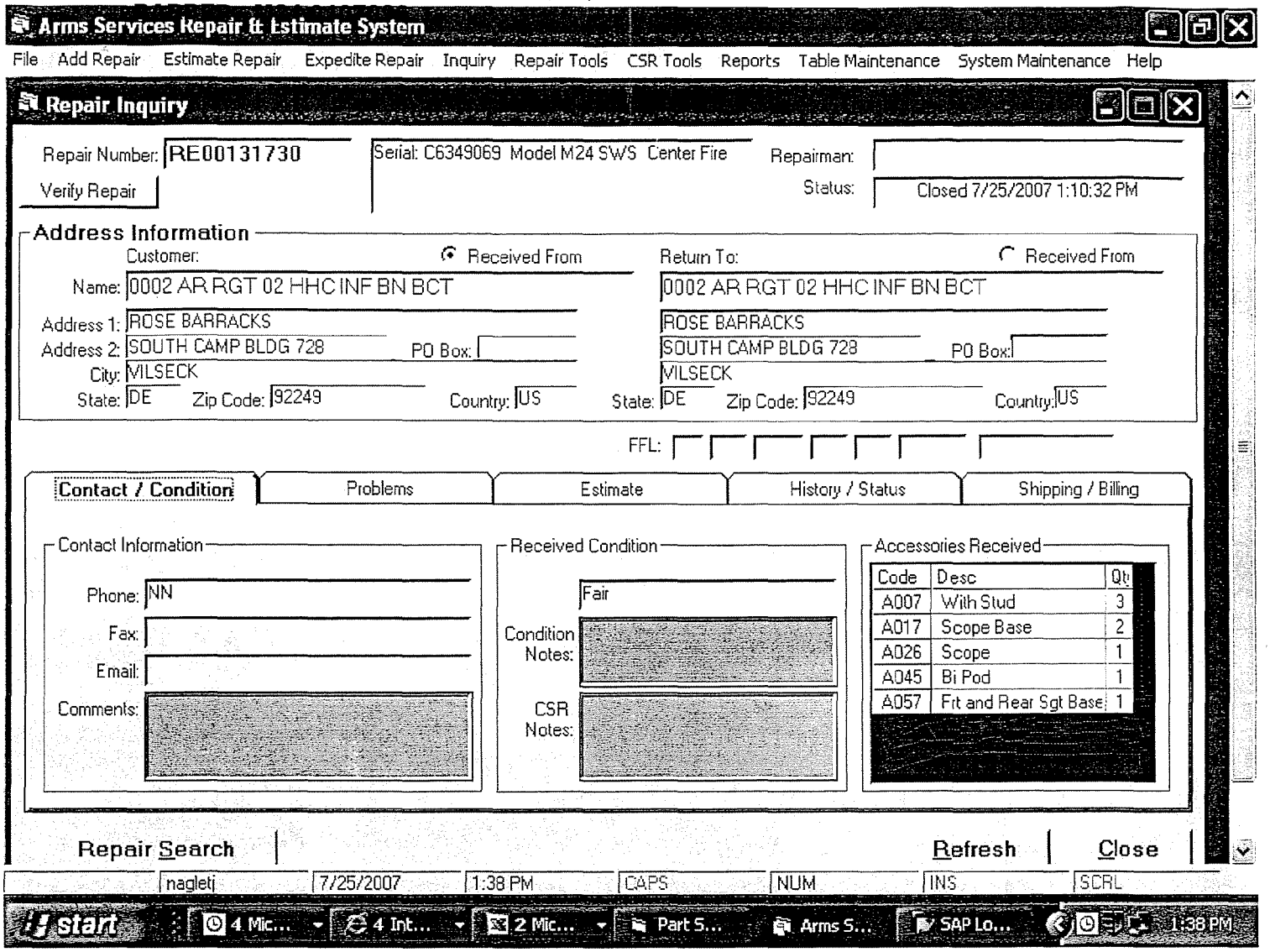
C534969
MODEL 700™ M24
Model SWS™
Action
Barrel Length
Capacity
Order No. 516
*Includes 1 in chamber.
Remington



Serial Number: C6349069

Model: M24 SWS

RE00131730

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349069.__0
FILE DATE AND TIME: 08/22/2007 00:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

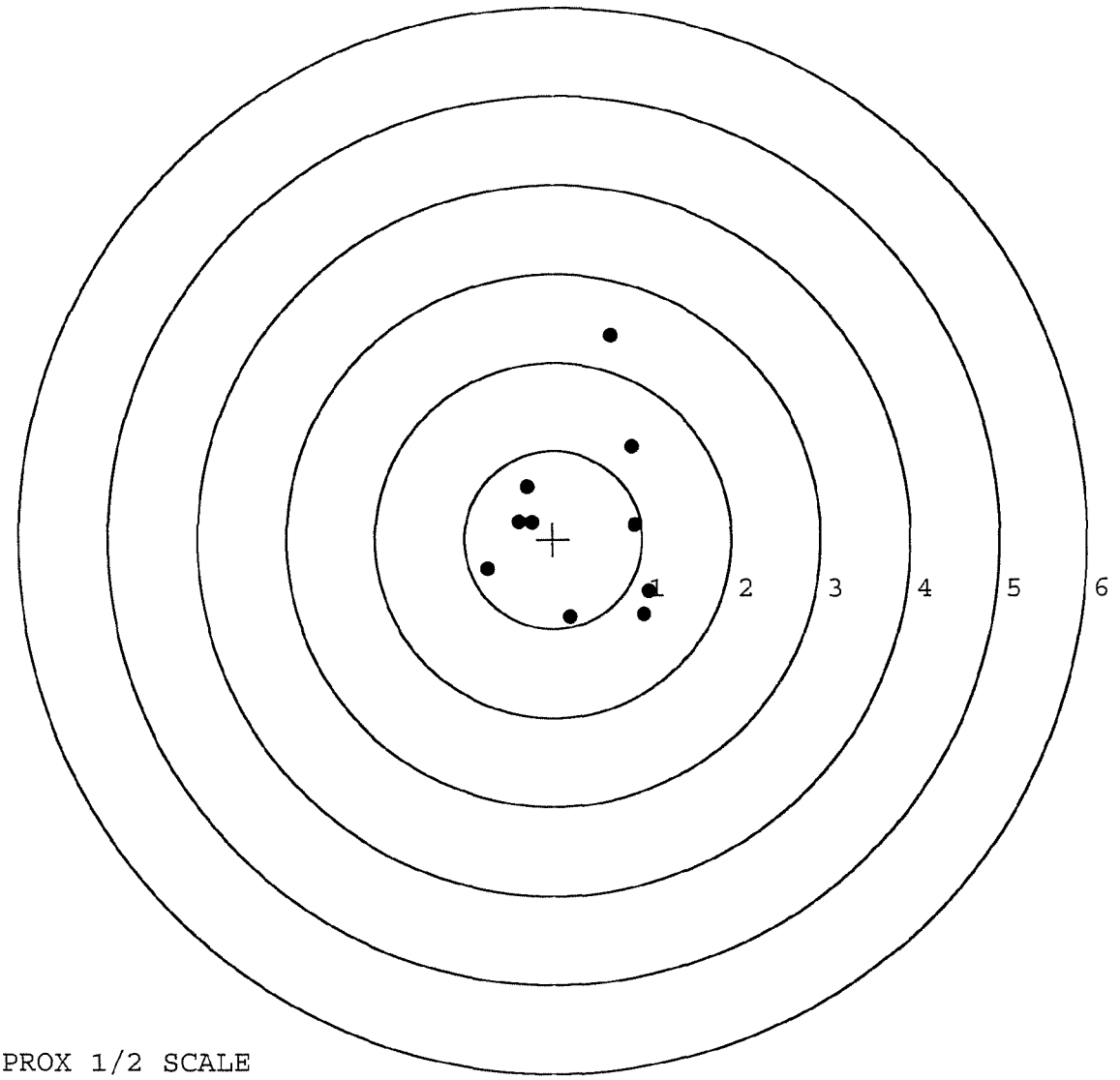
The Average X Centroid of the Five Target Set:	0.118
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.120
The Average Mean Radius of the Five Target Set:	0.745
The Distance from POA to Centroid Target #1:	0.357
The Distance from Centroid Target #2 to Centroid Target #1:	0.425
The Distance from Centroid Target #3 to Centroid Target #1:	0.308
The Distance from Centroid Target #4 to Centroid Target #1:	0.334
The Distance from Centroid Target #5 to Centroid Target #1:	0.422

BARBER - M24 0107098

SERIAL NUMBER: C6349069.__0
TARGET NUMBER: 1
FILE DATE: 08/22/2007
FILE TIME: 00:04

X CENTROID:	0.305
Y CENTROID:	0.184
POA TO CENTROID:	0.357
HORZ SPREAD:	1.811
VERT SPREAD:	3.179
GROUP SPREAD:	3.212
MIN RADIUS:	0.548
MAX RADIUS:	2.148
MEAN RADIUS:	1.034
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.881	1.043
2:	0.914	0.166
3:	1.074	-0.592
4:	1.019	-0.847
5:	0.189	-0.875
6:	-0.737	-0.340
7:	-0.393	0.196
8:	-0.242	0.191
9:	-0.299	0.592
10:	0.649	2.304

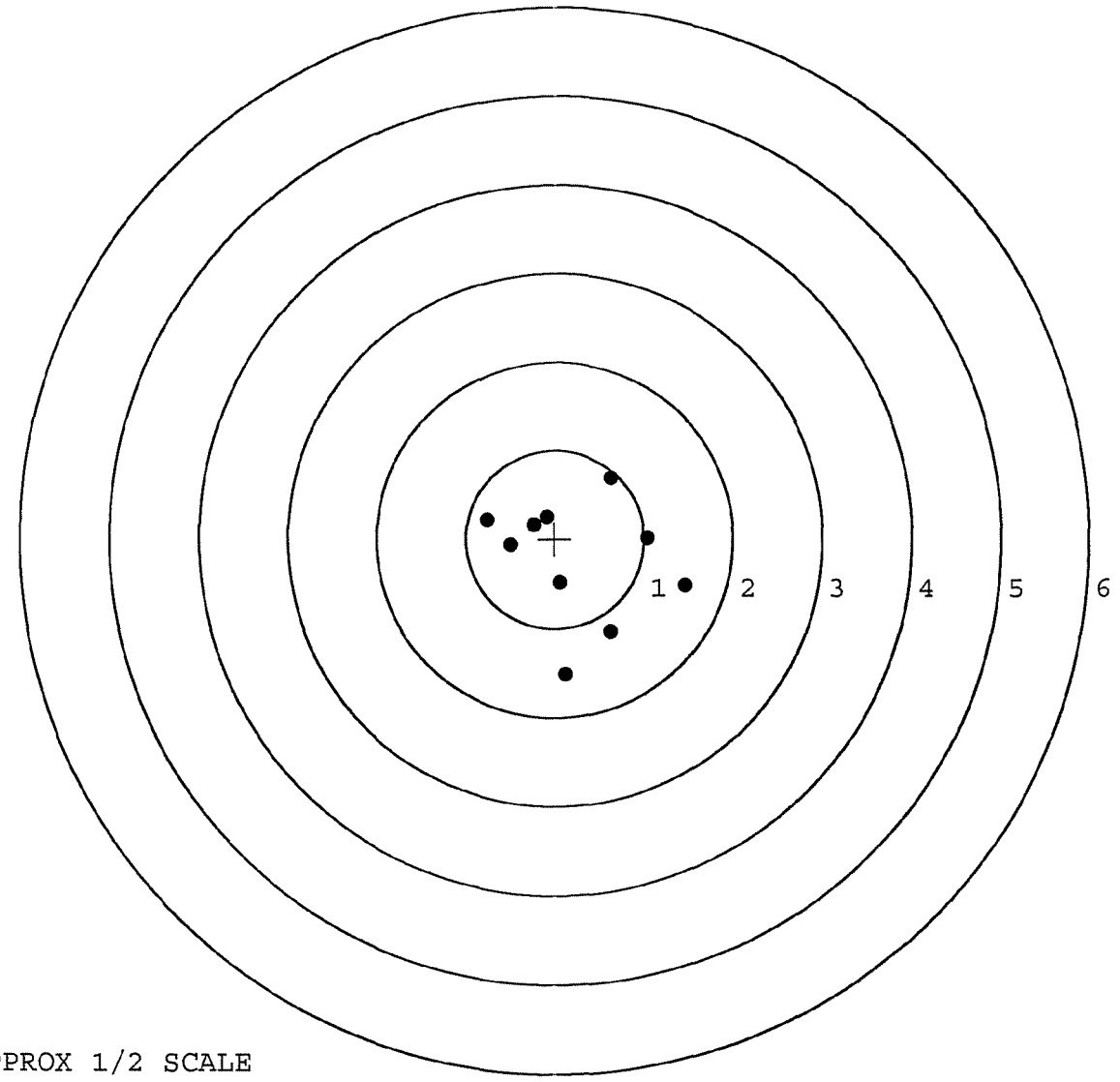


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349069.__0
TARGET NUMBER: 2
FILE DATE: 08/22/2007
FILE TIME: 00:04

X CENTROID:	0.234
Y CENTROID:	-0.235
POA TO CENTROID:	0.332
HORZ SPREAD:	2.229
VERT SPREAD:	2.211
GROUP SPREAD:	2.268
MIN RADIUS:	0.319
MAX RADIUS:	1.293
MEAN RADIUS:	0.866
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.627	0.688
2:	1.041	0.011
3:	1.466	-0.530
4:	0.625	-1.038
5:	0.121	-1.523
6:	0.057	-0.500
7:	-0.097	0.242
8:	-0.240	0.155
9:	-0.497	-0.073
10:	-0.763	0.217

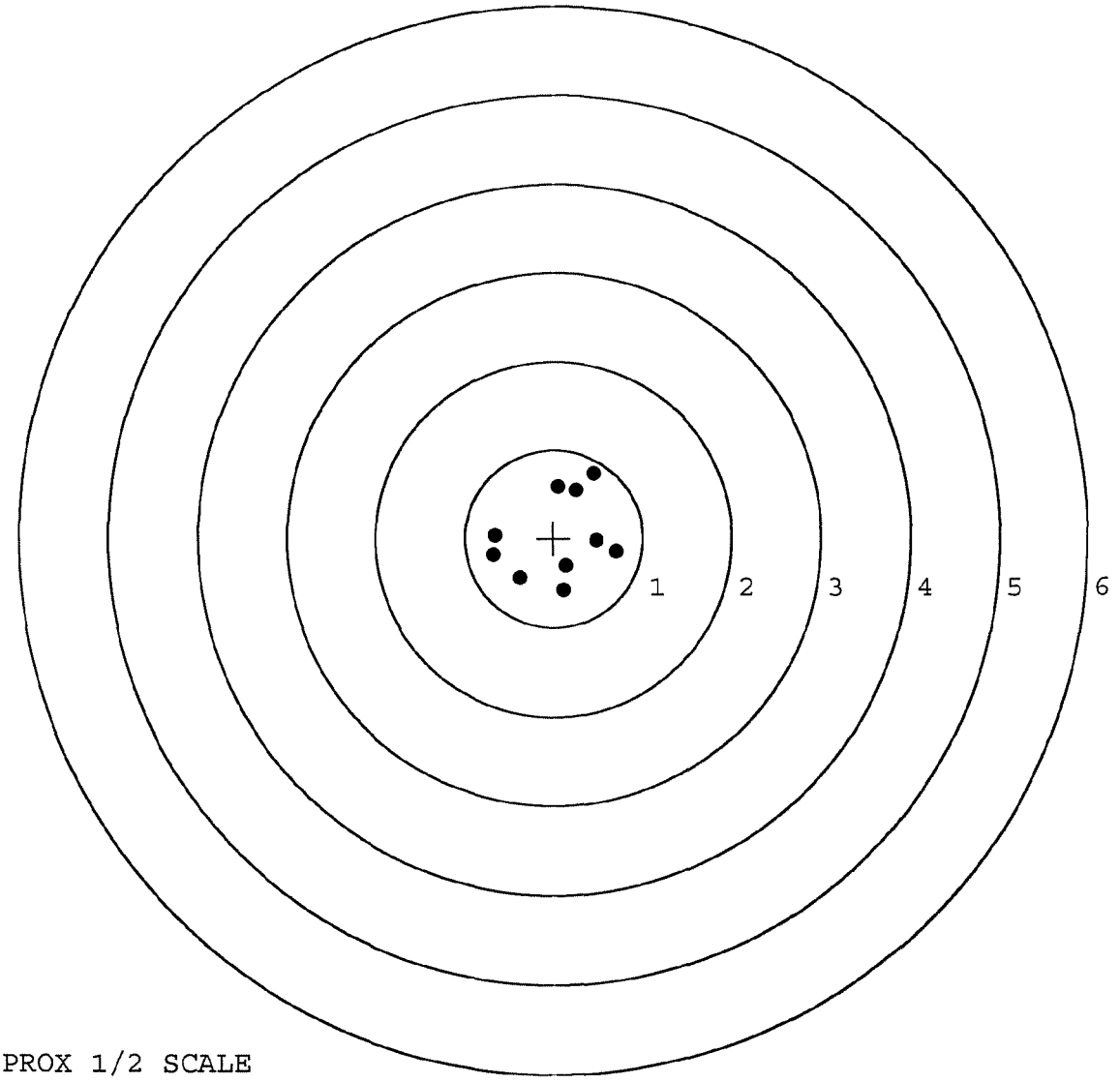


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349069.__0
TARGET NUMBER: 3
FILE DATE: 08/22/2007
FILE TIME: 00:04

X CENTROID:	0.047
Y CENTROID:	0.017
POA TO CENTROID:	0.050
HORZ SPREAD:	1.379
VERT SPREAD:	1.329
GROUP SPREAD:	1.454
MIN RADIUS:	0.343
MAX RADIUS:	0.825
MEAN RADIUS:	0.612
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.049	0.580
2:	0.252	0.546
3:	0.449	0.737
4:	0.482	-0.028
5:	0.705	-0.158
6:	0.138	-0.314
7:	0.111	-0.592
8:	-0.386	-0.453
9:	-0.674	-0.187
10:	-0.658	0.034

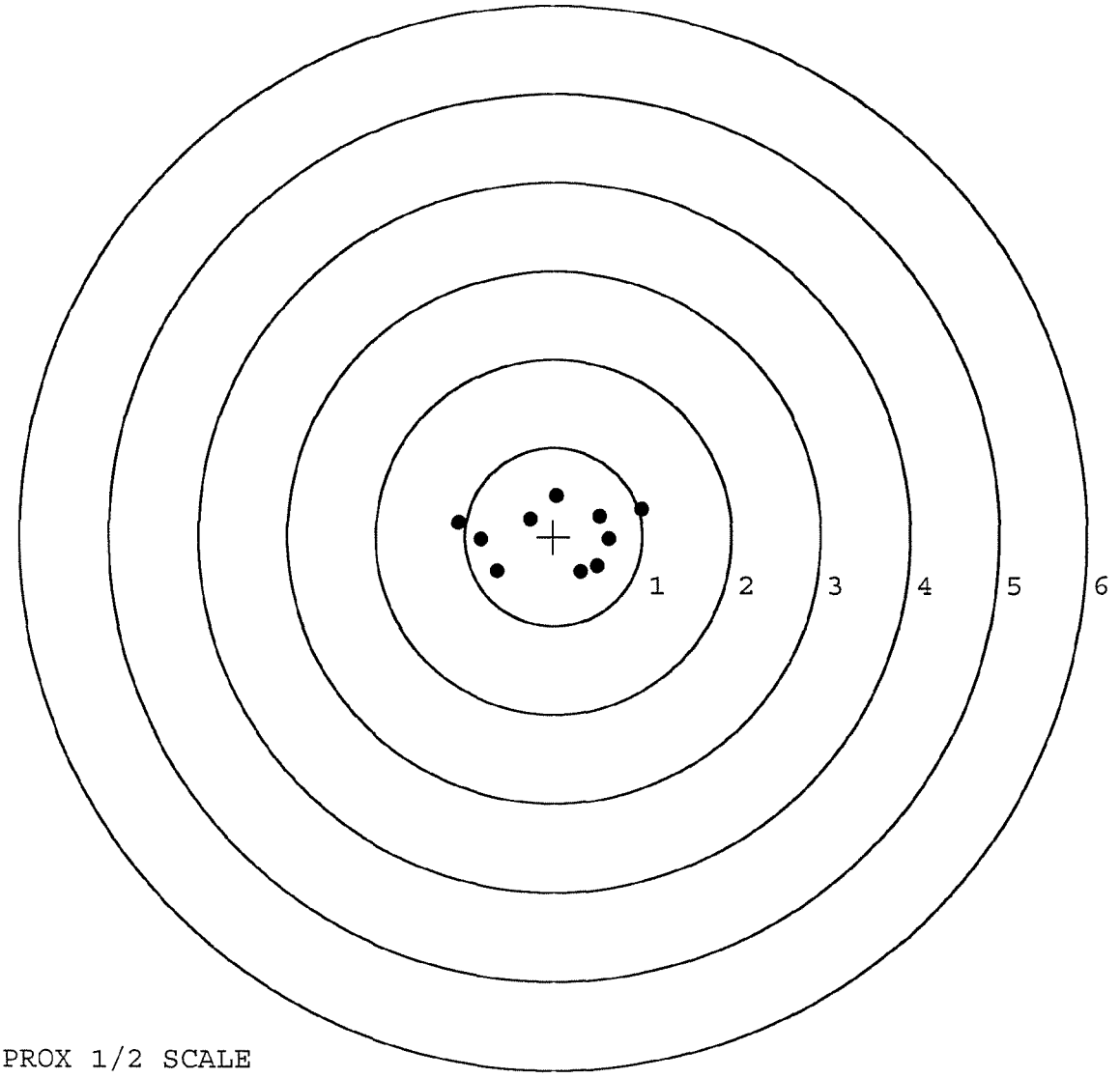


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349069.__0
TARGET NUMBER: 4
FILE DATE: 08/22/2007
FILE TIME: 00:04

X CENTROID:	0.016
Y CENTROID:	0.016
POA TO CENTROID:	0.023
HORZ SPREAD:	2.058
VERT SPREAD:	0.852
GROUP SPREAD:	2.063
MIN RADIUS:	0.339
MAX RADIUS:	1.095
MEAN RADIUS:	0.673
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.070	0.154
2:	-0.815	-0.032
3:	-0.640	-0.385
4:	-0.270	0.198
5:	0.033	0.454
6:	0.519	0.231
7:	0.621	-0.032
8:	0.493	-0.330
9:	0.304	-0.398
10:	0.988	0.301



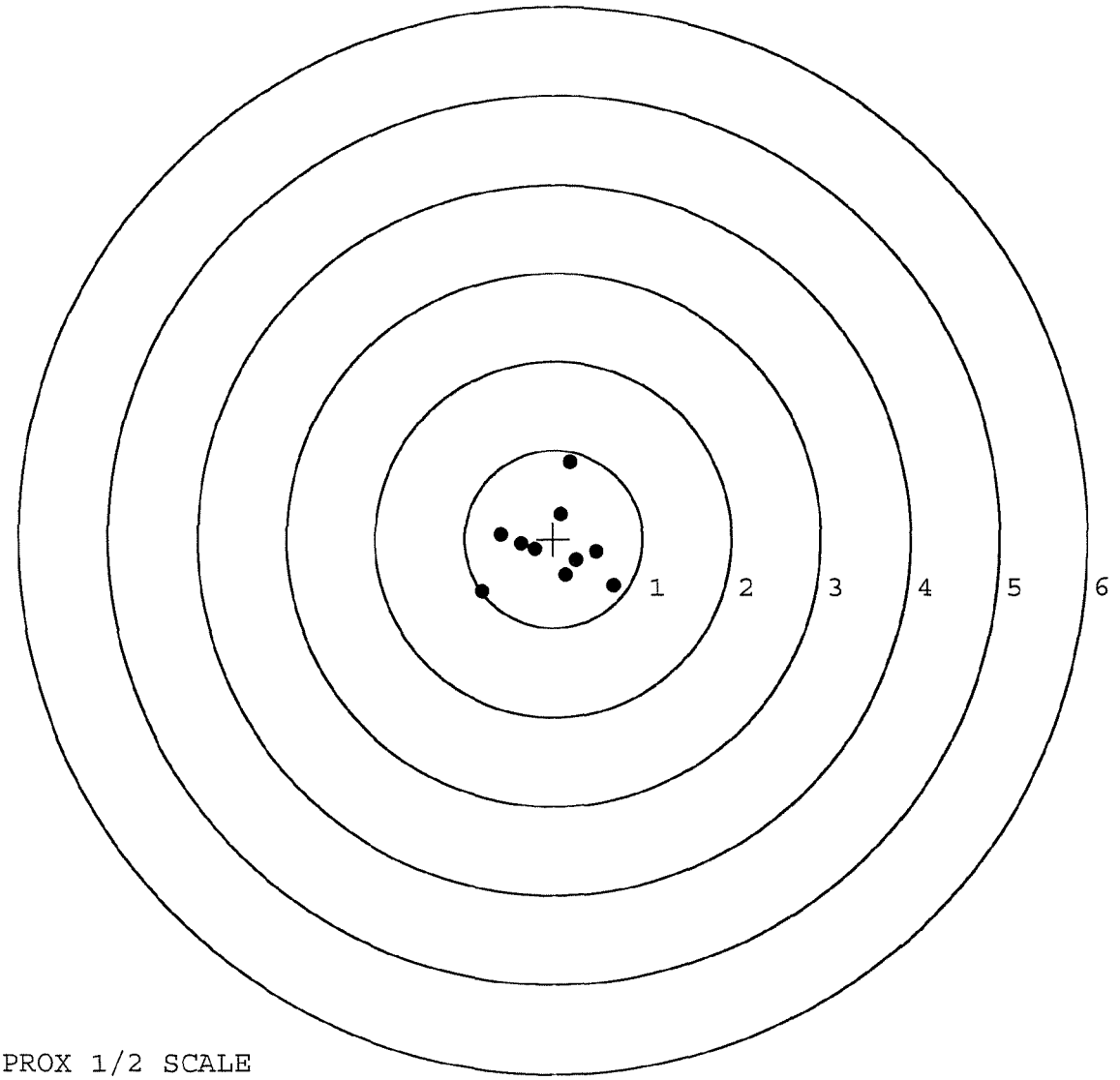
TARGET APPROX 1/2 SCALE

BARBER - M24 0107102

SERIAL NUMBER: C6349069.__0
TARGET NUMBER: 5
FILE DATE: 08/22/2007
FILE TIME: 00:04

X CENTROID:	-0.015
Y CENTROID:	-0.090
POA TO CENTROID:	0.092
HORZ SPREAD:	1.481
VERT SPREAD:	1.454
GROUP SPREAD:	1.764
MIN RADIUS:	0.195
MAX RADIUS:	0.974
MEAN RADIUS:	0.541
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.193	0.861
2:	-0.805	-0.593
3:	0.676	-0.532
4:	0.484	-0.146
5:	0.134	-0.407
6:	0.080	0.276
7:	-0.208	-0.120
8:	-0.366	-0.056
9:	-0.591	0.058
10:	0.254	-0.244



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 131730

SERIAL NUMBER C634906T

LOG-IN DATE 7-30-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		8-8-07	RTZ
505	RE-BARREL		8-9-07	RTZ
560	ASSEMBLE		8-9-07	RTZ
600	PROOF		8-9-07	mm
605	CHECK HEADSPACE		8-9-07	mm
610	DIS-ASSEMBLE GUN		8-9-07	SD
612	MAGNAFLUX	OPERATOR JRS	8-14-07	JRS
510	DRILL AND TAP		8-10-07	TRW
615	ROLLMARK CALIBER		8-10-07	CW
618	ROTO-BLAST		8-14-07	LY
620	APPLY COATINGS		8/15/07	RS
625	FINAL ASSEMBLY		8-21-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	8/21/07	mm
650	TARGET	(PASS) FAIL	8/21/07	mm
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	8-21-07	SD
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL		
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.72 2.76 2.63 2.70 2.72	8-22-07	DA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.0 4.0 4.0	8-22-07	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	2.0 2.0 2.0	8-22-07	DA
	I) FIRING PIN INDENT (.020)	.022 .021 .022	8-22-07	DA
690	PACK		8-22-07	DA

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

Repair Number: RE00075217
Verify Repair

Serial: C63490689 Model 700 Center Fire Caliber 7 62 NATO M24 SWS

Repairman:

Status: Closed 1/9/2004 10:55:12 AM

Address Information

Customer	Received From	Return To:	Received From
Name:	MATERIAL MOVEMENT SECTION	MATERIAL MOVEMENT SECTION	
Address 1:	BLDG 9830	BLDG 9830	
Address 2:	DR 40 PO Box:	DR 40 PO Box:	
City:	FORT LEWIS	FORT LEWIS	
State:	WA Zip Code: 98433 Country: US	State: WA Zip Code: 98433 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
A026	Scope w/case	1
X001	Deployment kit	1

Repair Search | Refresh | Close

nagley 1/9/2004 11:22 AM CAPS NUM INS

Start 3 4 2

Serial Number: C63490689

Model: 700

RE00075217

R & E NUMBER	075217		
SERIAL NUMBER	C6349069		
LOG-IN DATE	1-9-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-9-04	RW
560 A	RE-BARREL	1-12-04	RTL
B	DRILL AND TAP	1-12-04	TRW
575	ASSEMBLE	1-12-04	RTL
600	PROOF	1-12-04	RTL
605	CHECK HEADSPACE	1-12-04	RTL
610	DIS-ASSEMBLE GUN	1-12-04	RTL
612	MAGNAFLUX OPERATOR RK		
615	ROLLMARK CALIBER	1-13-04	SB
618	ROTO-BLAST	1/13/2004	Davis.
620	APPLY COATINGS	1-15	TA
625 A	FINAL ASSEMBLY	1-19-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-21-04	tc
655	FINAL INSPECT	1-30-04	RT
660	PACK	1-30-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED JAN 2004

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349069.__0
FILE DATE AND TIME: 01/21/2004 08:56

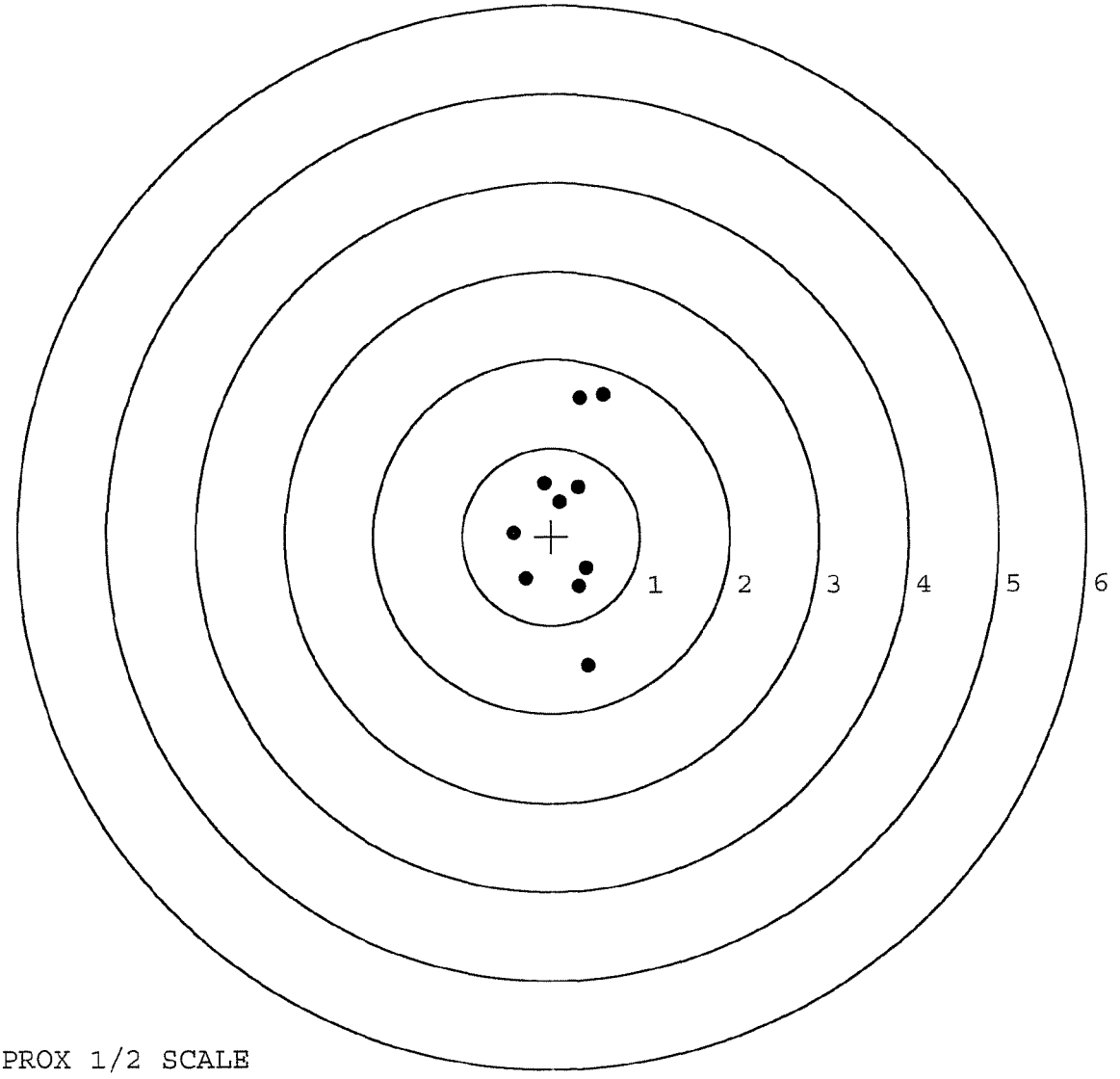
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.108
The Average Y Centroid of the Five Target Set:	0.092
The Average Point of Impact of the Five Target Set:	0.142
The Average Mean Radius of the Five Target Set:	0.603
The Distance from POA to Centroid Target #1:	0.248
The Distance from Centroid Target #2 to Centroid Target #1:	0.369
The Distance from Centroid Target #3 to Centroid Target #1:	0.178
The Distance from Centroid Target #4 to Centroid Target #1:	0.199
The Distance from Centroid Target #5 to Centroid Target #1:	0.213

SERIAL NUMBER: C6349069.__0
TARGET NUMBER: 1
FILE DATE: 01/21/2004
FILE TIME: 08:56

X CENTROID:	0.161
Y CENTROID:	0.189
POA TO CENTROID:	0.248
HORZ SPREAD:	1.005
VERT SPREAD:	3.059
GROUP SPREAD:	3.064
MIN RADIUS:	0.212
MAX RADIUS:	1.672
MEAN RADIUS:	0.837
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.388	-0.356
2:	0.309	-0.566
3:	0.408	-1.465
4:	-0.291	-0.477
5:	-0.423	0.045
6:	0.582	1.594
7:	0.321	1.562
8:	0.306	0.560
9:	0.093	0.389
10:	-0.080	0.601



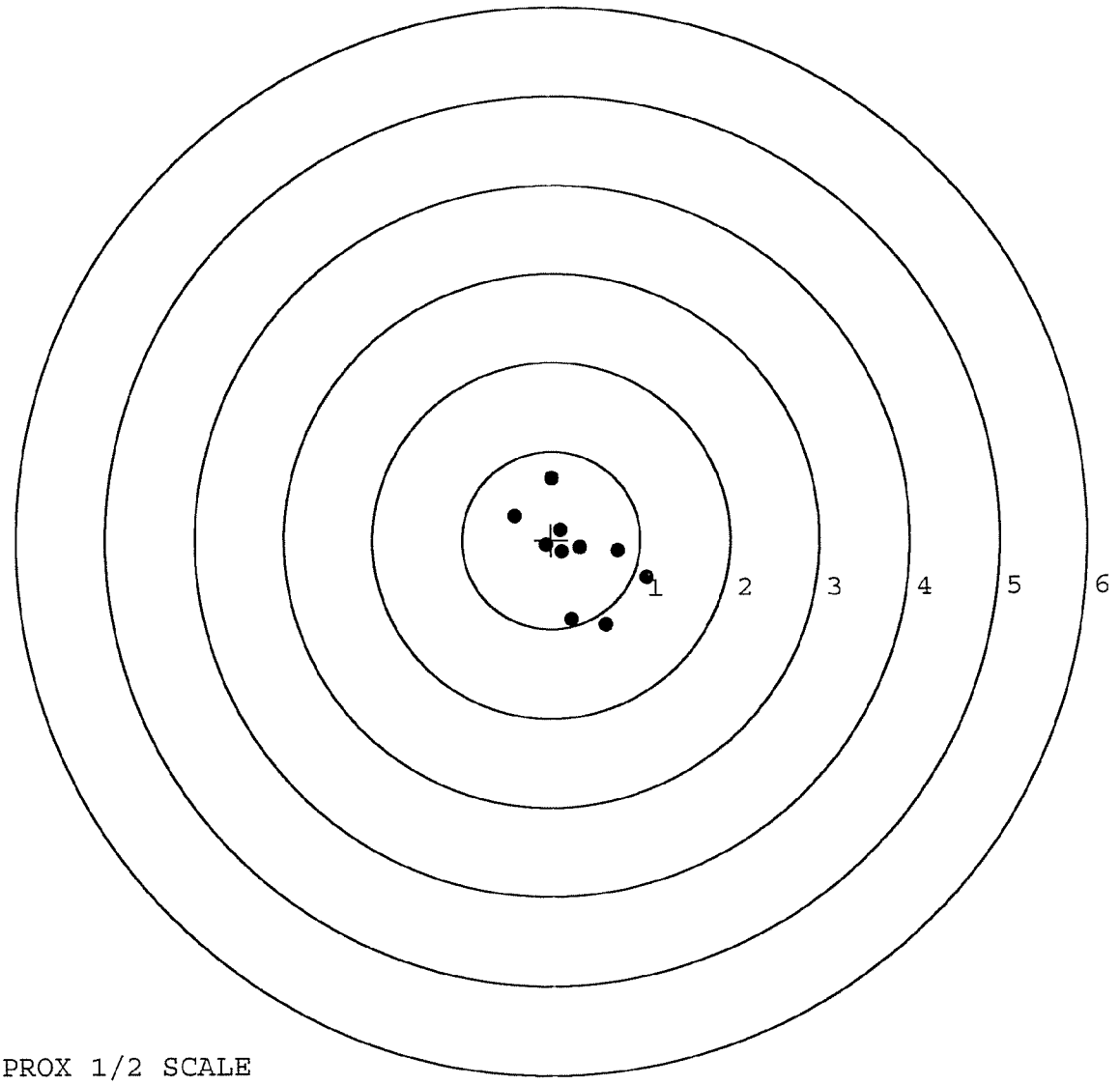
TARGET APPROX 1/2 SCALE

BARBER - M24 0107108

SERIAL NUMBER: C6349069.__0
TARGET NUMBER: 2
FILE DATE: 01/21/2004
FILE TIME: 08:56

X CENTROID:	0.273
Y CENTROID:	-0.163
POA TO CENTROID:	0.318
HORZ SPREAD:	1.485
VERT SPREAD:	1.659
GROUP SPREAD:	1.765
MIN RADIUS:	0.088
MAX RADIUS:	0.897
MEAN RADIUS:	0.557
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.073	-0.437
2:	0.741	-0.127
3:	0.613	-0.964
4:	0.223	-0.906
5:	0.326	-0.093
6:	0.011	0.695
7:	-0.412	0.279
8:	-0.062	-0.055
9:	0.104	0.119
10:	0.115	-0.139

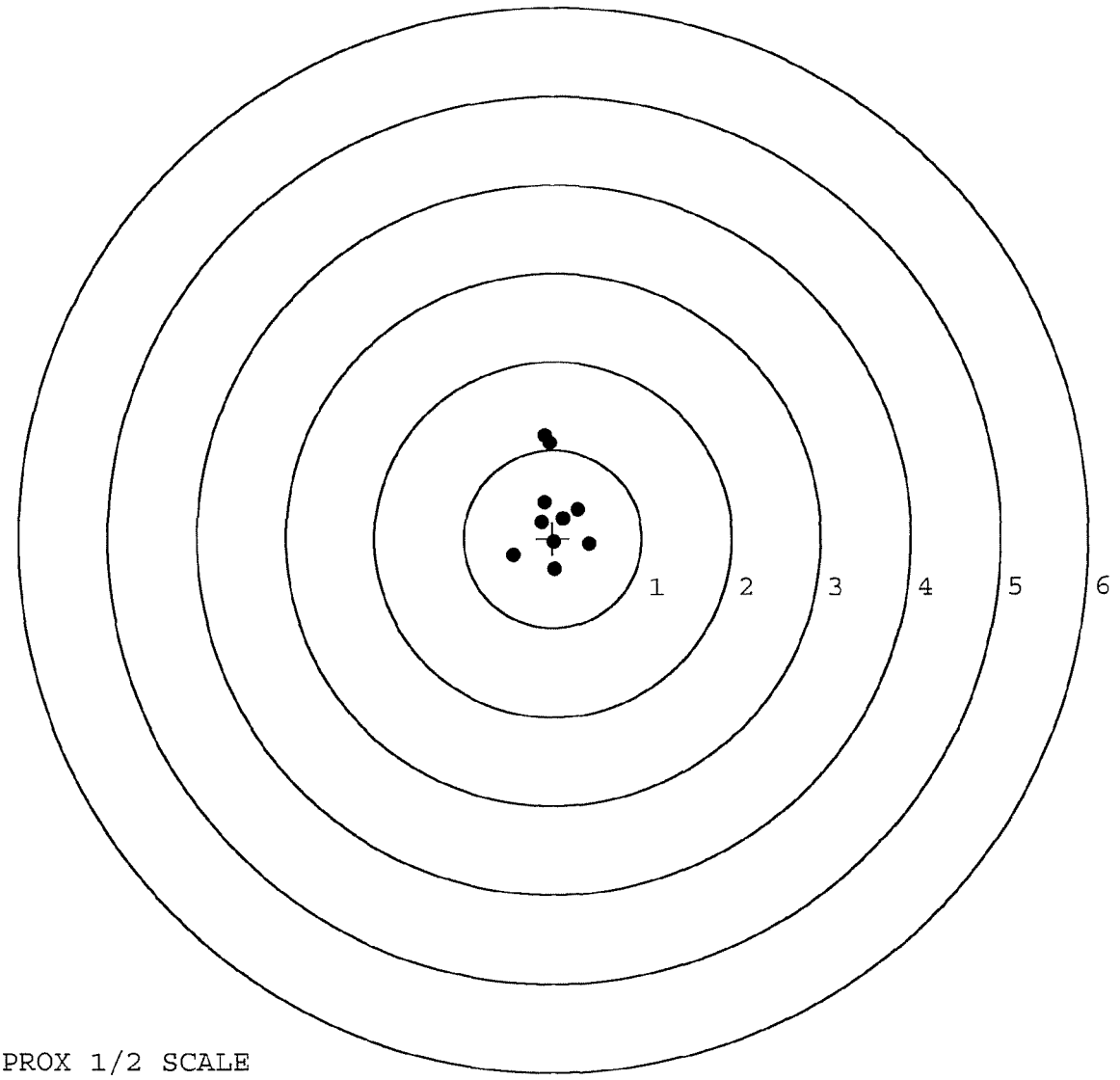


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349069.__0
TARGET NUMBER: 3
FILE DATE: 01/21/2004
FILE TIME: 08:56

X CENTROID:	0.005
Y CENTROID:	0.273
POA TO CENTROID:	0.273
HORZ SPREAD:	0.855
VERT SPREAD:	1.515
GROUP SPREAD:	1.519
MIN RADIUS:	0.113
MAX RADIUS:	0.895
MEAN RADIUS:	0.453
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.093	1.163
2:	-0.035	1.074
3:	-0.442	-0.187
4:	0.021	-0.352
5:	0.413	-0.066
6:	0.280	0.324
7:	-0.099	0.412
8:	-0.121	0.182
9:	0.018	-0.045
10:	0.107	0.224

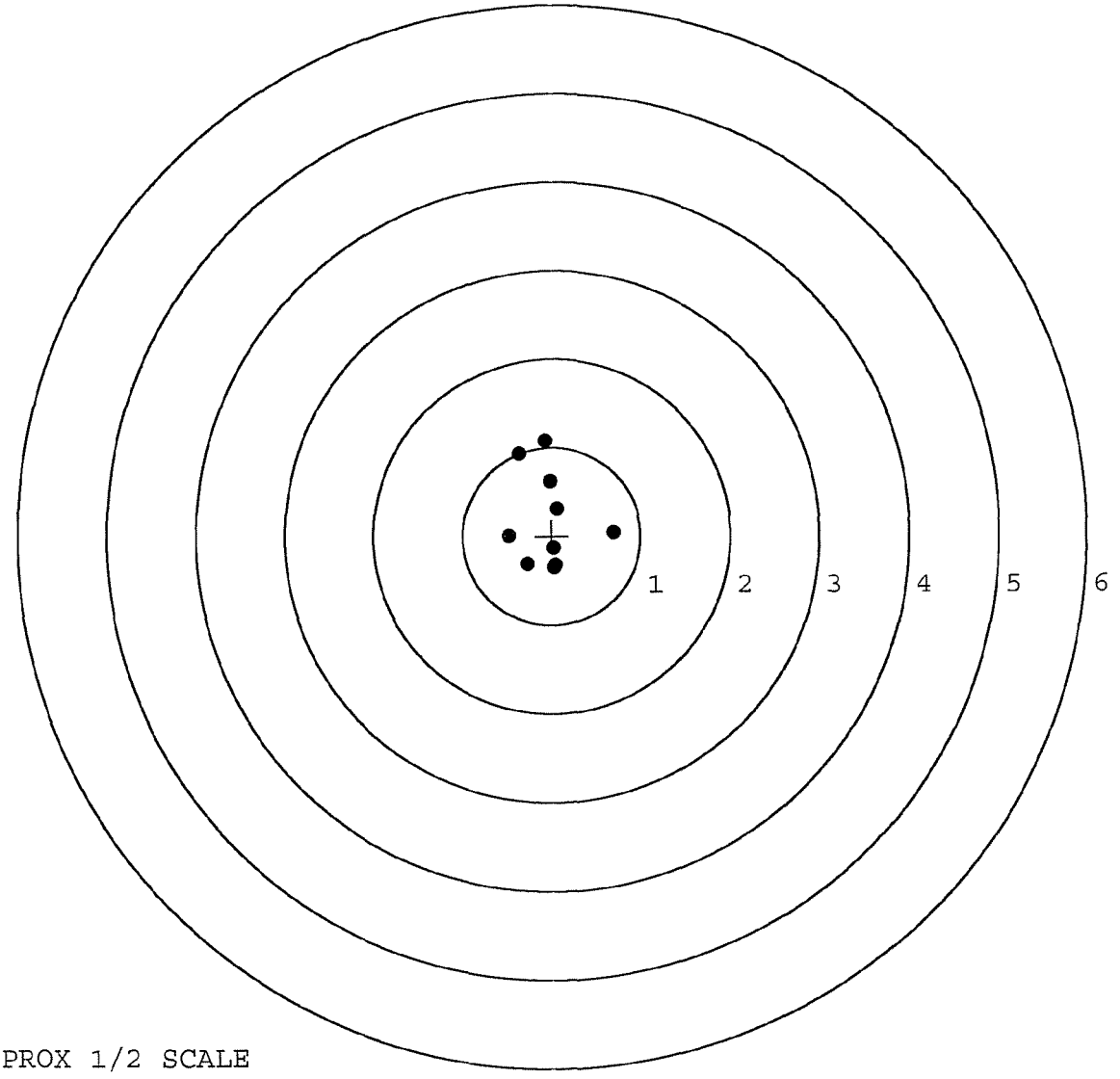


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349069.__0
TARGET NUMBER: 4
FILE DATE: 01/21/2004
FILE TIME: 08:56

X CENTROID:	-0.038
Y CENTROID:	0.184
POA TO CENTROID:	0.188
HORZ SPREAD:	1.180
VERT SPREAD:	1.431
GROUP SPREAD:	1.435
MIN RADIUS:	0.156
MAX RADIUS:	0.889
MEAN RADIUS:	0.547
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.078	1.072
2:	-0.371	0.931
3:	-0.025	0.617
4:	0.055	0.310
5:	0.698	0.043
6:	-0.482	0.013
7:	0.025	-0.139
8:	0.046	-0.328
9:	-0.274	-0.316
10:	0.031	-0.359

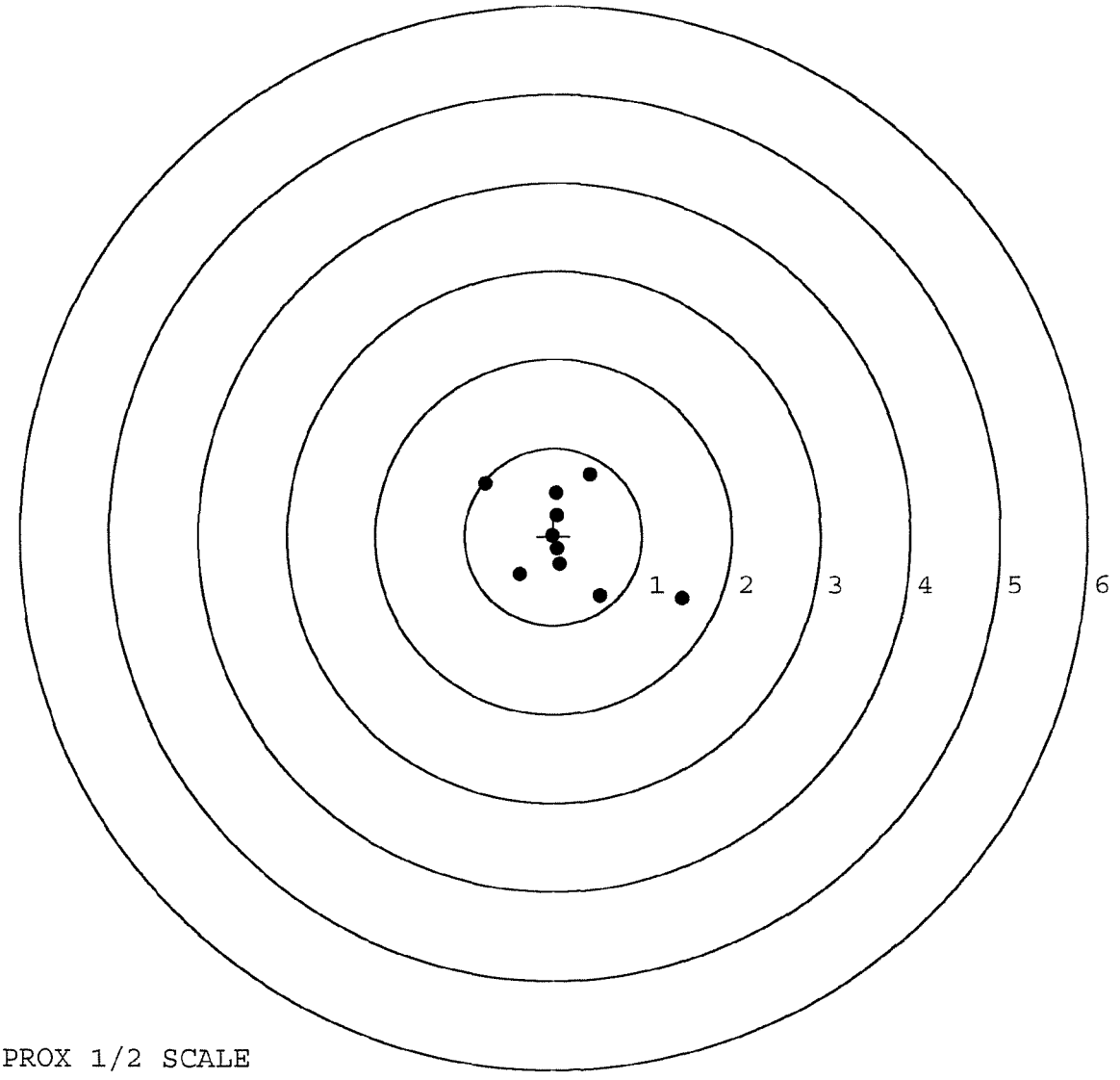


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349069.__0
TARGET NUMBER: 5
FILE DATE: 01/21/2004
FILE TIME: 08:56

X CENTROID:	0.139
Y CENTROID:	-0.023
POA TO CENTROID:	0.141
HORZ SPREAD:	2.208
VERT SPREAD:	1.414
GROUP SPREAD:	2.569
MIN RADIUS:	0.154
MAX RADIUS:	1.472
MEAN RADIUS:	0.618
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.441	-0.711
2:	0.521	-0.673
3:	-0.383	-0.431
4:	0.412	0.703
5:	-0.767	0.603
6:	0.029	0.491
7:	0.040	0.235
8:	-0.015	0.011
9:	0.073	-0.317
10:	0.041	-0.141



TARGET APPROX 1/2 SCALE

BARBER M24 0107112

RECEIVING AND ESTIMATING REPORT

COMMENTS: 50 clicks RT

ORDER: R 94-18164

INITIAL	CUSTOMER ORDER NO.
FDC	DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER
ATTN: FRED MARTIN

Scope 0155

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/10/94	06/10/94		C6349069		700 7-62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-5025

CUST NO: 098397 C.O.D.

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

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

- Barrel
- Stock
- Trigger Assy
- Firing pin Assy
- Mag Spring
- Front & Rear Sight Assy

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			✓	✓	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			4/20/96	4/20/96	

OFFICE COPY

RD5925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349069
DATE 4-13-96
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.46	2.57		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT-ABLE LESS THAN 2#
PULL #2	2.27	2.63	2.48		
PULL #3	2.31	2.37	2.70		
PULL #4	2.31	2.68	2.65		
PULL #5	2.40	2.52	2.67		
TOTAL	1189	1266	1307		
AVG.	2.37	2.53	2.61		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	2.95		
PULL #2	3.02	3.01		
PULL #3	2.93	2.90		
PULL #4	3.06	2.96		
PULL #5	2.91	3.06		
TOTAL	1498	1488		
AVG.	2.99	2.97		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.04		4.15
PULL #2	4.07	4.07		4.15
PULL #3	4.14	4.01		4.17
PULL #4	4.09	4.09		4.17
PULL #5	4.125	4.11		4.15
TOTAL	2053	2032		2079
AVG.	4.10	4.06		4.15

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6343065
22 Feb 1900

CENTROIDAL DISTANCES

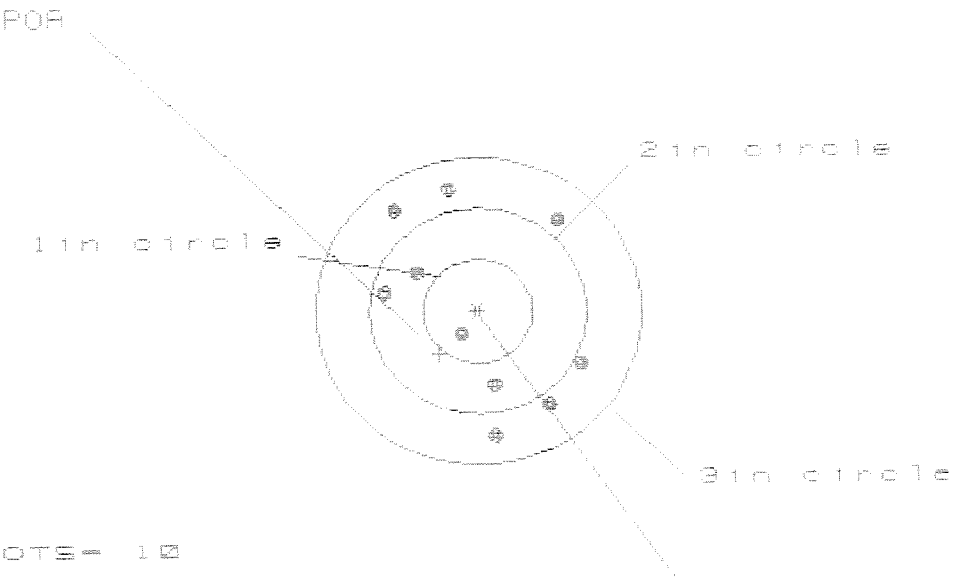
0	TO	1	.549288
1	TO	2	.0974166
1	TO	3	.335789
1	TO	4	.0831865
1	TO	5	.348105

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .28
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .284
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .459031

THE AMR FOR THIS RIFLE IS: .9732

22 Feb 1988 FILE:/PATTERNING/CENTERFIRE_PATT/CB340060

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

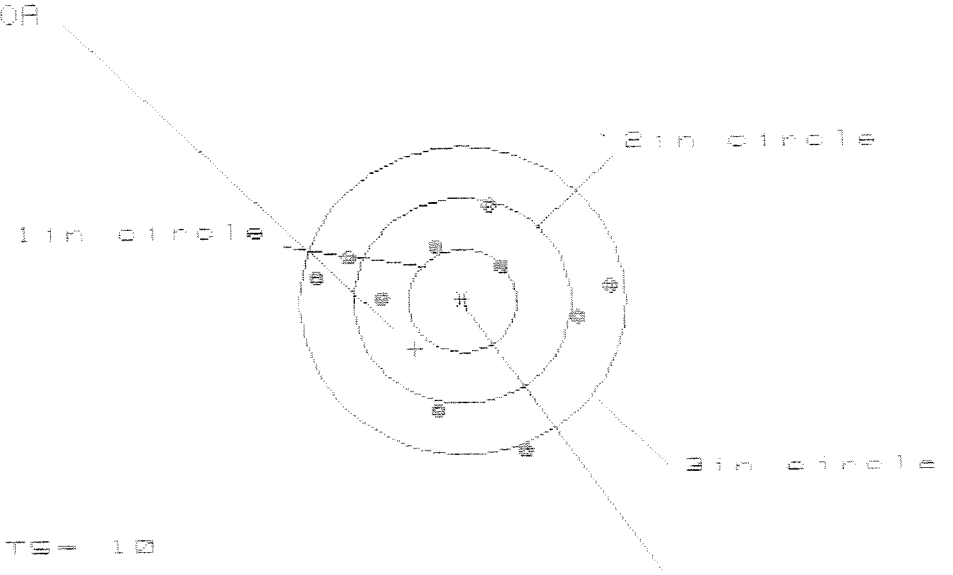
# IN CIR
1in = 1
2in = 4
3in = 10

HS= 1.854
VS= 2.412
GS= 2.450

PATTERN #	:	11		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.965	.877	.886
MINIMUM X	:	-.889	-.977	-.968
MAXIMUM Y	:	1.176	1.289	1.148
MINIMUM Y	:	-1.236	-1.128	-.978
CENTROID X	:	.361	.449	.440
CENTROID Y	:	.414	.301	.442
POA TO CENTROID in.	:	.549	.541	.623
MIN RADIUS	:	.261	.267	.335
MEAN RADIUS	:	.980	.935	.916
MAX RADIUS	:	1.289	1.336	1.198
HORIZONTAL SPREAD	:	1.854	1.854	1.854
VERTICAL SPREAD	:	2.412	2.412	2.136
EXTREME SPREAD	:	2.450	2.450	2.320
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Feb 1508 FILE:/PATTERNING/CENTERFIRE_PATT/C0349003

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

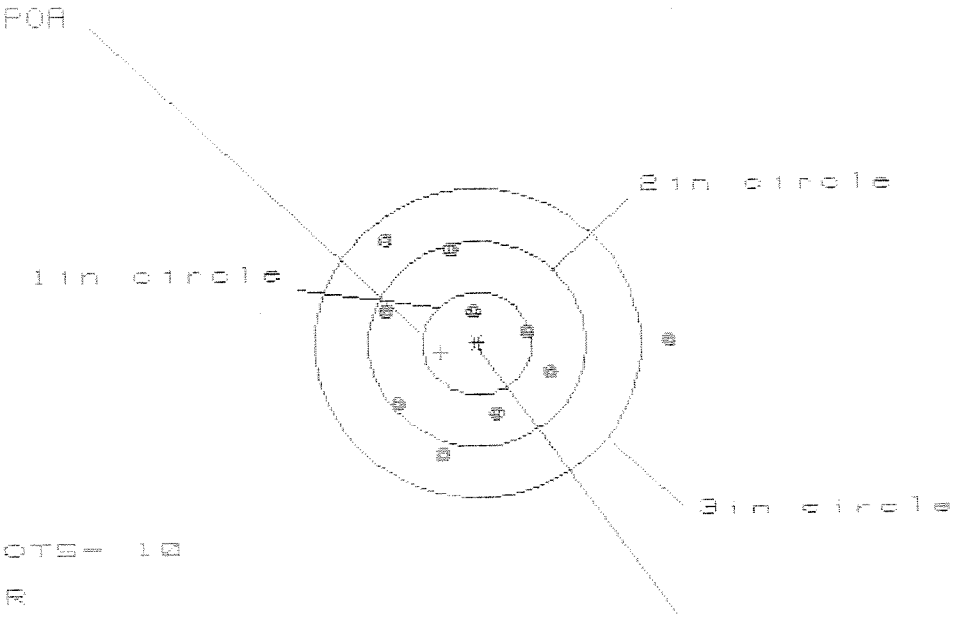
# IN CIR
1in = 0
2in = 4
3in = 9

HS= 2.764
VS= 2.408
GS= 2.766

PATTERN #	:	2	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.378	1.445	1.280
MINIMUM X	:	-1.386	-1.319	-1.105
MAXIMUM Y	:	.952	.790	.803
MINIMUM Y	:	-1.456	-1.254	-1.241
CENTROID X	:	.444	.377	.542
CENTROID Y	:	.465	.627	.614
POA TO CENTROID in.	:	.643	.732	.820
MIN RADIUS	:	.542	.397	.371
MEAN RADIUS	:	1.049	.958	.908
MAX RADIUS	:	1.576	1.445	1.295
HORIZONTAL SPREAD	:	2.764	2.764	2.385
VERTICAL SPREAD	:	2.408	2.044	2.044
EXTREME SPREAD	:	2.766	2.766	2.405
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C6343083

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

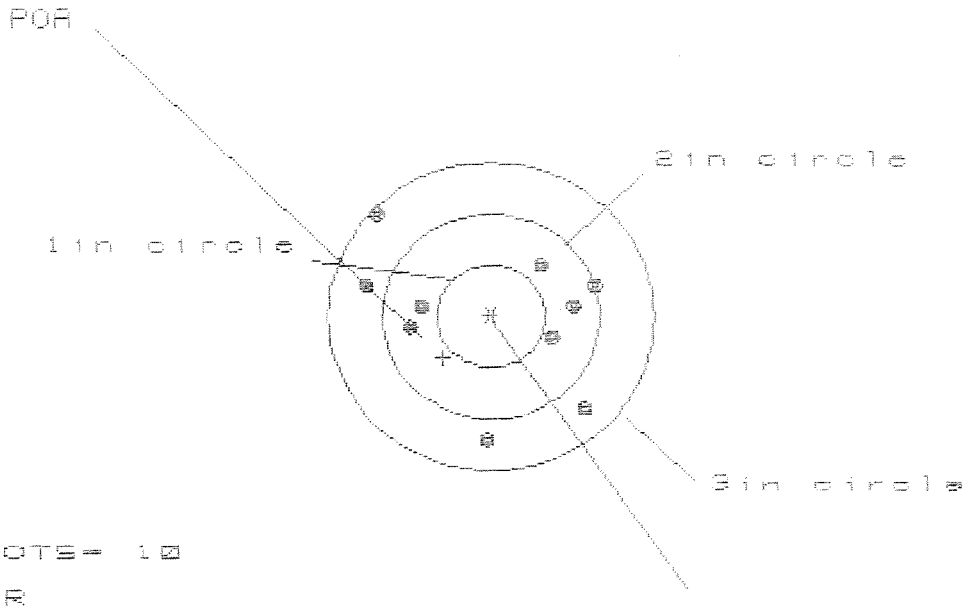
# IN CIR
1in = 1
2in = 7
3in = 9

HS= 2.618
VS= 2.177
GS= 2.835

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.740	.862	.776
MINIMUM X	:	-.878	-.684	-.705
MAXIMUM Y	:	1.064	1.061	1.005
MINIMUM Y	:	-1.113	-1.116	-.983
CENTROID X	:	.338	.144	.230
CENTROID Y	:	.879	.888	.891
POA TO CENTROID in.	:	.347	.166	.235
MIN RADIUS	:	.274	.318	.411
MEAN RADIUS	:	.923	.830	.766
MAX RADIUS	:	1.741	1.263	1.020
HORIZONTAL SPREAD	:	2.618	1.546	1.481
VERTICAL SPREAD	:	2.177	2.177	1.988
EXTREME SPREAD	:	2.835	2.238	1.991
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1988 FILE:/PATTERNING/CENTERFIRE_PATT/08349083

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

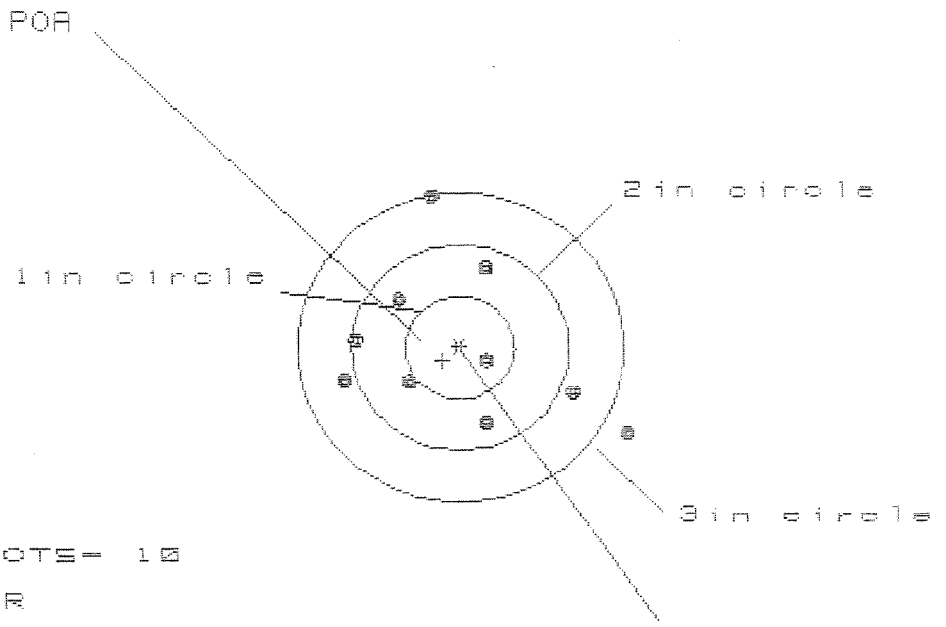
# IN CIR
1in = 0
2in = 5
3in = 10

HS= 2.067
VS= 2.266
GS= 2.717

PATTERN #	:	[redacted]	
SHOTS (BEST OF)	:	10	8
MAXIMUM X	:	.95[illegible]	.942
MINIMUM X	:	-1.109	-1.125
MAXIMUM Y	:	1.041	.498
MINIMUM Y	:	-1.225	-1.205
CENTROID X	:	.443	.459
CENTROID Y	:	.400	.380
POA TO CENTROID in.	:	.597	.596
MIN RADIUS	:	.572	.550
MEAN RADIUS	:	.949	.846
MAX RADIUS	:	1.462	1.208
HORIZONTAL SPREAD	:	2.067	2.067
VERTICAL SPREAD	:	2.266	1.703
EXTREME SPREAD	:	2.717	2.067
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	10	

22 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6349069

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 1
2in = 6
3in = 8

HS= 2.600
VS= 2.285
GS= 2.939

PATTERN #	:	5		
SHOTS (BEST OF)	:	10		8
MAXIMUM X	:	1.5	.875	1.175
MINIMUM X	:	-1.04	-.875	-.889
MAXIMUM Y	:	1.485	1.396	.879
MINIMUM Y	:	-.800	-.854	-.679
CENTROID X	:	.164	-.009	.005
CENTROID Y	:	.127	.216	.041
POA TO CENTROID in.	:	.207	.216	.041
MIN RADIUS	:	.332	.509	.437
MEAN RADIUS	:	.965	.860	.776
MAX RADIUS	:	1.753	1.401	1.218
HORIZONTAL SPREAD	:	2.600	2.064	2.064
VERTICAL SPREAD	:	2.285	2.250	1.558
EXTREME SPREAD	:	2.939	2.312	2.065
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

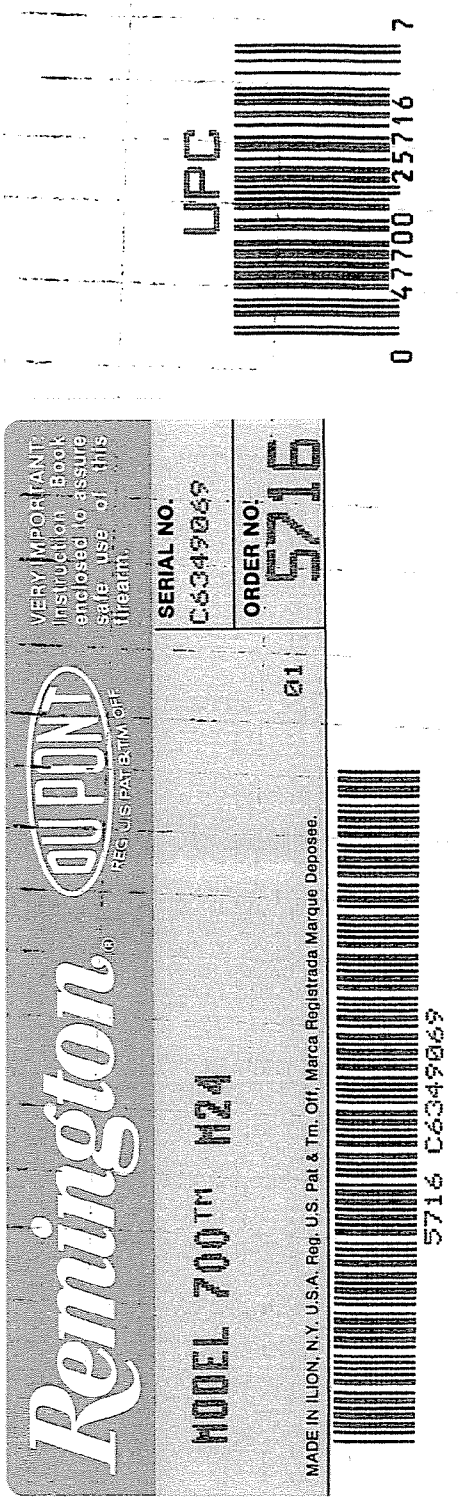
M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349069

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
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			
	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			

op. #	BARBER - M24 0107121 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/7/96	WB
	G) Safety Off Force	3	3	3			5/7/96	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.022	.0225			5/7/96	WB
	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 Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.76	2.76	2.76	2.82	2.84	5/7/96	WB
	C) Function							
660	Pack							


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm.
SERIAL NO.
C6349069
ORDER NO.
5716
MODEL 700 TM M24
01
MADE IN ILION, N.Y., U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.
5716 C6349069
UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349069

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 30	90	RW
600	Proof	1 30	90	[illegible]
607	Check Headspace	1 30	90	[illegible]
610	Dis-assemble Gun	1 30	90	RW
612	Magnaflux Barrel Action	2-5-90		KER
	Magnaflux Bolt	2-5-90		
615	Rollmark Caliber		2/5/90	GS
617	Drill and Tap Sight Holes		2/5/90	FB
618	Polish Barrel RB		2/5/90	WB
620	Apply Coatings (Barrel Action)		2-17-90	TJ
	Apply Coating (Bolt)		2-17-90	TJ
625	Final Assembly A) Clean inside of Bolt Assembly		2/19/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/90	WB
	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		4/18/90	[illegible]

QUALITY AUDIT

BARBER - M24 0107124

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			4/19/90	JH
	G) Safety Off Force	3	3	3			4/19/90	JH
	H) Trigger Pull Test & Retainability						4/18/90	JH
	I) Firing Pin Indent	.0205	.0215	.0215			4/19/90	JH
	J) Assemble Stock						4/19/90	RW
	K) Assemble Swivel Studs						4/30/90	WB
	L) Attach Front and Rear Sight Assemblies						4/19/90	RW
	M) Iron Sight Alignment						4/19/90	RW
	N) Detach Front & Rear Sights & place in numbered container						4/19/90	RW
	O) Attach Scope to Rifle						4/20/90	RW
	P) Detach & Attach Scope 20 Times						4/20/90	RW
640	Gallery Target & Test						4-23-90	DH
	A) Time						4-23-90	DH
	B) Malfunctions						4-23-90	DH
	C) Pierced Primers						4-23-90	DH
	D) Optical Clearity of Scope						4-23-90	DH
645	Inspect for Live Ammo						4-23-90	DH
655	Final Inspection A) Headspace						4/26/90	WB
	B) Trigger Pull	2.37	2.30	2.40	2.35	2.42	4/26/90	WB
	C) Function						4/30/90	WB
660	Pack						6-20-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349069
DATE 4/18/90
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.55	2.28	2.37	MIN. SETTING,
PULL #2	2.32	2.50	2.28	2.30	NO AVG. OF 5
PULL #3	2.44	2.58	2.13	2.40	READINGS ACCEPT-
PULL #4	2.46	2.50	2.12	2.35	ABLE LESS THAN 2#
PULL #5	2.45	2.36	2.15	2.42	
TOTAL	12.09	12.49	10.96		
AVG.	2.418	2.498	2.192		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.22		
PULL #2	3.27	3.33		
PULL #3	3.41	3.36		
PULL #4	3.43	3.40		
PULL #5	3.39	3.33		
TOTAL	17.10	16.64		
AVG.	3.42	3.328		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.49	4.36		4.32
PULL #2	4.11	4.33		4.29
PULL #3	4.43	4.42		4.31
PULL #4	4.41	4.41		4.32
PULL #5	4.37	4.28		4.17
TOTAL	21.81	21.80		21.41
AVG.	4.362	4.36		4.282

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349069
23 Apr 1990

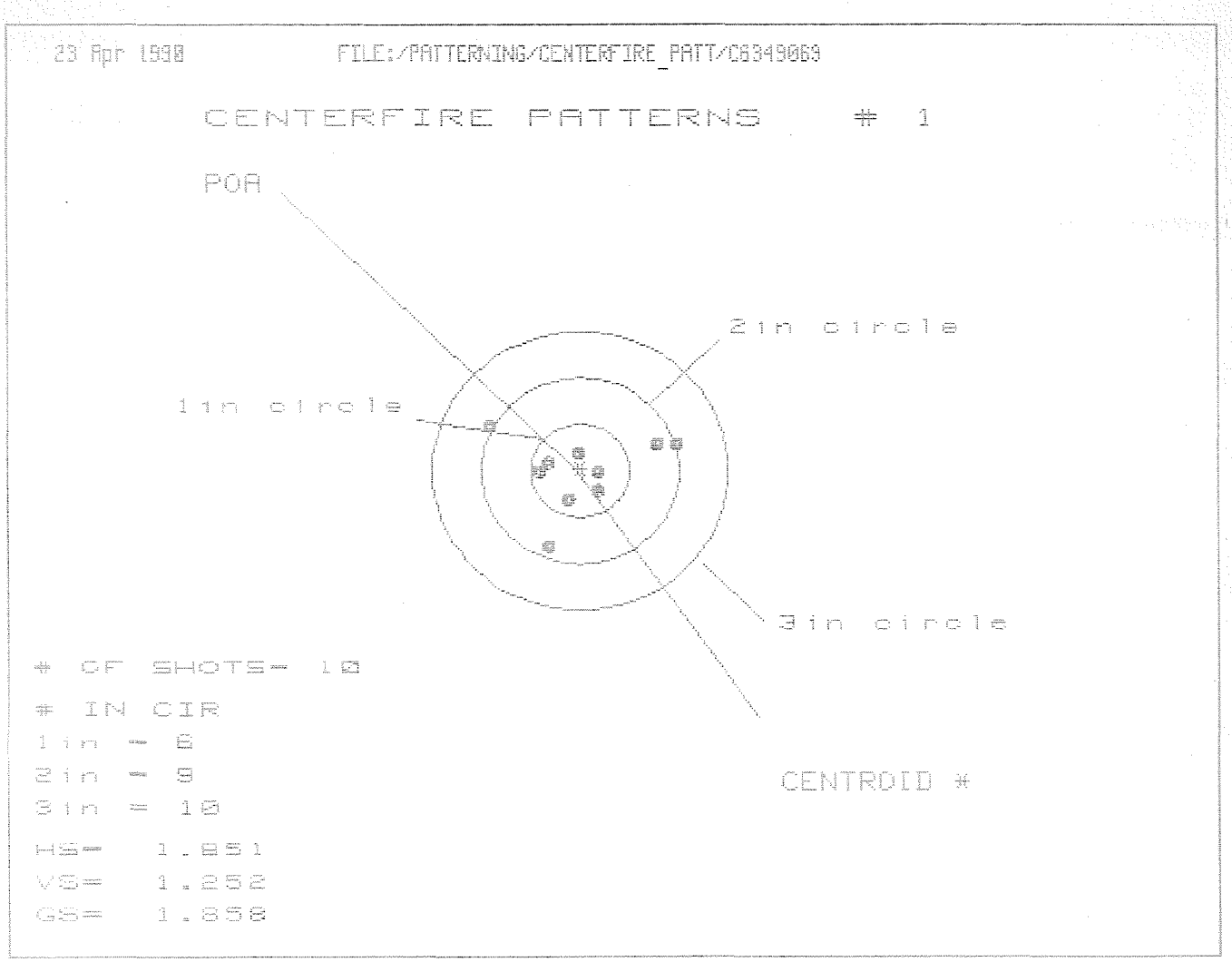
CENTROIDAL DISTANCES

0	TO	1	.274527
1	TO	2	.152611
1	TO	3	.157166
1	TO	4	.69235
1	TO	5	.094578

<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1332
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1488
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .199709

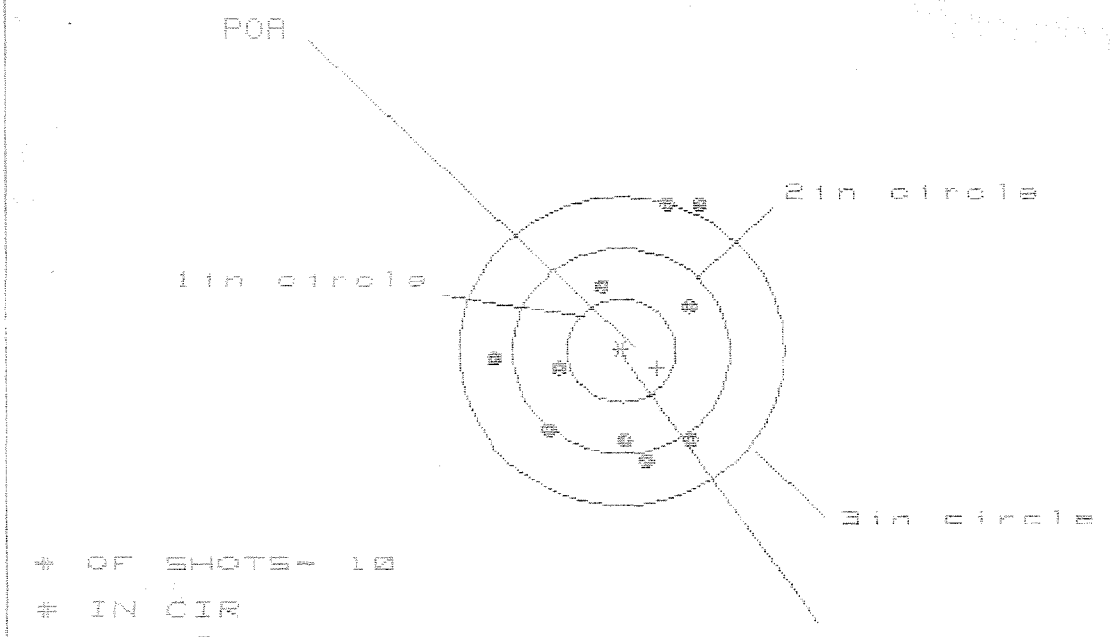
THE AMR FOR THIS RIFLE IS: .812



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.944	.843	.793
MINIMUM X	:	-.907	-.541	-.435
MAXIMUM Y	:	.448	.355	.398
MINIMUM Y	:	-.804	-.754	-.711
CENTROID X	:	-.178	-.077	-.183
CENTROID Y	:	.209	.159	.116
POA TO CENTROID in.	:	.274	.177	.217
MIN RADIUS	:	.202	.093	.201
MEAN RADIUS	:	.553	.496	.435
MAX RADIUS	:	1.012	.909	.887
HORIZONTAL SPREAD	:	1.851	1.384	1.228
VERTICAL SPREAD	:	1.252	1.109	1.109
EXTREME SPREAD	:	1.858	1.661	1.558
NUMBER IN ONE INCH CIRCLE	=		6	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

23 Apr 1998 FILE:/PATTERNING/CENTERFIRE_PATT/CG3490B9

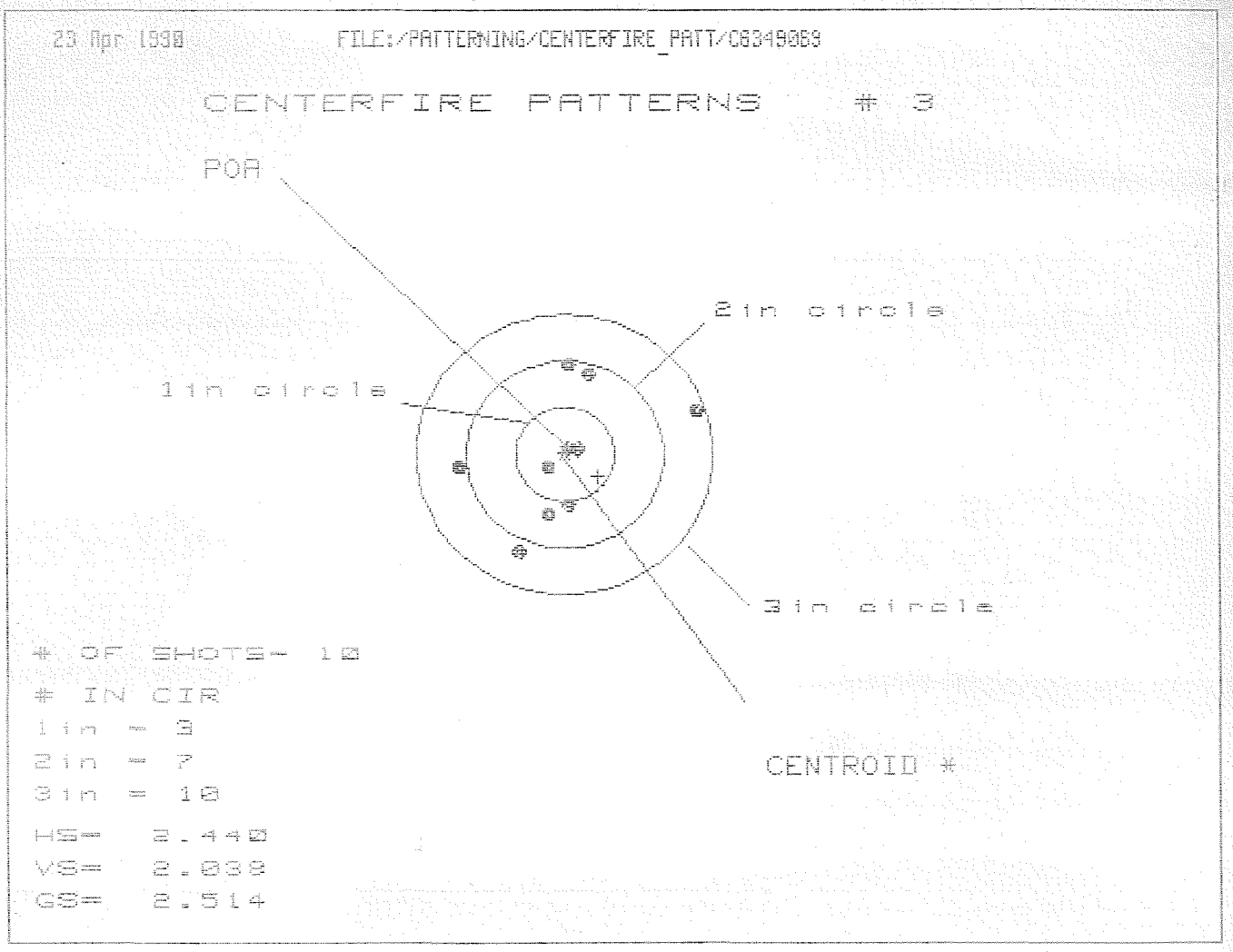
CENTERFIRE PATTERNS # 2



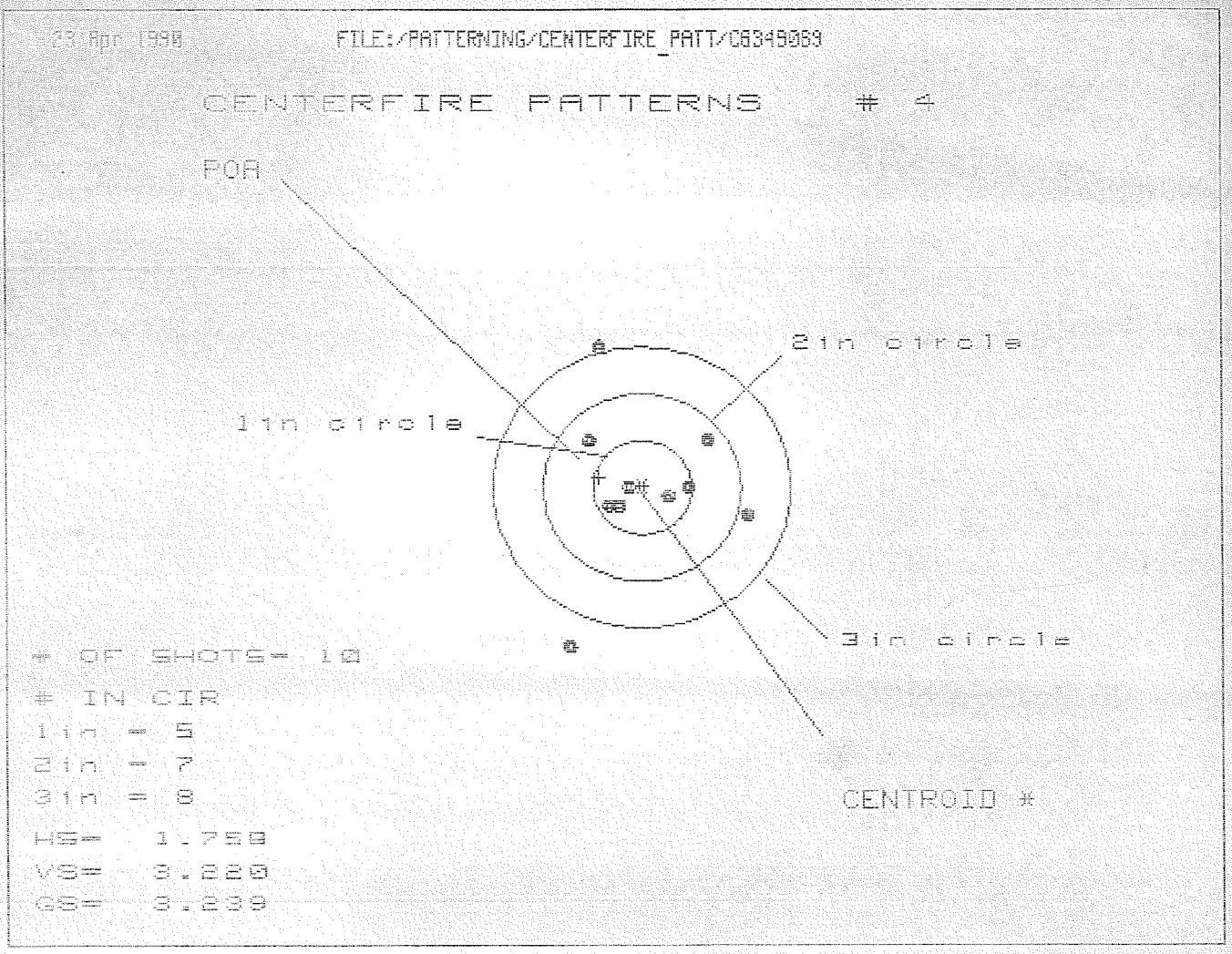
\# OF SHOTS= 10
\# IN CIR
1in = 0
2in = 4
3in = 9

HS= 1.876
VS= 2.528
GS= 2.564

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.699	.733	.782
MINIMUM X	:	-1.177	-1.099	-1.040
MAXIMUM Y	:	1.435	1.590	.968
MINIMUM Y	:	-1.093	-.938	-.739
CENTROID X	:	-.325	-.403	-.462
CENTROID Y	:	.168	.013	-.186
POA TO CENTROID in.	:	.366	.403	.498
MIN RADIUS	:	.631	.532	.506
MEAN RADIUS	:	1.030	.947	.824
MAX RADIUS	:	1.562	1.659	1.090
HORIZONTAL SPREAD	:	1.876	1.832	1.832
VERTICAL SPREAD	:	2.528	2.528	1.707
EXTREME SPREAD	:	2.564	2.533	2.020
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



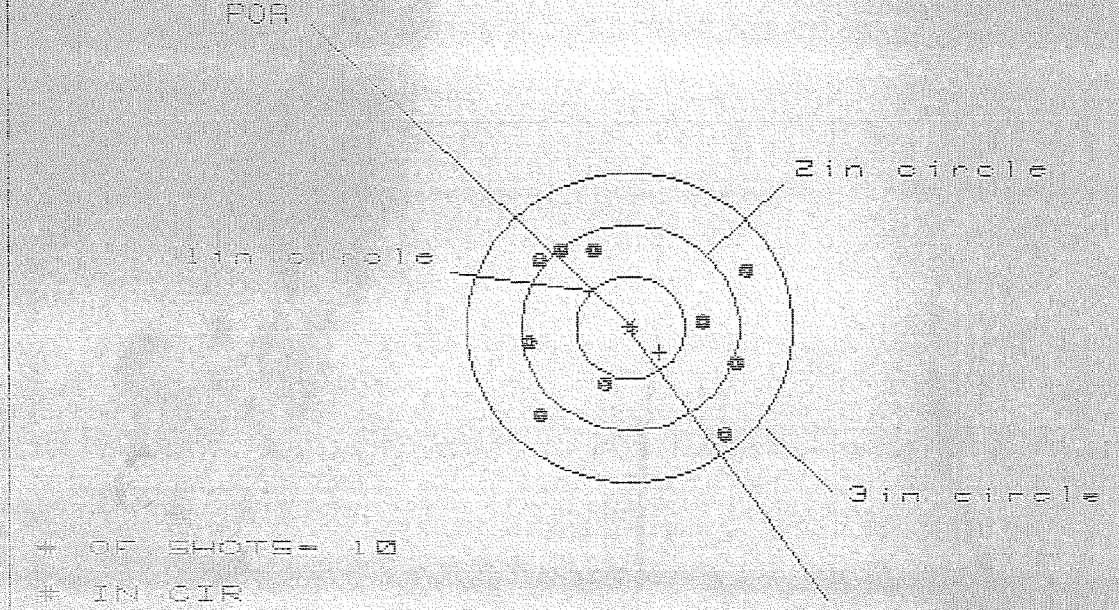
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.375	.389	.354
MINIMUM X	:	-1.065	-.912	-.947
MAXIMUM Y	:	1.000	1.046	.923
MINIMUM Y	:	-1.038	-.992	-.707
CENTROID X	:	-.333	-.486	-.451
CENTROID Y	:	.235	.189	.313
POA TO CENTROID in.	:	.408	.521	.549
MIN RADIUS	:	.122	.088	.166
MEAN RADIUS	:	.722	.640	.591
MAX RADIUS	:	1.438	1.057	.982
HORIZONTAL SPREAD	:	2.440	1.301	1.301
VERTICAL SPREAD	:	2.038	2.038	1.629
EXTREME SPREAD	:	2.514	2.082	1.673
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.015	.933	.873
MINIMUM X	:	-.743	-.665	-.725
MAXIMUM Y	:	1.482	1.289	.507
MINIMUM Y	:	-1.738	-.455	-.294
CENTROID X	:	.437	.519	.579
CENTROID Y	:	-.109	.084	-.077
POA TO CENTROID in.	:	.450	.526	.584
MIN RADIUS	:	.137	.285	.175
MEAN RADIUS	:	.767	.662	.532
MAX RADIUS	:	1.890	1.375	.921
HORIZONTAL SPREAD	:	1.758	1.598	1.598
VERTICAL SPREAD	:	3.220	1.744	.801
EXTREME SPREAD	:	3.239	2.243	1.760
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

27 Apr 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6349069

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 0
2in = 5
3in = 10

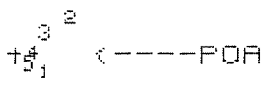
HS= 2.001
VS= 1.815
GS= 2.423

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.079	1.179	1.234
MINIMUM X	:	-.922	-.822	-.675
MAXIMUM Y	:	.792	.678	.730
MINIMUM Y	:	-1.023	-.959	-.907
CENTROID X	:	-.267	-.367	-.514
CENTROID Y	:	.241	.355	.303
POA TO CENTROID in.	:	.360	.511	.597
MIN RADIUS	:	.539	.623	.565
MEAN RADIUS	:	.988	.931	.872
MAX RADIUS	:	1.362	1.251	1.314
HORIZONTAL SPREAD	:	2.001	2.001	1.909
VERTICAL SPREAD	:	1.815	1.637	1.637
EXTREME SPREAD	:	2.423	2.359	2.105
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349069
18 Jun 1990

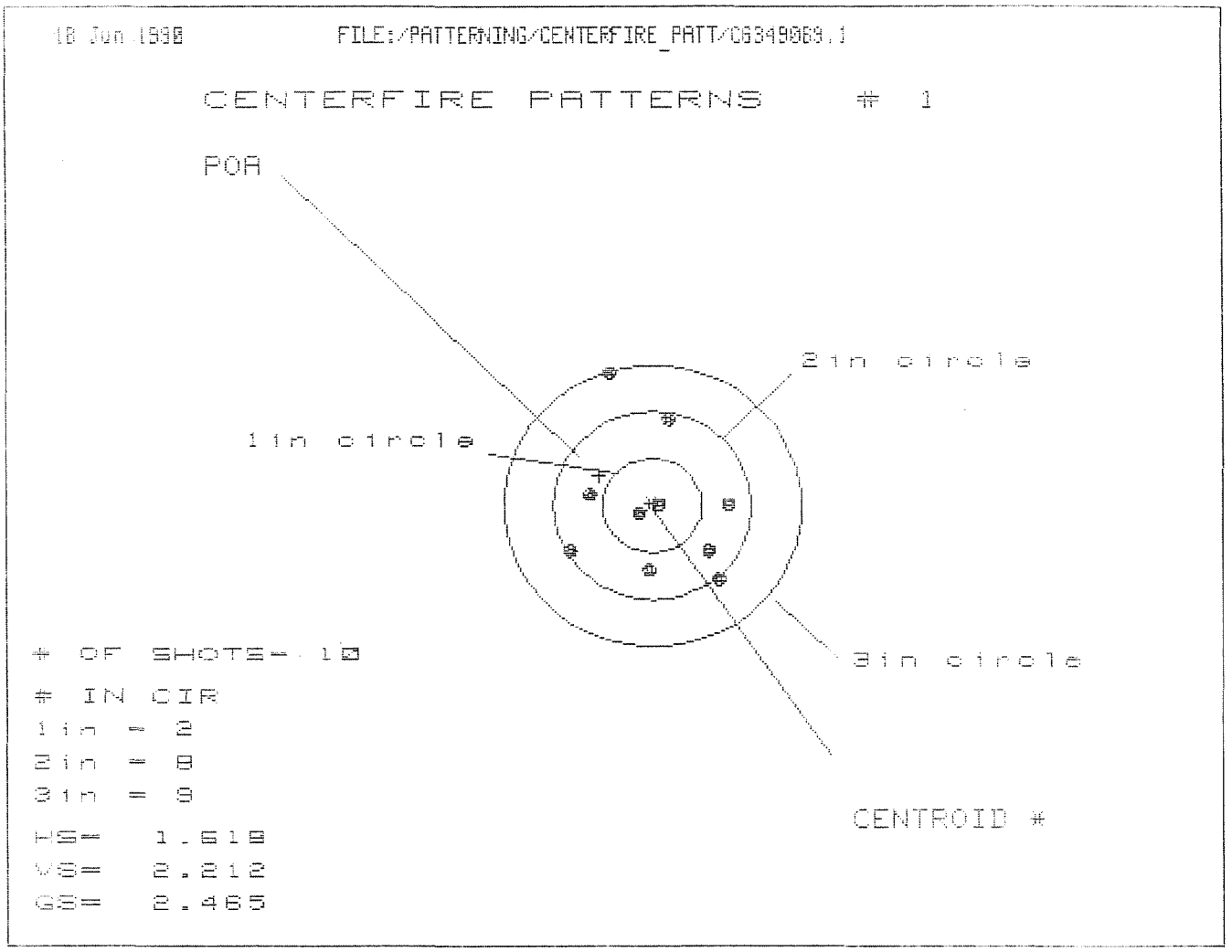
CENTROIDAL DISTANCES

0	TO	1	.623744
1	TO	2	1.14582
1	TO	3	.745217
1	TO	4	.429197
1	TO	5	.32067

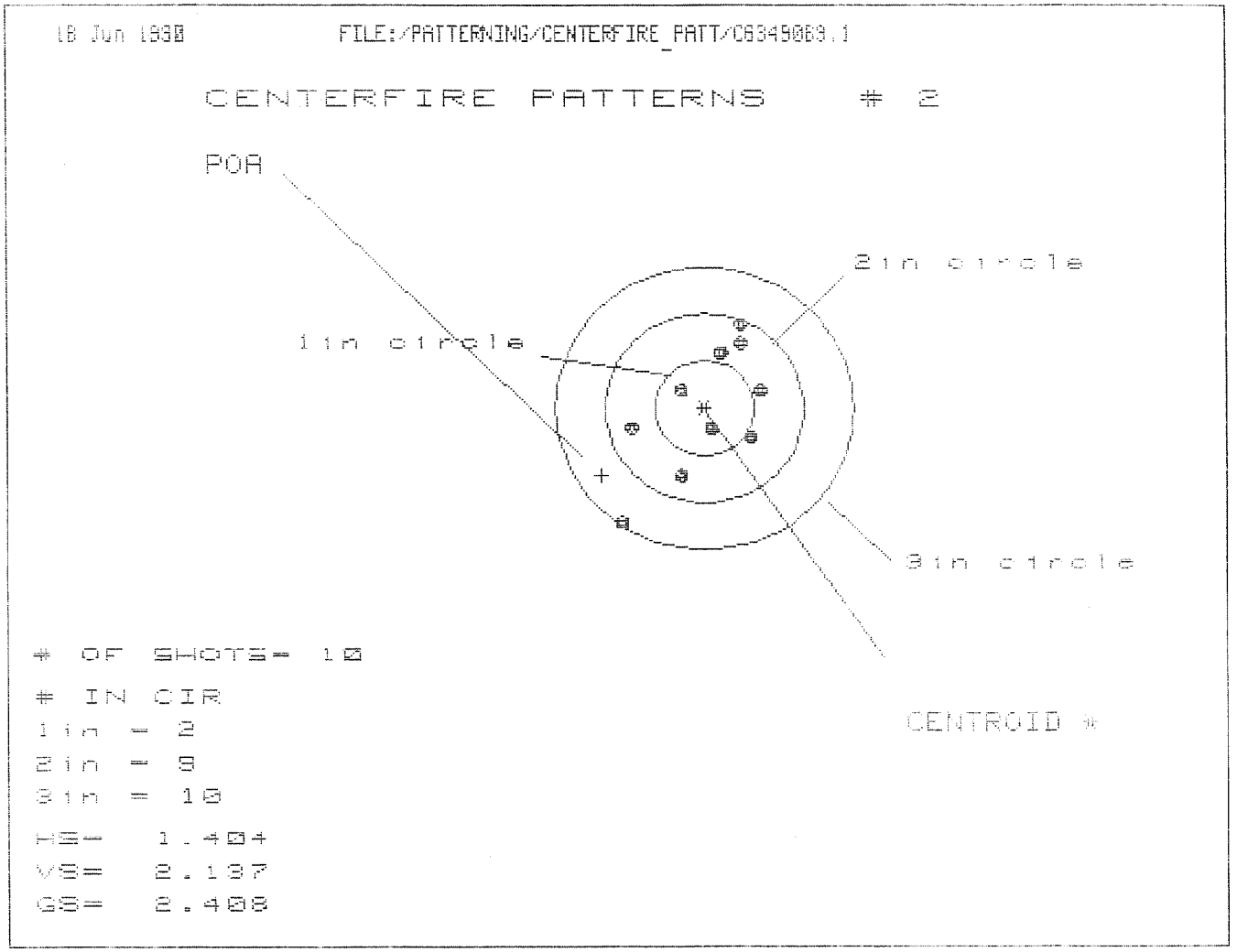


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5506
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1488
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .570352

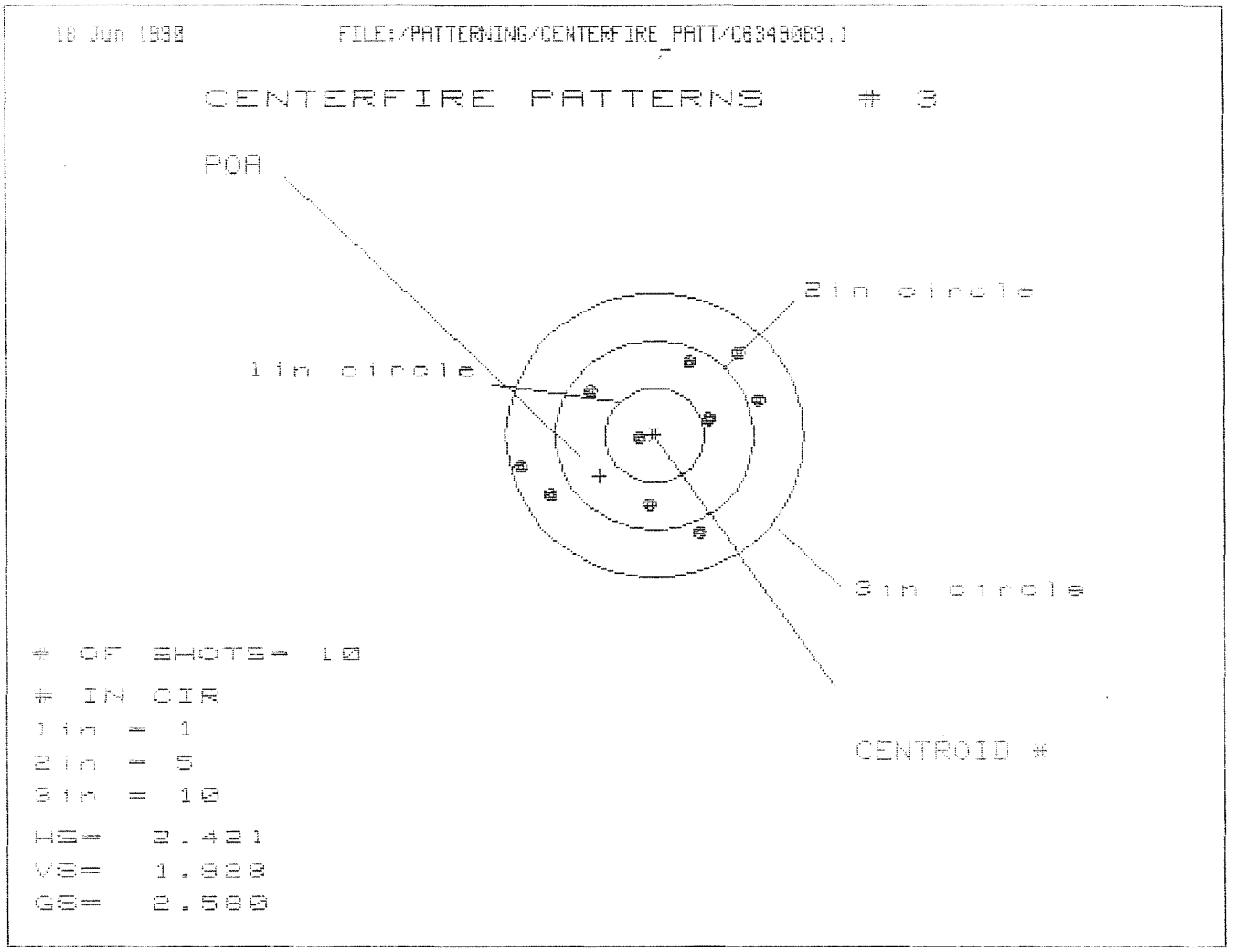
THE AMR FOR THIS RIFLE IS: .842



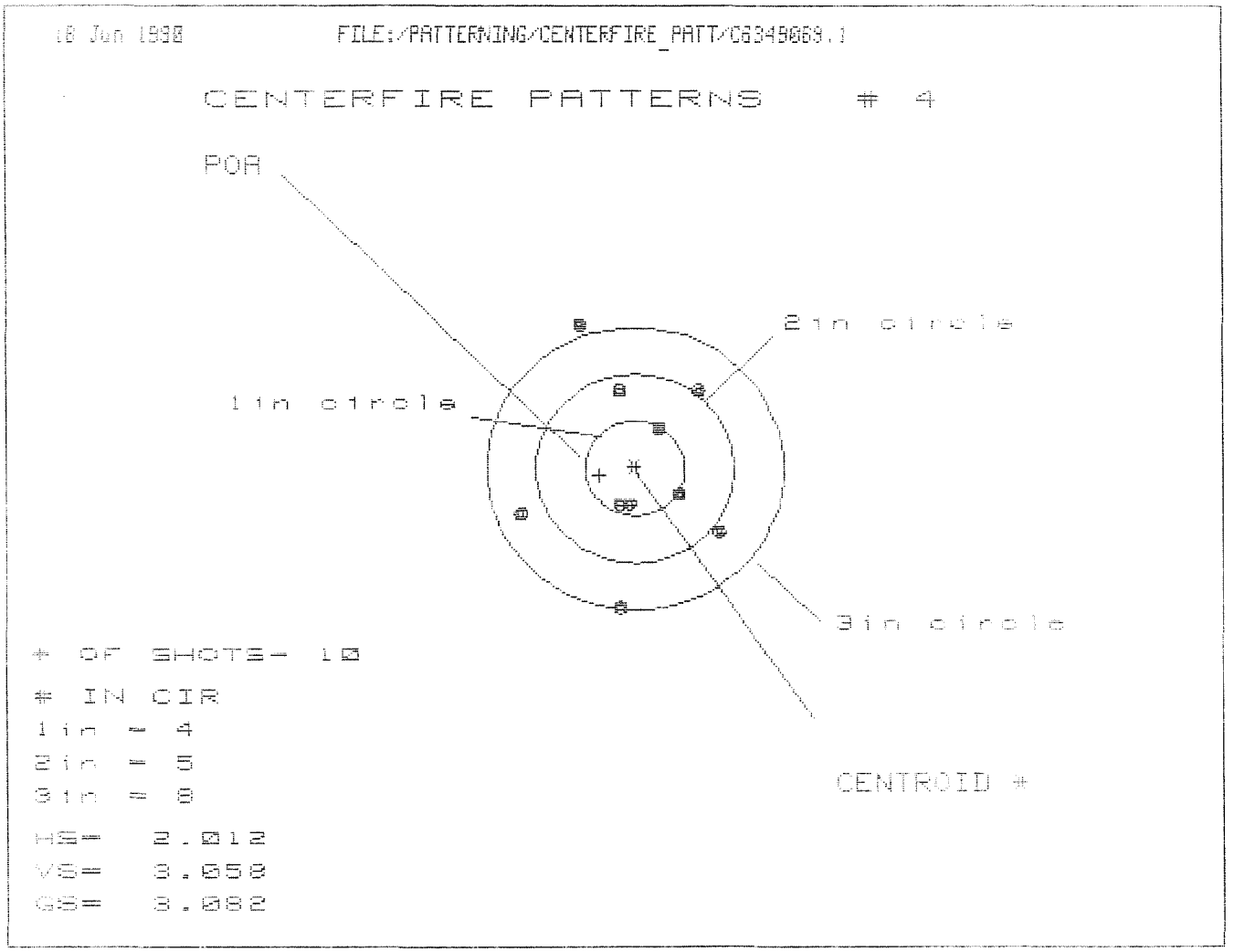
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.742	.689	.573
MINIMUM X	:	-.876	-.929	-.845
MAXIMUM Y	:	1.430	1.110	1.066
MINIMUM Y	:	-.782	-.623	-.667
CENTROID X	:	.536	.589	.705
CENTROID Y	:	-.319	-.478	-.434
POA TO CENTROID in.	:	.624	.758	.828
MIN RADIUS	:	.045	.169	.208
MEAN RADIUS	:	.752	.660	.619
MAX RADIUS	:	1.506	1.115	1.066
HORIZONTAL SPREAD	:	1.618	1.618	1.418
VERTICAL SPREAD	:	2.212	1.733	1.733
EXTREME SPREAD	:	2.465	1.792	1.792
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	



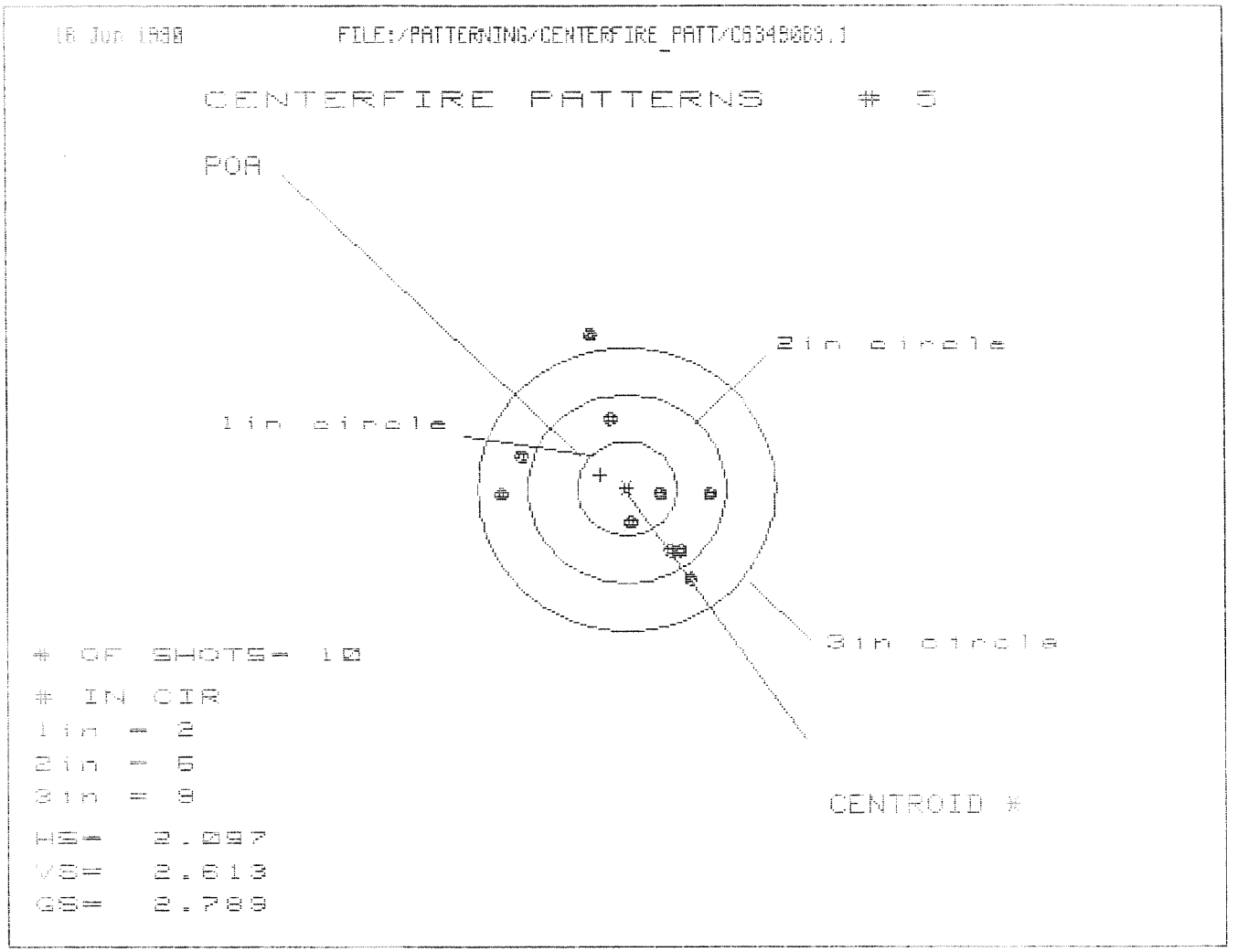
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.609	.521	.549
MINIMUM X	:	-.795	-.791	-.763
MAXIMUM Y	:	.937	.804	.673
MINIMUM Y	:	-1.200	-.849	-.749
CENTROID X	:	1.038	1.126	1.098
CENTROID Y	:	.711	.844	.744
POA TO CENTROID in.	:	1.258	1.408	1.326
MIN RADIUS	:	.257	.291	.291
MEAN RADIUS	:	.705	.611	.575
MAX RADIUS	:	1.439	.920	.816
HORIZONTAL SPREAD	:	1.404	1.312	1.312
VERTICAL SPREAD	:	2.137	1.653	1.422
EXTREME SPREAD	:	2.408	1.751	1.568
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.060	.908	1.000
MINIMUM X	:	-1.361	-1.177	-1.086
MAXIMUM Y	:	.914	.874	.794
MINIMUM Y	:	-1.014	-1.054	-.945
CENTROID X	:	.554	.706	.615
CENTROID Y	:	.426	.466	.357
POA TO CENTROID in.	:	.699	.846	.711
MIN RADIUS	:	.180	.336	.236
MEAN RADIUS	:	.918	.857	.813
MAX RADIUS	:	1.409	1.344	1.212
HORIZONTAL SPREAD	:	2.421	2.085	2.085
VERTICAL SPREAD	:	1.928	1.928	1.739
EXTREME SPREAD	:	2.580	2.441	2.315
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.885	.824	.795
MINIMUM X	:	-1.127	-1.188	-1.217
MAXIMUM Y	:	1.544	1.034	.866
MINIMUM Y	:	-1.514	-1.343	-.682
CENTROID X	:	.359	.420	.449
CENTROID Y	:	.072	-.099	.069
POA TO CENTROID in.	:	.367	.432	.454
MIN RADIUS	:	.395	.237	.404
MEAN RADIUS	:	.916	.805	.740
MAX RADIUS	:	1.638	1.362	1.289
HORIZONTAL SPREAD	:	2.012	2.012	2.012
VERTICAL SPREAD	:	3.058	2.377	1.548
EXTREME SPREAD	:	3.082	2.499	2.188
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.865	.826	.667
MINIMUM X	:	-1.232	-1.271	-1.281
MAXIMUM Y	:	1.637	.927	.944
MINIMUM Y	:	-.977	-.795	-.779
CENTROID X	:	.266	.305	.463
CENTROID Y	:	-.146	-.327	-.344
POA TO CENTROID in.	:	.303	.447	.577
MIN RADIUS	:	.332	.223	.214
MEAN RADIUS	:	.919	.794	.690
MAX RADIUS	:	1.673	1.277	1.409
HORIZONTAL SPREAD	:	2.097	2.097	1.949
VERTICAL SPREAD	:	2.613	1.722	1.722
EXTREME SPREAD	:	2.789	2.187	2.187
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	