481	-1.516	-1.416
CENTROID X	-.031	-.120	.030
CENTROID Y	.117	.281	.181
POA TO CENTROID in.	.121	.306	.184
MIN RADIUS	.095	.095	.122
MEAN RADIUS	1.037	.953	.886
MAX RADIUS	1.683	1.516	1.422
HORIZONTAL SPREAD	2.350	2.350	1.862
VERTICAL SPREAD	2.633	2.504	2.504
EXTREME SPREAD	3.219	2.622	2.511
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

7 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8349195

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 0

2in = 3

3in = 10

HS= 2.664

VS= 2.493

GS= 2.907

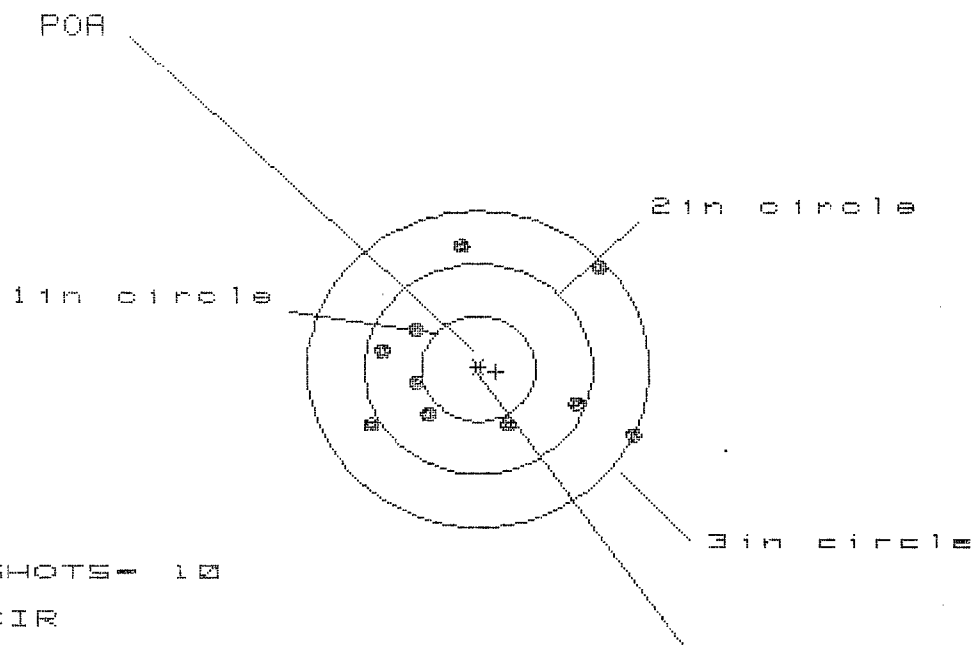
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.294	1.141	.910
MINIMUM X	-1.370	-1.053	-.910
MAXIMUM Y	1.324	1.385	1.317
MINIMUM Y	-1.169	-1.108	-1.176
CENTROID X	-.232	-.079	-.222
CENTROID Y	.046	-.015	.053
POA TO CENTROID in.	.236	.081	.228
MIN RADIUS	.523	.456	.525
MEAN RADIUS	1.069	1.012	.974
MAX RADIUS	1.478	1.385	1.324
HORIZONTAL SPREAD	2.664	2.194	1.820
VERTICAL SPREAD	2.493	2.493	2.493
EXTREME SPREAD	2.907	2.530	2.530
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	10		

7 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349195

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in = 0

2in = 6

3in = 10

HS = 2.257

VS = 1.819

GS = 2.460

CENTROID *

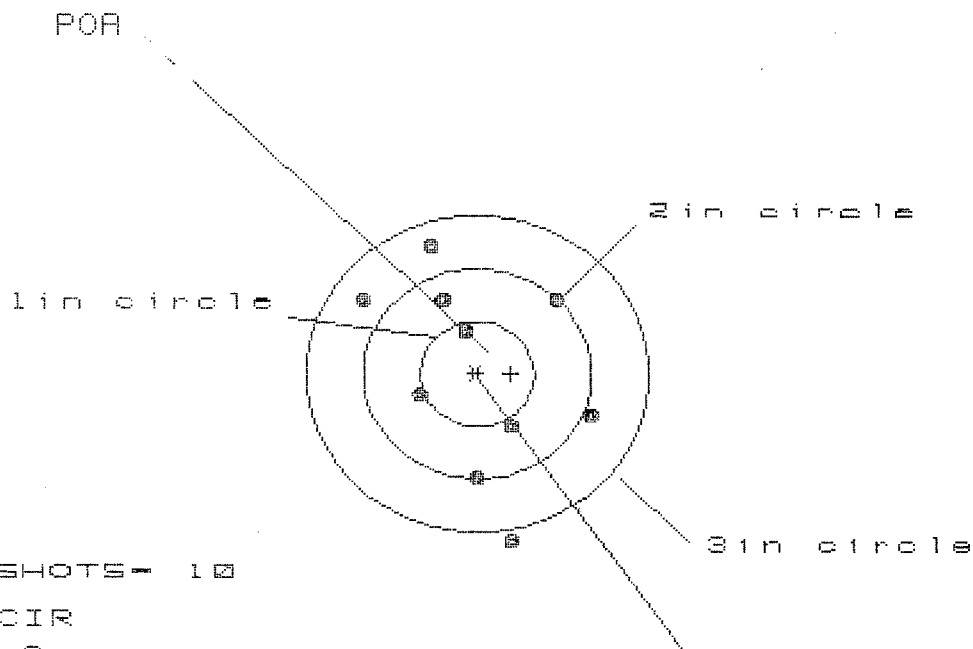
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.309	1.169	1.171
MINIMUM X	:	-.948	-.803	-.657
MAXIMUM Y	:	1.153	1.079	1.188
MINIMUM Y	:	-.666	-.607	-.498
CENTROID X	:	-.156	-.301	-.448
CENTROID Y	:	.030	.104	-.005
POA TO CENTROID in.	:	.159	.319	.448
MIN RADIUS	:	.578	.500	.322
MEAN RADIUS	:	.932	.844	.716
MAX RADIUS	:	1.468	1.454	1.214
HORIZONTAL SPREAD	:	2.257	1.972	1.827
VERTICAL SPREAD	:	1.819	1.686	1.686
EXTREME SPREAD	:	2.460	2.460	1.856
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

7 May 1998

FILE: \PATTERNING\CENTERFIRE_PATT\C6349195

CENTERFIRE PATTERNS

5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 1.986

VS = 2.801

GS = 2.880

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.998
MINIMUM X	-.988
MAXIMUM Y	1.172
MINIMUM Y	-1.629
CENTROID X	-.297
CENTROID Y	-.009
POA TO CENTROID in.	.297
MIN RADII	.394
MEAN RADII	.933
MAX RADII	1.649
HORIZONTAL SPREAD	1.986
VERTICAL SPREAD	2.801
EXTREME SPREAD	2.880
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9