C661659

MODEL 700™ M24

Model SWS™

Action

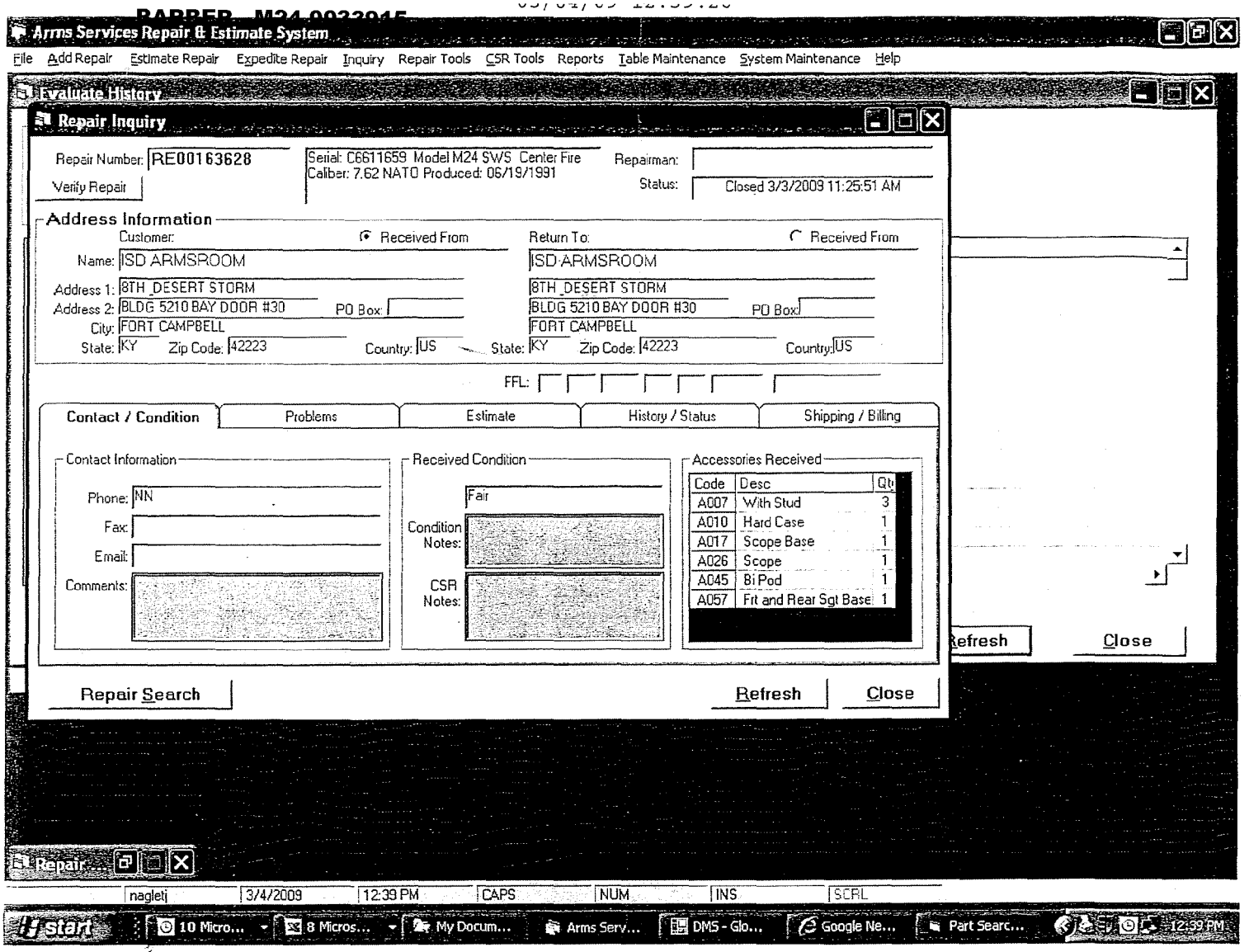
Barrel Length

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
Evaluate History
Repair Inquiry
Repair Number: RE00163628
Verify Repair
Serial: C6611659 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1991
Repairman:
Status: Closed 3/3/2009 11:25:51 AM
Address Information
Customer: Received From
Name: ISD ARMSROOM
Address 1: 8TH DESERT STORM
Address 2: BLDG 5210 BAY DOOR #30 PO Box:
City: FORT CAMPBELL
State: KY Zip Code: 42223 Country: US
Return To: Received From
ISD ARMSROOM
8TH DESERT STORM
BLDG 5210 BAY DOOR #30 PO Box:
FORT CAMPBELL
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 Qt
A007 With Stud 3
A010 Hard Case 1
A017 Scope Base 1
A026 Scope 1
A045 Bi Pod 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
Refresh
Close
Repair...
nagletj 3/4/2009 12:39 PM CAPS NUM INS SCRL
start
10 Micro...
8 Micros...
My Docum...
Arms Serv...
DMS - Glo...
Google Ne...
Part Searc...
12:39 PM


Serial Number: C6611659
Model: M24 SWS
RE00163628

M-24

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER 163628

SERIAL NUMBER C6611659

LOG-IN DATE 3-3-09

OPERATION #	OPERATION NAME				DATE	INITIAL
500	DIS-ASSEMBLE GUN				3-10-09	RTC
505	RE-BARREL				3-16-09	RTC
420	ASSEMBLE				3-16-09	RTC
440	PROOF	MAGNA - FLUX			3-17-09	TC
460	CHECK HEADSPACE				3-17-09	TC
470	DIS-ASSEMBLE GUN				3-17-09	RTC
480	MAGNAFLUX	OPERATOR			3/20/09	R
510	DRILL AND TAP				3-17-09	JP
500	ROLLMARK CALIBER				3/24/09	RT
520	GOFF BLAST BBL / REC				3-24	BT
530 & 540	APPLY COATINGS				3-31	—
560	FINAL ASSEMBLY				4-3-09	RTC
640	FUNCTION TEST AND	(PASS)	FAIL		4-3-09	TC
650	TARGET	(PASS)	FAIL		4-3-09	TC
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION		N/A		
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION			4-3-09	WW
670	FINAL INSPECTION				4-4-09	L.W.
	A) HEADSPACE	(PASS)	FAIL		4-4-09	L.W.
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.77	2.71	2.70 2.69 2.72	4-3-09	TC
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.0	4.0	3.0	4-4-09	L.W.
	G) SAFETY OFF FORCE (2 LBS MIN)	5.0	5.0	5.0	4-4-09	L.W.
	I) FIRING PIN INDENT (.020)	.023	.023	.023	4-4-09	L.W.
690	PACK				4/6/09	FM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611659.__0
FILE DATE AND TIME: 04/04/2009 05:01

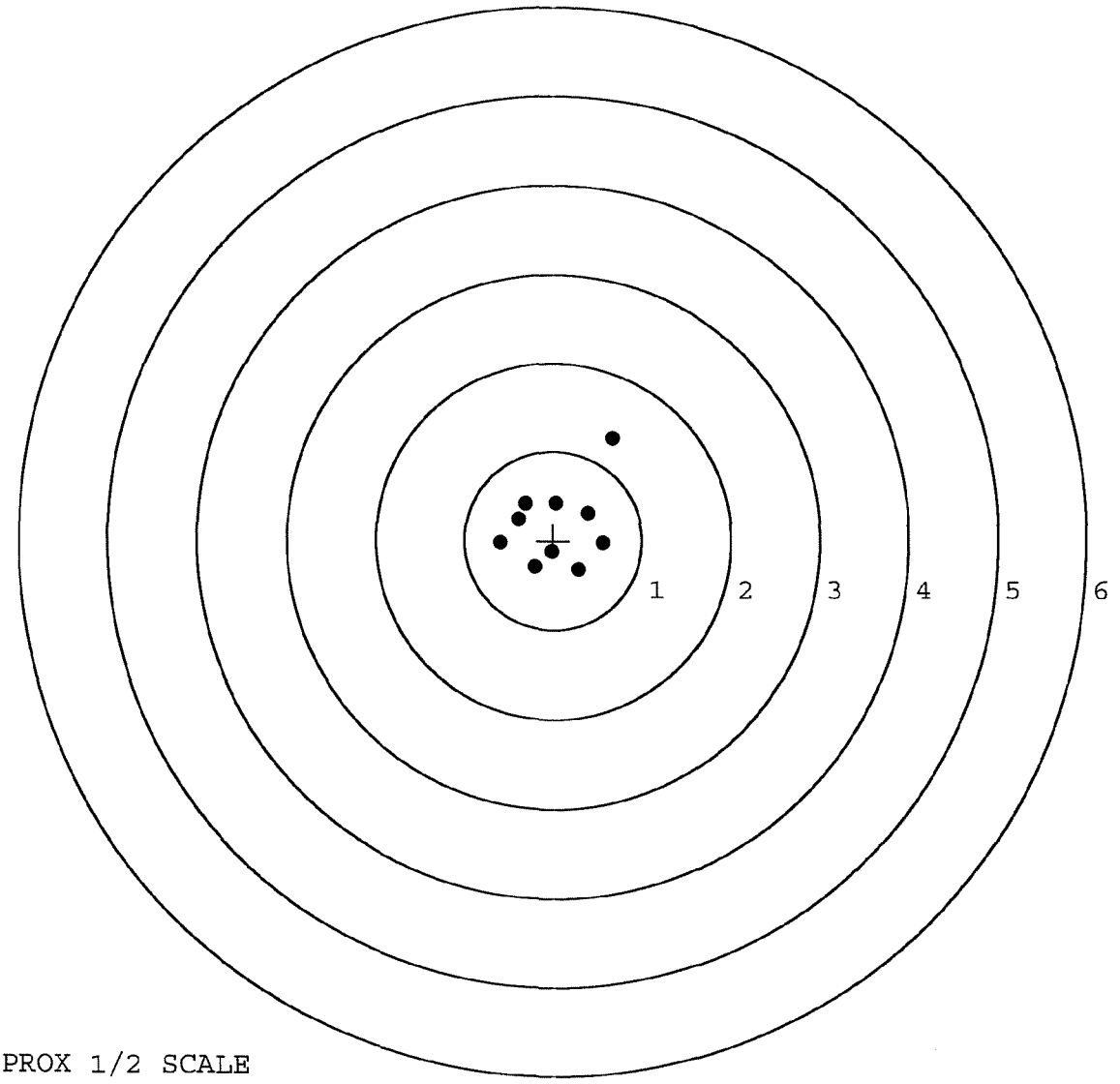
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.034
The Average Y Centroid of the Five Target Set:	0.065
The Average Point of Impact of the Five Target Set:	0.074
The Average Mean Radius of the Five Target Set:	0.514
The Distance from POA to Centroid Target #1:	0.174
The Distance from Centroid Target #2 to Centroid Target #1:	0.284
The Distance from Centroid Target #3 to Centroid Target #1:	0.126
The Distance from Centroid Target #4 to Centroid Target #1:	0.059
The Distance from Centroid Target #5 to Centroid Target #1:	0.106

SERIAL NUMBER: C6611659.__0
TARGET NUMBER: 1
FILE DATE: 04/04/2009
FILE TIME: 05:01

X CENTROID:	0.041
Y CENTROID:	0.169
POA TO CENTROID:	0.174
HORZ SPREAD:	1.272
VERT SPREAD:	1.479
GROUP SPREAD:	1.732
MIN RADIUS:	0.250
MAX RADIUS:	1.165
MEAN RADIUS:	0.530
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.673	1.148
2:	0.033	0.419
3:	-0.318	0.411
4:	0.388	0.302
5:	0.566	-0.027
6:	0.290	-0.331
7:	-0.212	-0.304
8:	-0.599	-0.027
9:	-0.399	0.236
10:	-0.017	-0.133

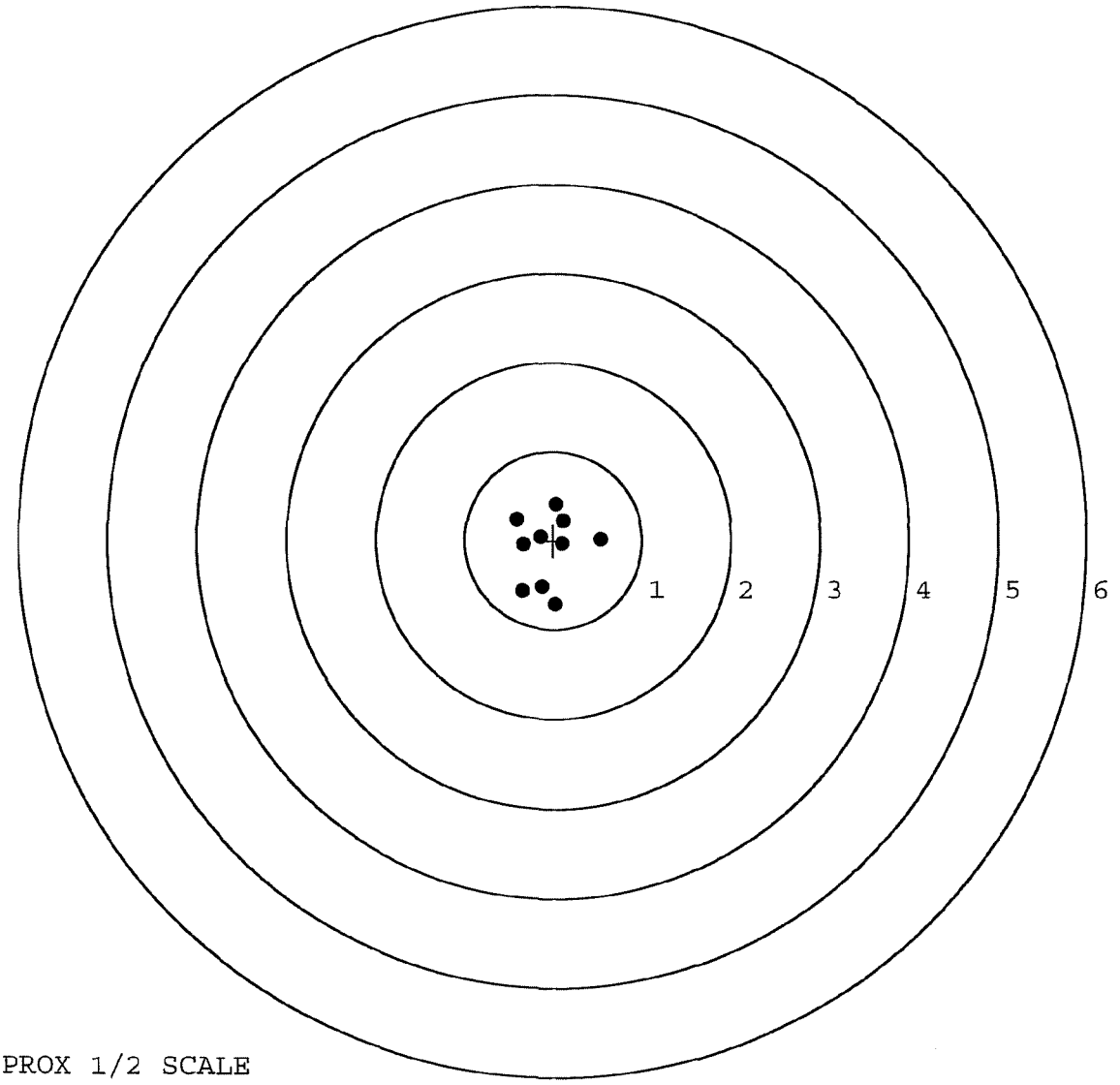


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611659.__0
TARGET NUMBER: 2
FILE DATE: 04/04/2009
FILE TIME: 05:01

X CENTROID:	-0.056
Y CENTROID:	-0.098
POA TO CENTROID:	0.113
HORZ SPREAD:	0.956
VERT SPREAD:	1.129
GROUP SPREAD:	1.129
MIN RADIUS:	0.166
MAX RADIUS:	0.629
MEAN RADIUS:	0.422
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.420	0.234
2:	0.536	0.017
3:	0.026	-0.721
4:	-0.127	-0.521
5:	-0.348	-0.579
6:	-0.335	-0.052
7:	-0.141	0.045
8:	0.106	-0.034
9:	0.109	0.225
10:	0.032	0.408

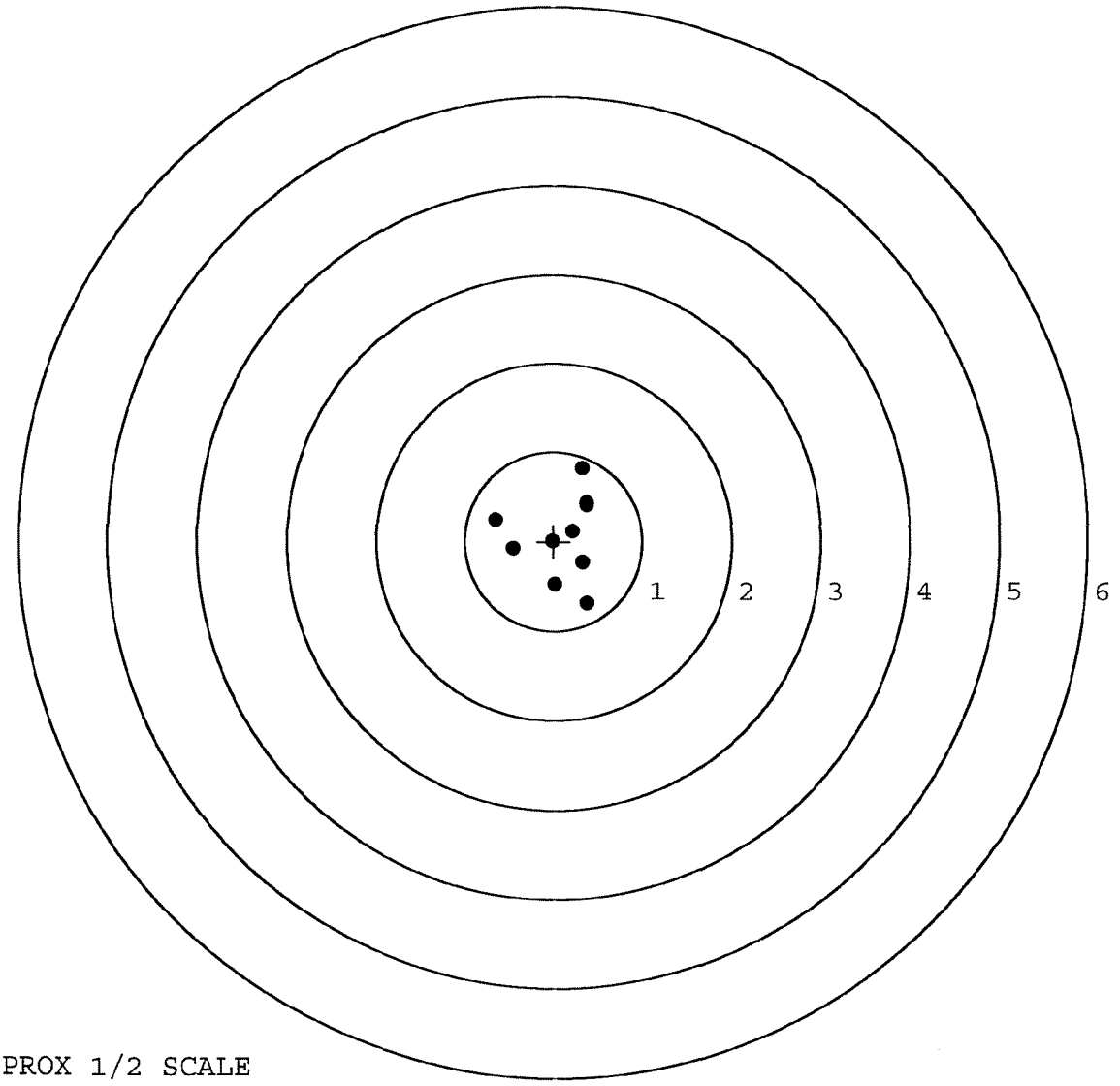


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611659.__0
TARGET NUMBER: 3
FILE DATE: 04/04/2009
FILE TIME: 05:01

X CENTROID:	0.087
Y CENTROID:	0.052
POA TO CENTROID:	0.102
HORZ SPREAD:	1.041
VERT SPREAD:	1.512
GROUP SPREAD:	1.513
MIN RADIUS:	0.117
MAX RADIUS:	0.804
MEAN RADIUS:	0.506
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.015	-0.004
2:	0.219	0.115
3:	0.372	0.412
4:	0.325	0.820
5:	0.378	-0.692
6:	0.328	-0.238
7:	0.017	-0.485
8:	-0.663	0.246
9:	-0.460	-0.085
10:	0.370	0.435

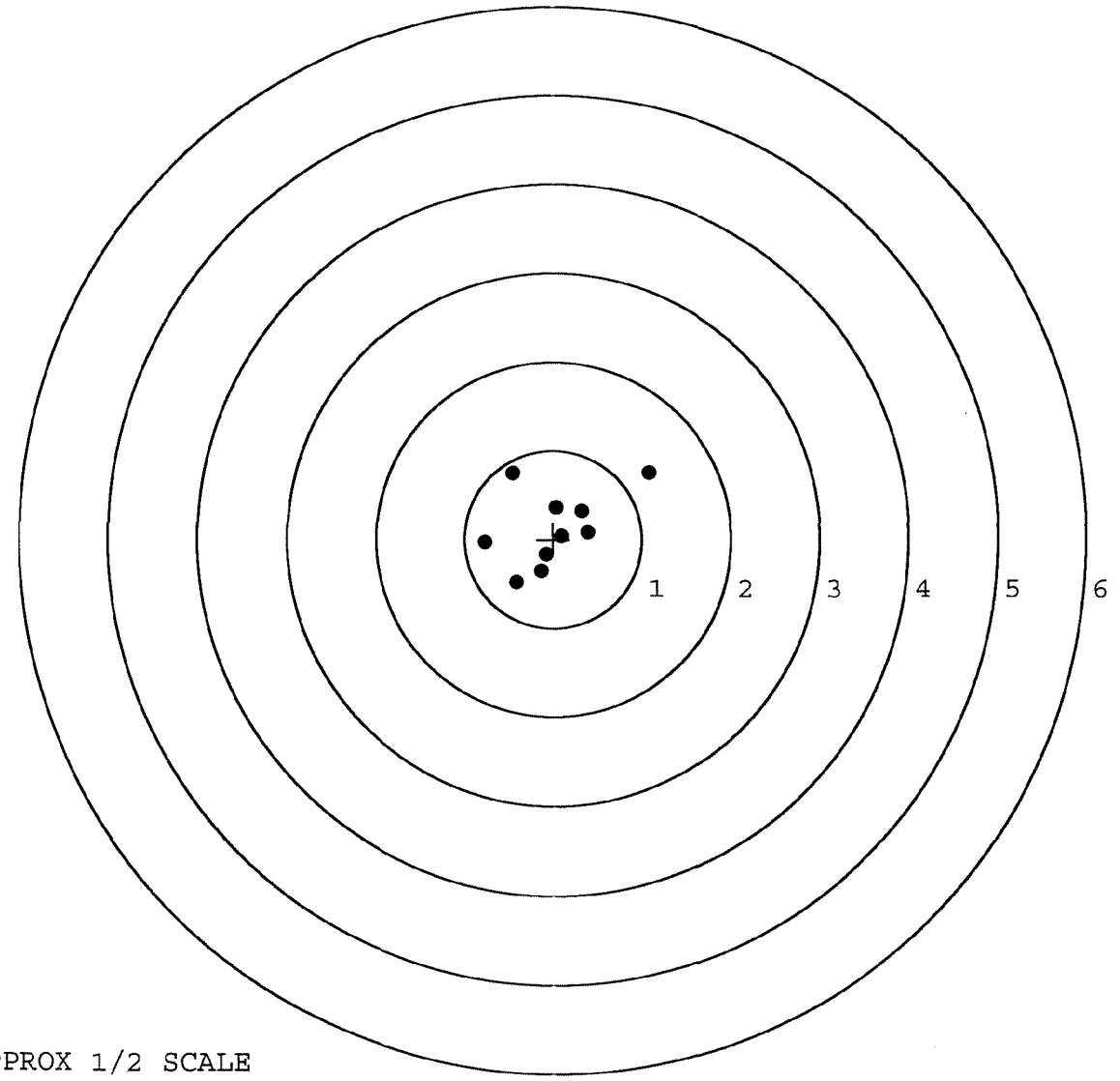


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611659.__0
TARGET NUMBER: 4
FILE DATE: 04/04/2009
FILE TIME: 05:01

X CENTROID:	0.005
Y CENTROID:	0.122
POA TO CENTROID:	0.122
HORZ SPREAD:	1.847
VERT SPREAD:	1.238
GROUP SPREAD:	2.008
MIN RADIUS:	0.128
MAX RADIUS:	1.240
MEAN RADIUS:	0.550
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.075	0.748
2:	-0.466	0.745
3:	-0.772	-0.039
4:	-0.417	-0.490
5:	-0.135	-0.362
6:	-0.086	-0.175
7:	0.397	0.085
8:	0.032	0.356
9:	0.099	0.036
10:	0.321	0.317

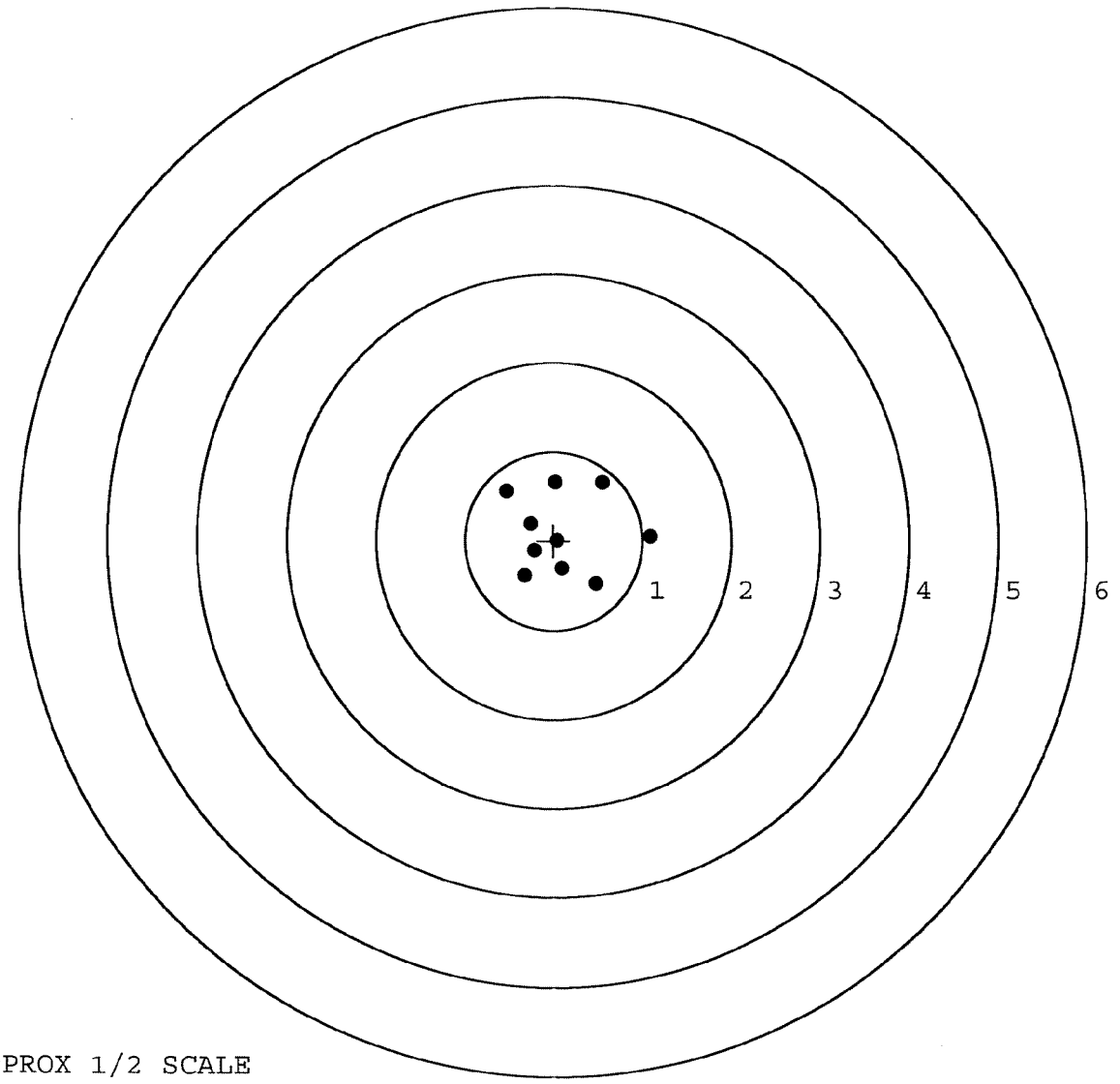


TARGET APPROX 1/2 SCALE

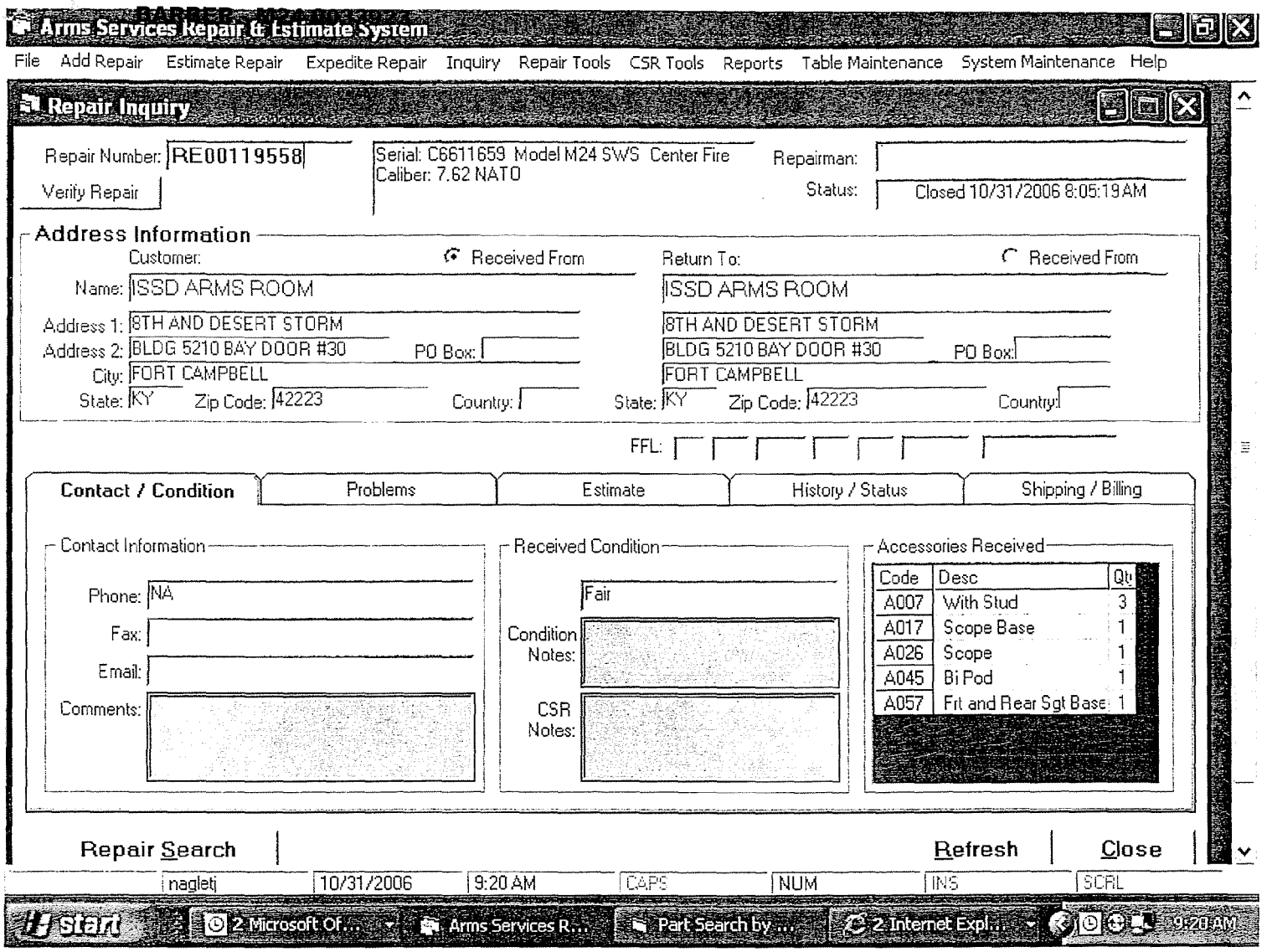
SERIAL NUMBER: C6611659.__0
TARGET NUMBER: 5
FILE DATE: 04/04/2009
FILE TIME: 05:01

X CENTROID:	0.096
Y CENTROID:	0.079
POA TO CENTROID:	0.124
HORZ SPREAD:	1.617
VERT SPREAD:	1.139
GROUP SPREAD:	1.695
MIN RADIUS:	0.099
MAX RADIUS:	0.991
MEAN RADIUS:	0.564
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.087	0.050
2:	0.554	0.654
3:	0.025	0.654
4:	-0.530	0.558
5:	0.484	-0.485
6:	-0.330	-0.395
7:	0.098	-0.314
8:	-0.254	0.189
9:	0.044	-0.005
10:	-0.218	-0.114



TARGET APPROX 1/2 SCALE



Serial Number: C6611659

Model: M24 SWS

RE00119558

M-24

INSPECTION CHECKLIST - REPAIRS

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

R & E NUMBER	119 558
SERIAL NUMBER	C661165 9
LOG-IN DATE	10-31-06

OPERATION #	OPERATION NAME			DATE	INITIAL
500	DIS-ASSEMBLE GUN				
505	RE-BARREL				
420	ASSEMBLE				
440	PROOF				
460	CHECK HEADSPACE				
470	DIS-ASSEMBLE GUN			11-3-06	RTC
480	MAGNAFLUX				
510	DRILL AND TAP				
500	ROLLMARK CALIBER				
520	GOFF BLAST BBL / REC				
530 & 540	APPLY COATINGS				
560	FINAL ASSEMBLY				
640	FUNCTION TEST AND	(PASS)	FAIL	11-3-06	TRW
650	TARGET + Clean 1 ten shot group	(PASS)	FAIL	11-3-06	TRW
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION	N/A		
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION				
	A) HEADSPACE	(PASS)	FAIL	12-1-06	BLC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.56	2.69 2.60 2.55 2.53	12-1-06	DA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	6.5	6.0 6.0		DA
	G) SAFETY OFF FORCE (2 LBS MIN)	2.5	2.5 3.6		DA
	I) FIRING PIN INDENT (.020)	.023	023 022	12-1-06	DA
690	PACK			12.4.06	DA

F006 REV 5/2006

 FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

_____ BARREL

_____ RECEIVER

_____ FRONT SIGHT BASE

_____ REAR SIGHT BASE

_____ SCREWS

_____ FINISH

SCOPE ASSEMBLY

_____ SCOPE

_____ SCOPE RINGS

_____ MOUNTING SCREWS

_____ MOUNTING BASE

_____ SCREWS

_____ FINISH

_____ CLARITY

STOCK ASSEMBLY

_____ STOCK

_____ SLING SWIVEL STUDS

_____

_____ BUTT PATE

_____ LOCK NUTS

_____ BARREL CLEARANCE

_____ COLOR / FINISH

SYSTEM CASE

_____ SCOPE CASE

_____ IRON SIGHTS

_____ DEPLOYMENT KIT

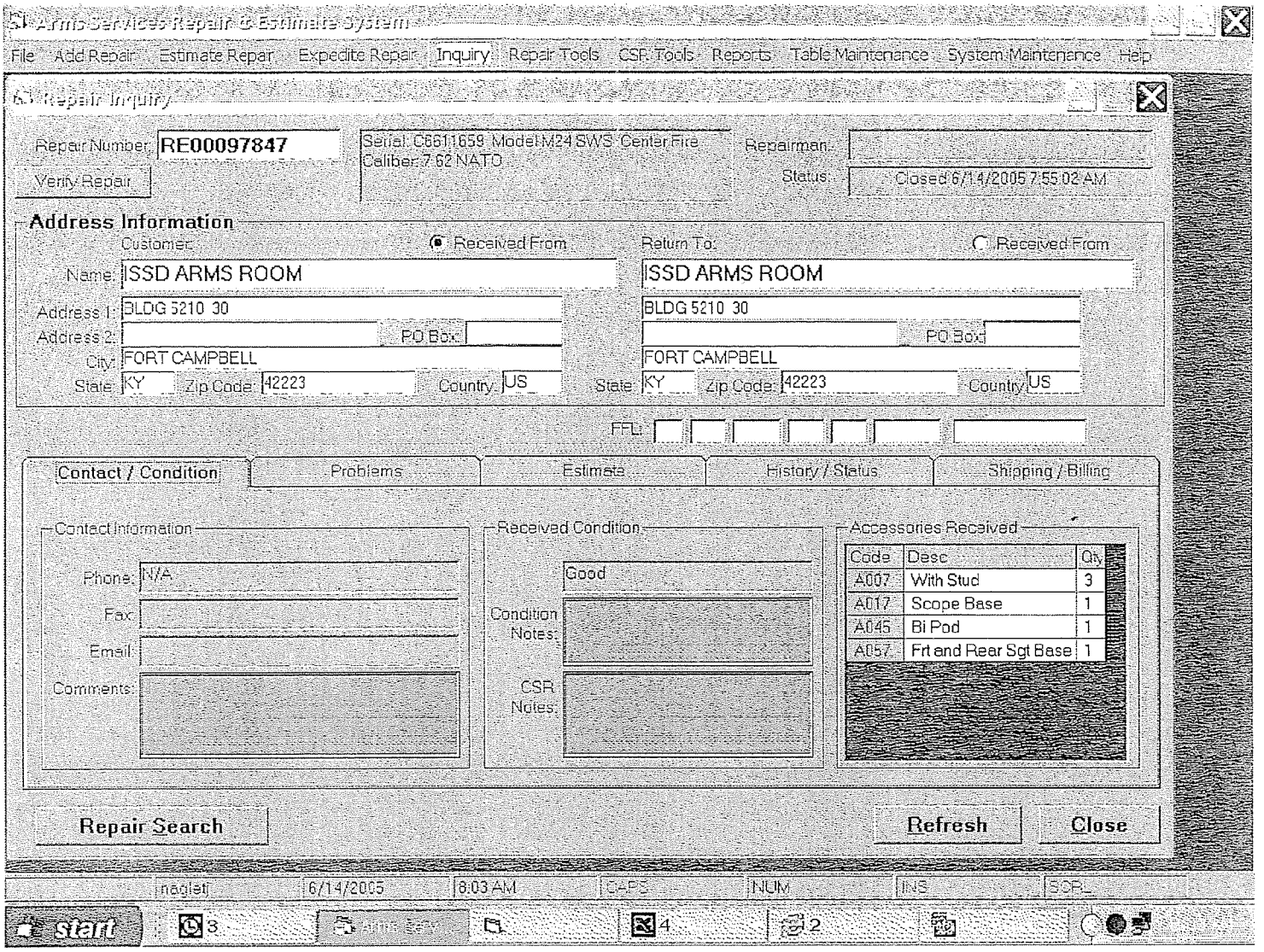
TRIGGER ASSEMBLY

_____ SAFETY OPERATION

_____ RE-SET TO FACTORY SPECS

COMMENTS: _____

F006 REV 5/2006


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: RE00097847
Verify Repair
Serial: C6611659 Model: M24 SWS Center Fire Caliber: 7.62 NATO
Repairman:
Status: Closed 6/14/2005 7:55:02 AM
Address Information
Customer
Received From
Name: SSD ARMS ROOM
Address 1: BLDG 5210 30
Address 2:
PO Box:
City: FORT CAMPBELL
State: KY Zip Code: 42223 Country: US
Return To:
Received From
SSD ARMS ROOM
BLDG 5210 30
PO Box:
FORT CAMPBELL
State: KY Zip Code: 42223 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone: N/A
Fax:
Email:
Comments:
Received Condition
Good
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A007 With Stud 3
A017 Scope Base 1
A045 Bi Pod 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
6/14/2005
8:03 AM
CAPS
NUM
INS
OVR
start


Serial Number: C6611659
Model: M24 SWS
RE00097847

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611659.__0
FILE DATE AND TIME: 06/23/2005 10:04

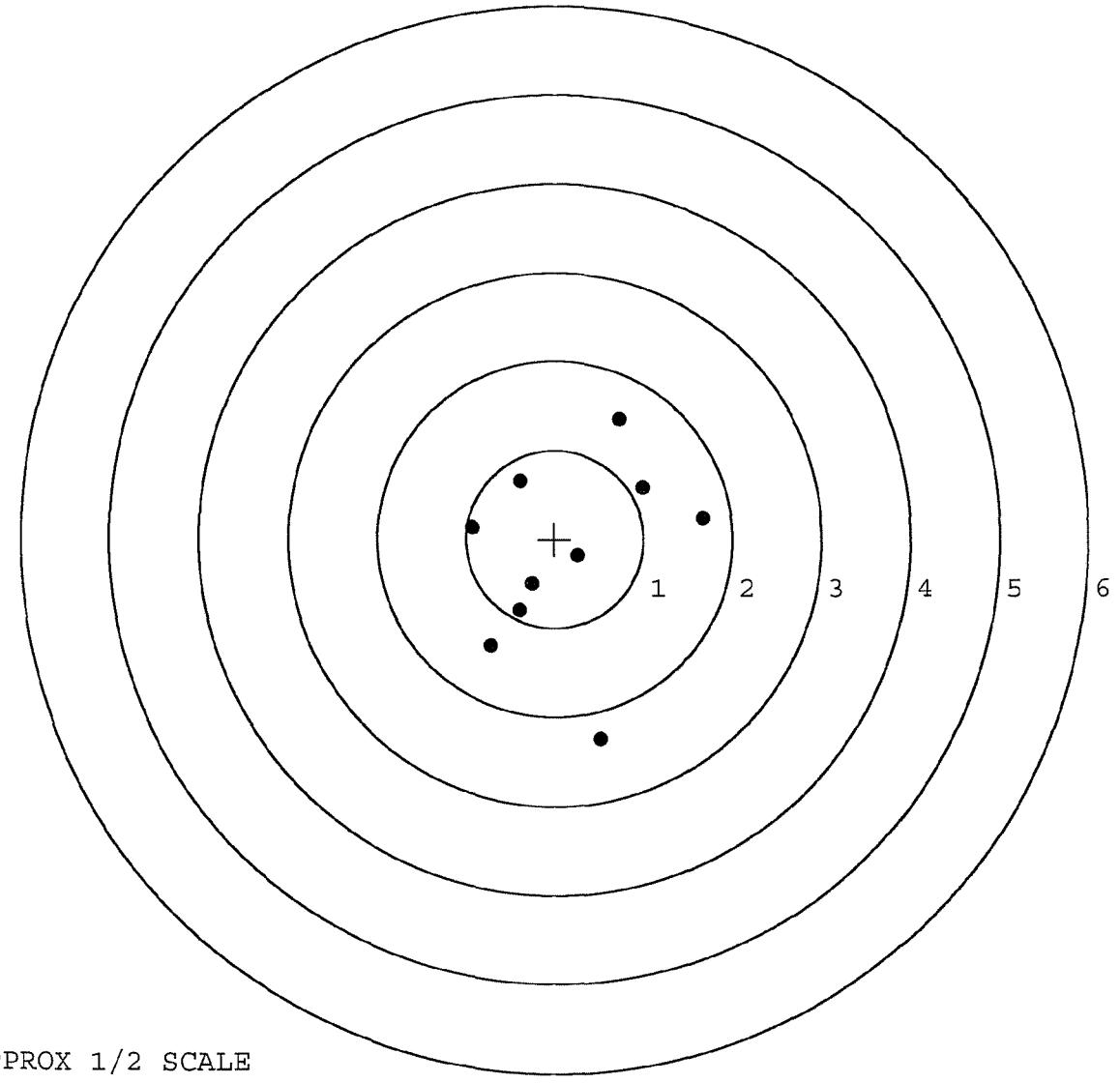
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.100
The Average Y Centroid of the Five Target Set:	-0.014
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.932
The Distance from POA to Centroid Target #1:	0.250
The Distance from Centroid Target #2 to Centroid Target #1:	0.180
The Distance from Centroid Target #3 to Centroid Target #1:	0.308
The Distance from Centroid Target #4 to Centroid Target #1:	0.287
The Distance from Centroid Target #5 to Centroid Target #1:	0.243

SERIAL NUMBER: C6611659.__0
TARGET NUMBER: 1
FILE DATE: 06/23/2005
FILE TIME: 10:04

X CENTROID:	0.149
Y CENTROID:	-0.201
POA TO CENTROID:	0.250
HORZ SPREAD:	2.597
VERT SPREAD:	3.596
GROUP SPREAD:	3.601
MIN RADIUS:	0.115
MAX RADIUS:	2.087
MEAN RADIUS:	1.137
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	0.727	1.343
2:	0.989	0.581
3:	1.669	0.246
4:	-0.392	0.654
5:	-0.928	0.128
6:	0.263	-0.190
7:	-0.257	-0.509
8:	-0.396	-0.809
9:	-0.717	-1.201
10:	0.532	-2.253

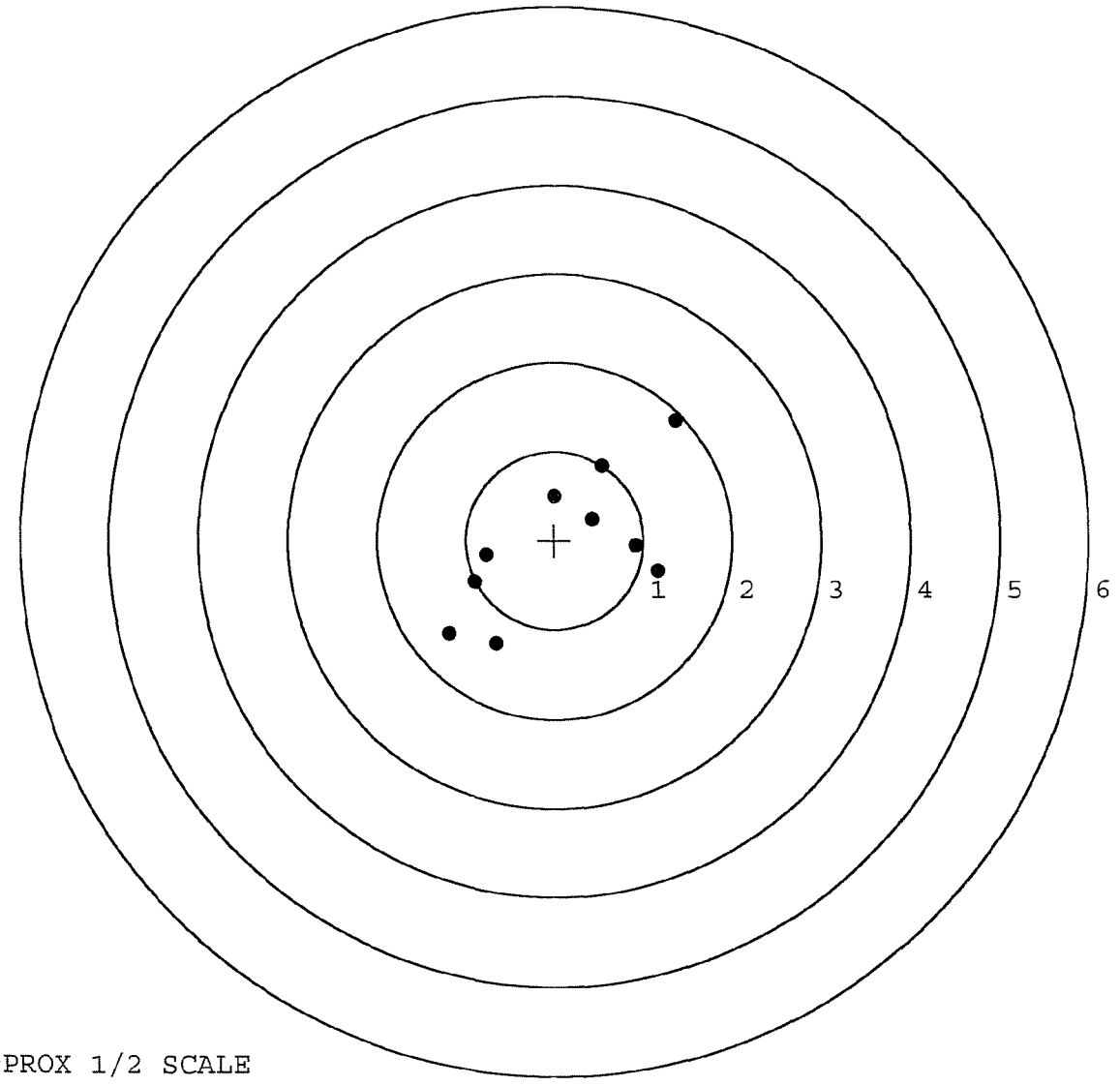


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611659.__0
TARGET NUMBER: 2
FILE DATE: 06/23/2005
FILE TIME: 10:04

X CENTROID:	0.088
Y CENTROID:	-0.031
POA TO CENTROID:	0.094
HORZ SPREAD:	2.549
VERT SPREAD:	2.515
GROUP SPREAD:	3.506
MIN RADIUS:	0.436
MAX RADIUS:	1.881
MEAN RADIUS:	1.072
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.363	1.351
2:	0.538	0.843
3:	-0.012	0.496
4:	0.425	0.245
5:	0.918	-0.054
6:	1.161	-0.345
7:	-0.768	-0.164
8:	-0.901	-0.467
9:	-1.186	-1.056
10:	-0.656	-1.164

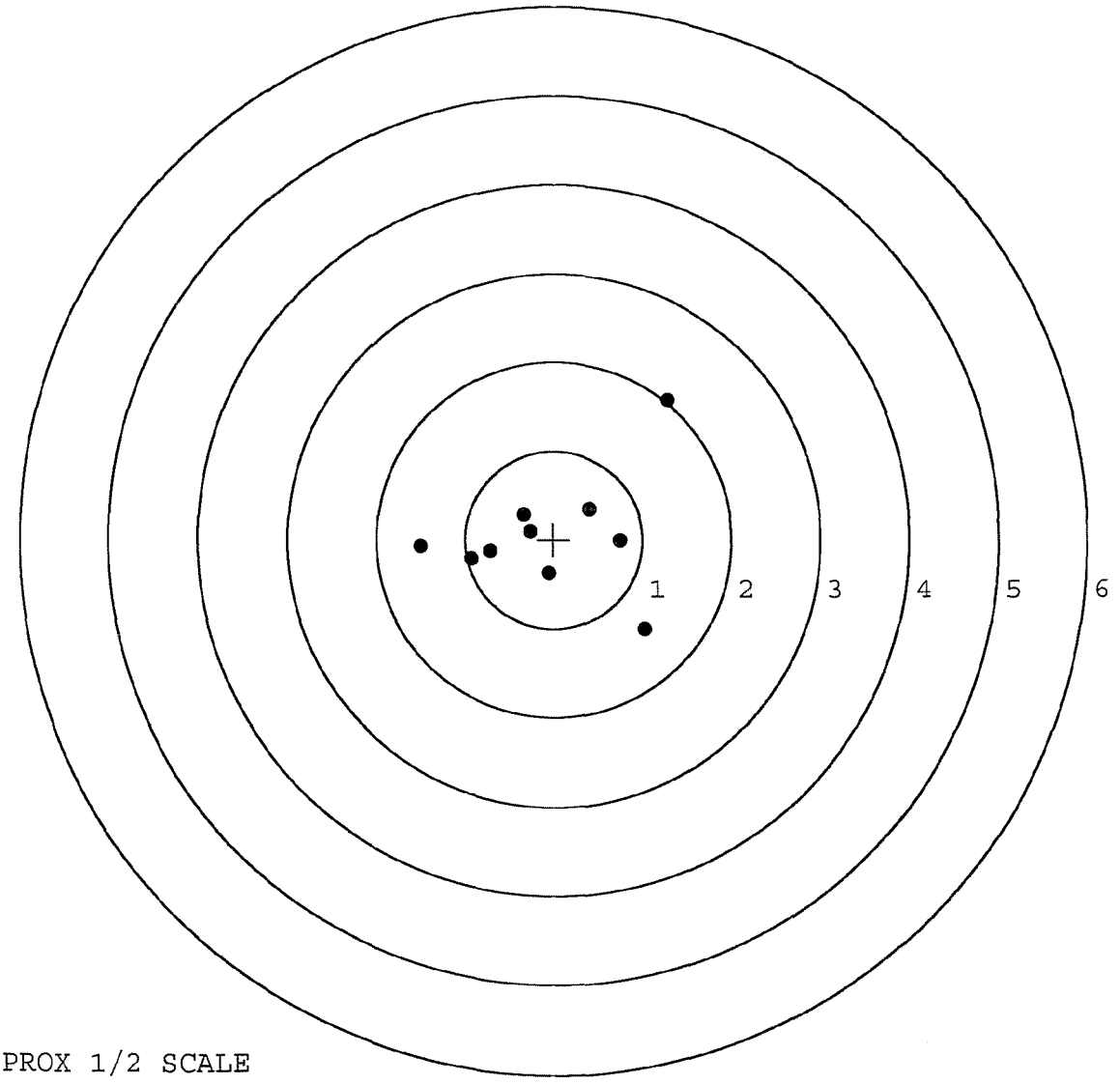


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611659.__0
TARGET NUMBER: 3
FILE DATE: 06/23/2005
FILE TIME: 10:04

X CENTROID:	-0.036
Y CENTROID:	0.045
POA TO CENTROID:	0.058
HORZ SPREAD:	2.783
VERT SPREAD:	2.578
GROUP SPREAD:	3.236
MIN RADIUS:	0.235
MAX RADIUS:	2.013
MEAN RADIUS:	0.900
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.401	0.347
2:	0.750	-0.012
3:	1.030	-1.007
4:	-0.056	-0.385
5:	-0.342	0.283
6:	-0.266	0.092
7:	-0.720	-0.130
8:	-0.929	-0.224
9:	-1.506	-0.081
10:	1.277	1.571

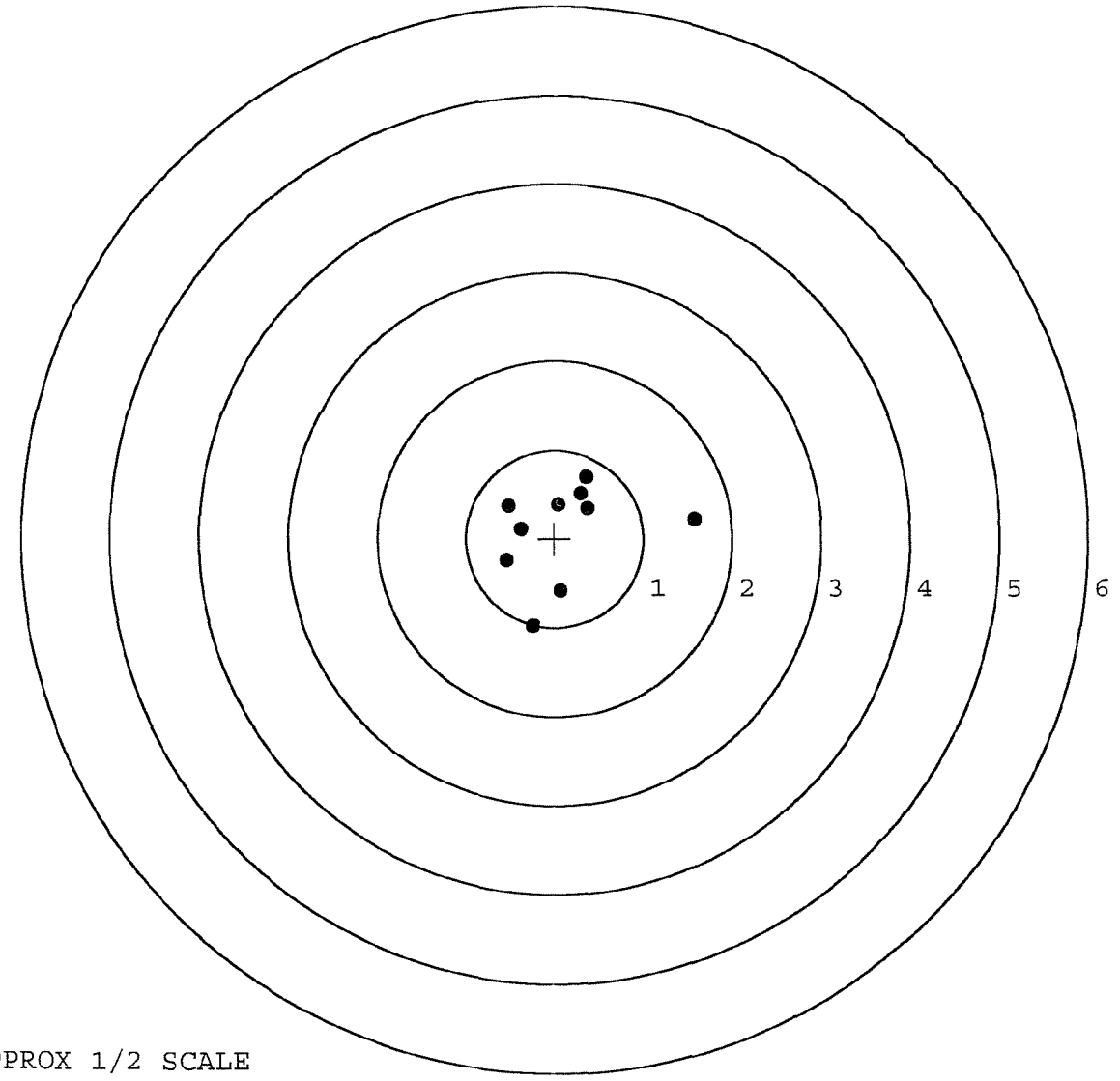


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611659.__0
TARGET NUMBER: 4
FILE DATE: 06/23/2005
FILE TIME: 10:04

X CENTROID:	0.101
Y CENTROID:	0.082
POA TO CENTROID:	0.130
HORZ SPREAD:	2.115
VERT SPREAD:	1.691
GROUP SPREAD:	2.186
MIN RADIUS:	0.310
MAX RADIUS:	1.478
MEAN RADIUS:	0.701
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.355	0.703
2:	0.298	0.512
3:	0.369	0.347
4:	0.038	0.385
5:	-0.524	0.367
6:	-0.378	0.112
7:	-0.544	-0.252
8:	0.068	-0.599
9:	-0.243	-0.988
10:	1.571	0.231

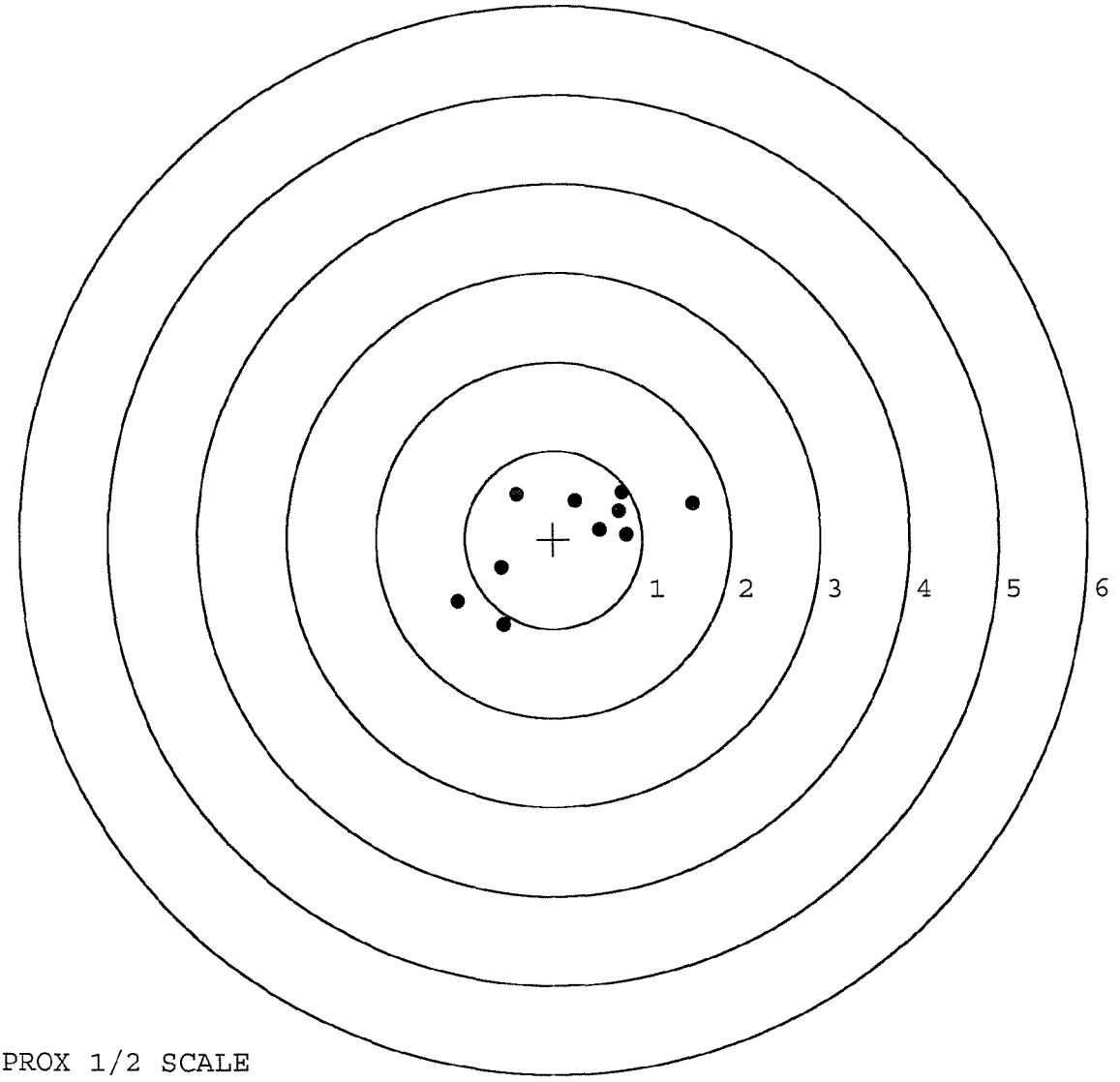


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611659.__0
TARGET NUMBER: 5
FILE DATE: 06/23/2005
FILE TIME: 10:04

X CENTROID:	0.199
Y CENTROID:	0.037
POA TO CENTROID:	0.202
HORZ SPREAD:	2.644
VERT SPREAD:	1.492
GROUP SPREAD:	2.874
MIN RADIUS:	0.334
MAX RADIUS:	1.483
MEAN RADIUS:	0.850
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

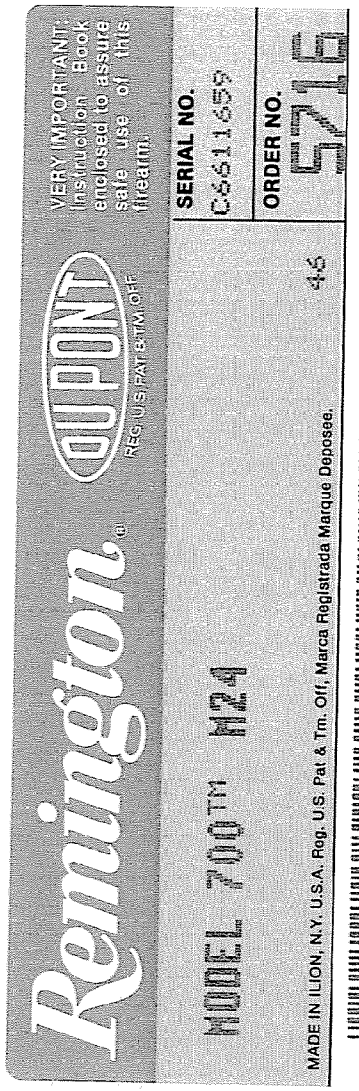
POINT#	X	Y
1:	-0.425	0.503
2:	0.240	0.430
3:	0.762	0.531
4:	0.733	0.320
5:	0.820	0.054
6:	0.524	0.113
7:	1.563	0.413
8:	-0.590	-0.325
9:	-0.555	-0.961
10:	-1.081	-0.713



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	97847		
SERIAL NUMBER	CC661659		
LOG-IN DATE	6-14-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-14-05	RTL
560 A	RE-BARREL	6-16-05	RTL
B	DRILL AND TAP	6-16-05	TRW
575	ASSEMBLE	6-16-05	RTL
600	PROOF	6-16-05	AC
605	CHECK HEADSPACE	6-16-05	AC
610	DIS-ASSEMBLE GUN	6-16-05	RTL
612	MAGNAFLUX	6/16/05	[illegible]
615	ROLLMARK CALIBER	6-16-05	CW
618	ROTO-BLAST	6-17-05	CB
620	APPLY COATINGS	6-21-05	CB
625 A	FINAL ASSEMBLY	6-22-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	7-13-05	AC
D	SAFETY "OFF" FORCE	7-13-05	AC
E	FIRING PIN INDENT	7-13-05	AC
640	TARGET	6-23-05	TRW
655	FINAL INSPECT	7-13-05	AC
660	PACK	8-10-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		


Remington
DUPONT
Reg. U.S. PAT. & TM. OFF.
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700 TH M24
SERIAL NO.
C6611659
ORDER NO.
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6611659


UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611659

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/15/91	KS
600	Proof		1/15/91	KS
607	Check Headspace		1/15/91	KS
610	Dis-assemble Gun		1/15/91	KS
612	Magnaflux Barrel Action		1 16 91	KR
	Magnaflux Bolt		1 18 91	KR
615	Rollmark Caliber		1 13 91	SS
617	Drill and Tap Sight Holes		1 24 91	KB
618	Polish Barrel		1 24 91	KB
620	Apply Coatings (Barrel Action)		2-15-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/8/91	KR
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/8/91	KR
	C) Inspect Ejector Hole for Chamfer		3/8/91	KR
	D) Oil Firing Pin Ass'y		3/8/91	KR
	E) Adjust Trigger Pull to Min Setting and Stake		3/28/91	RH

QUALITY AUDIT

BARBER - M24 0033936

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	5 5 5	4/1/91	
	G) Safety Off Force	3 3 3	4/1/91	
	H) Trigger Pull Test & Retainability		3/28/91	
	I) Firing Pin Indent	.0215 .0225 .0225	4/1/91	
	J) Assemble Stock		4/4/91	KS
	K) Assemble Swivel Studs		4-17-91	
	L) Attach Front and Rear Sight Assemblies		4/4/91	KS
	M) Iron Sight Alignment		4/4/91	KS
	N) Detach Front & Rear Sights & place in numbered container		4/4/91	KS
	O) Attach Scope to Rifle		4/4/91	KS
	P) Detach & Attach Scope 20 Times		4/4/91	KS
640	Gallery Target & Test		4/5/91	
	A) Time		"	
	B) Malfunctions		"	
	C) Pierced Primers		"	
	D) Optical Clearity of Scope		"	
645	Inspect for Live Ammo		4/5/91	
655	Final Inspection A) Headspace		4-17-91	
	B) Trigger Pull	2.27 2.13 2.15 2.18 2.16	4/16/91	
	C) Function		4-17-91	
660	Pack		6-19-91	

5/1/91 Inspected by

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6611659

DATE 3/28/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.21	2.23	2.42	2.27	MIN. SETTING,
PULL #2	2.47	2.13	2.24	2.13	NO AVG. OF 5
PULL #3	2.41	2.19	2.42	2.15	READINGS ACCEPT-
PULL #4	2.37	2.15	2.46	2.18	ABLE LESS THAN 2#
PULL #5	2.34	2.21	2.29	2.16	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.18		
PULL #2	3.51	3.19		
PULL #3	3.26	3.40		
PULL #4	3.19	3.46		
PULL #5	3.17	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.24		4.26
PULL #2	4.14	4.31		4.42
PULL #3	4.31	4.23		4.39
PULL #4	4.21	4.17		4.39
PULL #5	4.30	4.27		4.45
TOTAL				
AVG.				

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611659
23 May 1991

CENTROIDAL DISTANCES

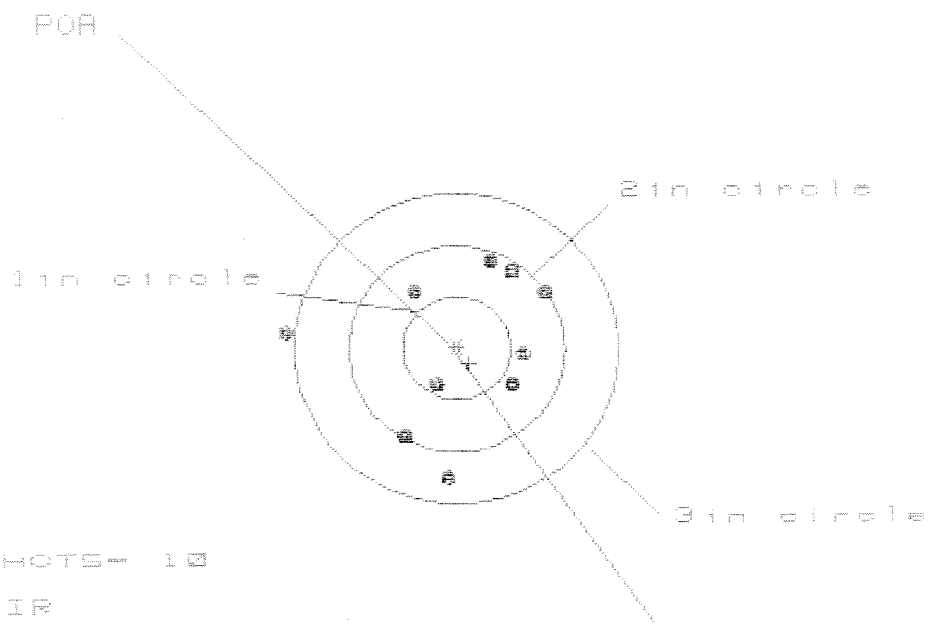
0	TO	1	.186815
1	TO	2	.664959
1	TO	3	.35228
1	TO	4	.29277
1	TO	5	.137463

[illegible] X-COORDINATE FOR THIS RIFLE IS: .1632
[illegible] Y-COORDINATE FOR THIS RIFLE IS: .0712
[illegible] AVERAGE POI RADIUS FOR THIS RIFLE IS: .177139

[illegible] THIS RIFLE IS: 1.001

28 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/CEB11039.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

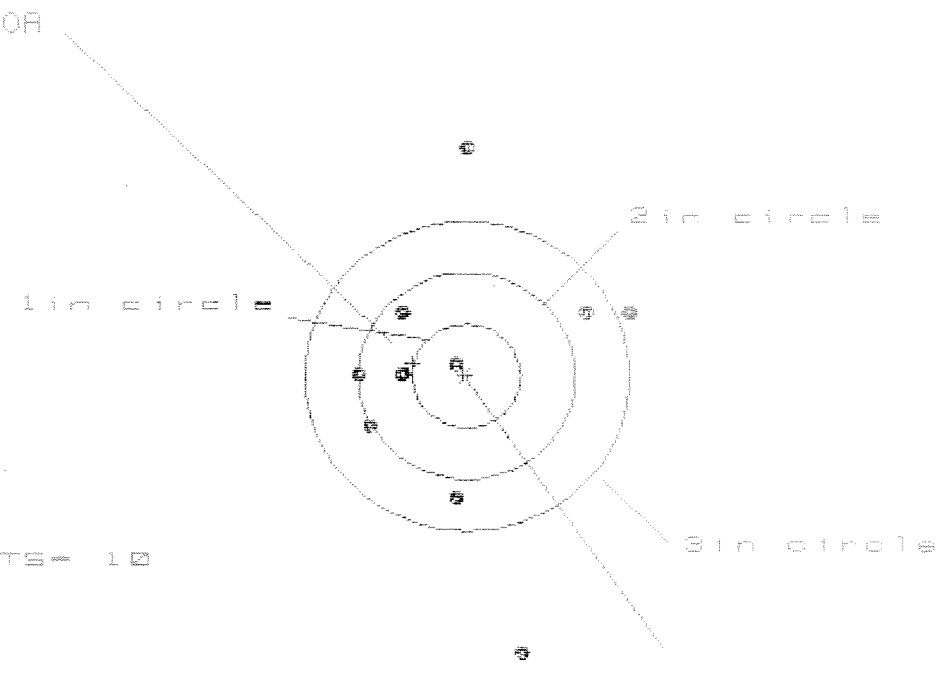
# IN CIR
1in = 1
2in = 7
3in = 9

SD= 2.373
SD= 2.144
SD= 2.417

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.815	.642	.604
MINIMUM X	:	-1.558	-.703	-.741
MAXIMUM Y	:	.894	.905	.750
MINIMUM Y	:	-1.251	-1.239	-1.024
CENTROID X	:	-.114	.059	.097
CENTROID Y	:	.148	.137	.292
POA TO CENTROID in.	:	.187	.149	.307
MIN RADIUS	:	.402	.427	.420
MEAN RADIUS	:	.898	.798	.721
MAX RADIUS	:	1.562	1.276	1.264
HORIZONTAL SPREAD	:	2.373	1.345	1.345
VERTICAL SPREAD	:	2.144	2.144	1.774
EXTREME SPREAD	:	2.417	2.188	1.975
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

23 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C66111659.1

CENTERFIRE PATTERNS # 2

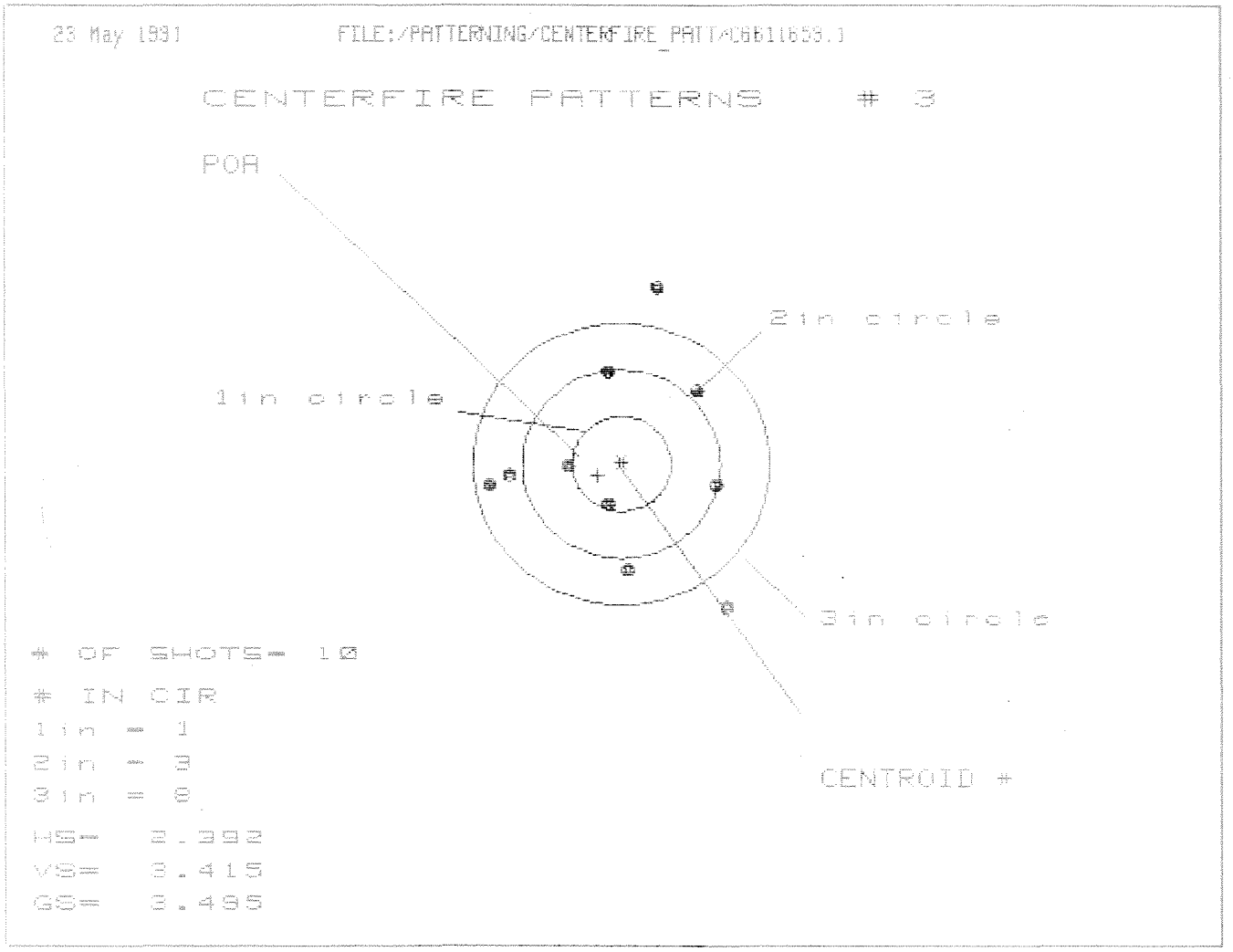


OF SHOTS= 10

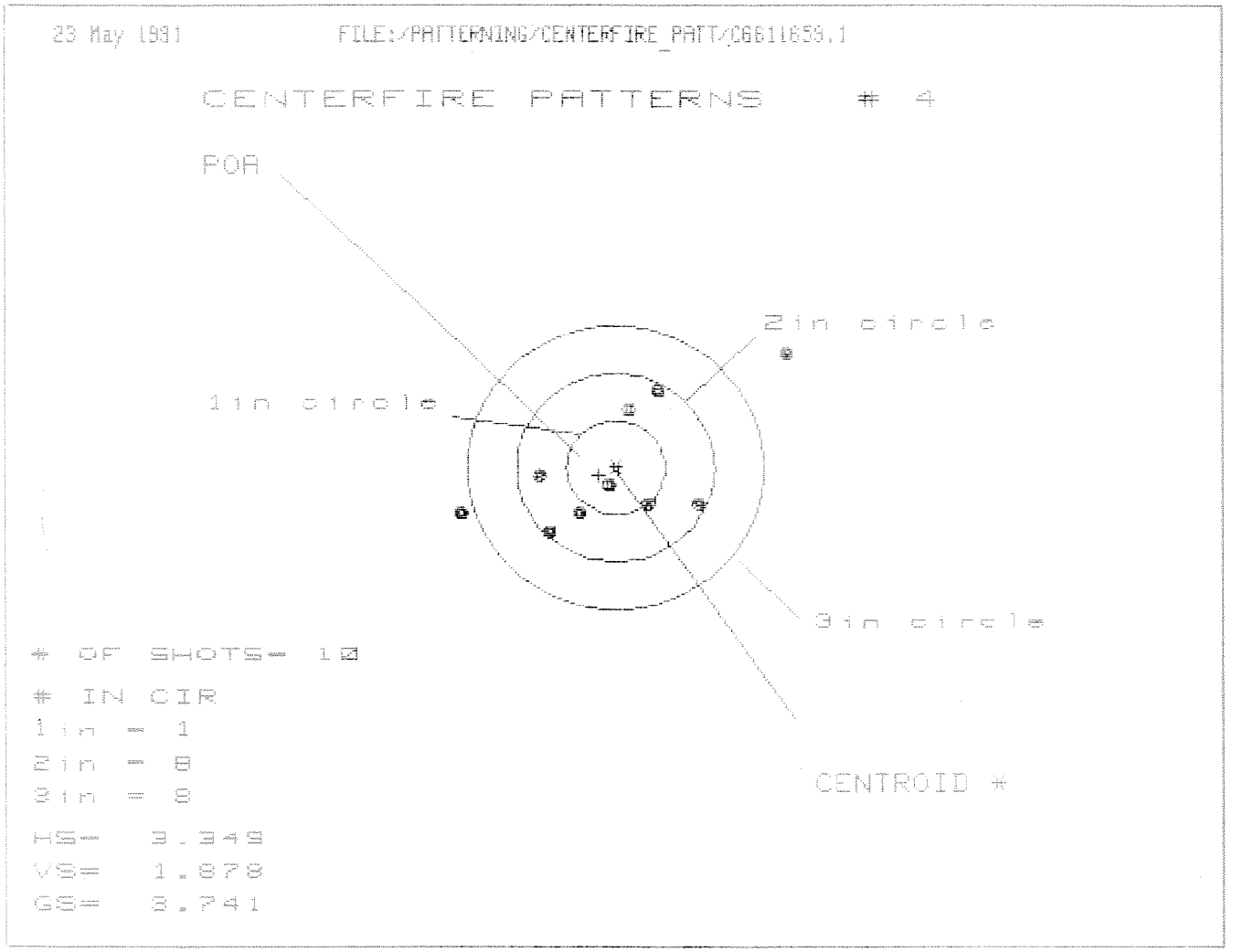
# IN CIR
1in = 1
2in = 4
3in = 7

HS= 2.408
VS= 4.834
GS= 4.858

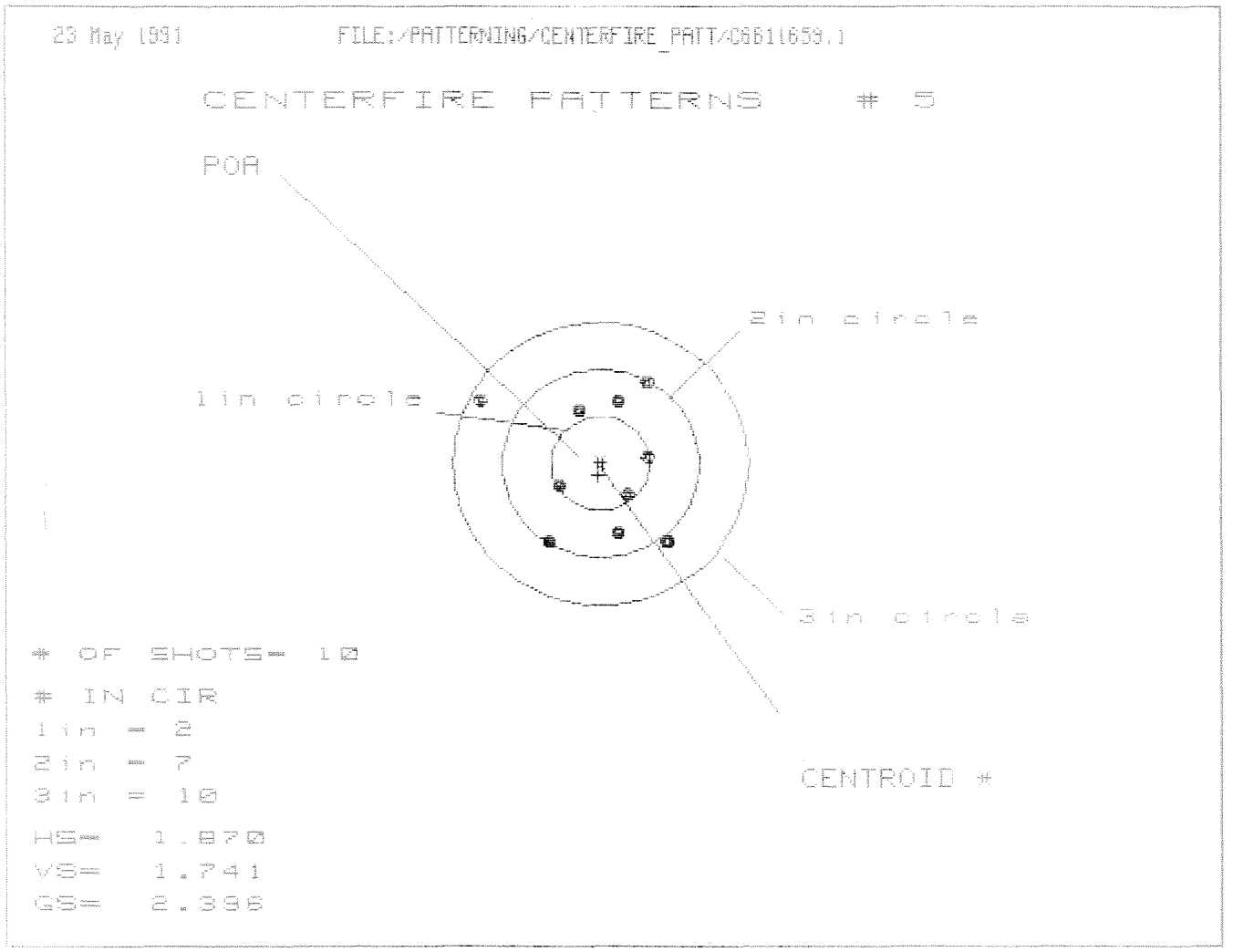
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.463	1.519	1.528
MINIMUM X	:	-.945	-.889	-.880
MAXIMUM Y	:	2.178	1.882	.607
MINIMUM Y	:	-2.656	-1.445	-1.209
CENTROID X	:	.495	.439	.430
CENTROID Y	:	-.119	.177	-.059
POA TO CENTROID in.	:	.509	.473	.434
MIN RADIUS	:	.165	.138	.099
MEAN RADIUS	:	1.246	1.055	.924
MAX RADIUS	:	2.704	1.884	1.625
HORIZONTAL SPREAD	:	2.408	2.408	2.408
VERTICAL SPREAD	:	4.834	3.327	1.816
EXTREME SPREAD	:	4.858	3.328	2.601
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.071	1.108	1.160
MINIMUM X	:	-1.321	-1.284	-1.146
MAXIMUM Y	:	1.927	1.194	1.035
MINIMUM Y	:	-1.488	-1.274	-1.098
CENTROID X	:	.287	.200	.062
CENTROID Y	:	.118	-.096	.063
POA TO CENTROID in.	:	.264	.222	.088
MIN RADIUS	:	.433	.218	.329
MEAN RADIUS	:	1.144	1.025	.924
MAX RADIUS	:	1.955	1.688	1.230
HORIZONTAL SPREAD	:	2.392	2.392	2.306
VERTICAL SPREAD	:	3.415	2.468	2.133
EXTREME SPREAD	:	3.495	2.756	2.306
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.735	1.064	.887
MINIMUM X	:	-1.614	-1.421	-.783
MAXIMUM Y	:	1.198	.925	.883
MINIMUM Y	:	-.680	-.547	-.589
CENTROID X	:	.171	-.022	.155
CENTROID Y	:	.081	-.052	-.010
POA TO CENTROID in.	:	.189	.057	.156
MIN RADIUS	:	.160	.106	.084
MEAN RADIUS	:	.928	.764	.669
MAX RADIUS	:	2.109	1.460	1.007
HORIZONTAL SPREAD	:	3.349	2.485	1.670
VERTICAL SPREAD	:	1.878	1.472	1.472
EXTREME SPREAD	:	3.741	2.488	1.847
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.673	.540	.435
MINIMUM X	:	-1.197	-.670	-.603
MAXIMUM Y	:	.882	.953	.854
MINIMUM Y	:	-.859	-.788	-.860
CENTROID X	:	.022	.155	.088
CENTROID Y	:	.128	.057	.156
POA TO CENTROID in.	:	.130	.165	.179
MIN RADIUS	:	.427	.285	.404
MEAN RADIUS	:	.790	.709	.677
MAX RADIUS	:	1.357	1.019	1.050
HORIZONTAL SPREAD	:	1.870	1.210	1.038
VERTICAL SPREAD	:	1.741	1.741	1.714
EXTREME SPREAD	:	2.396	2.001	2.001
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

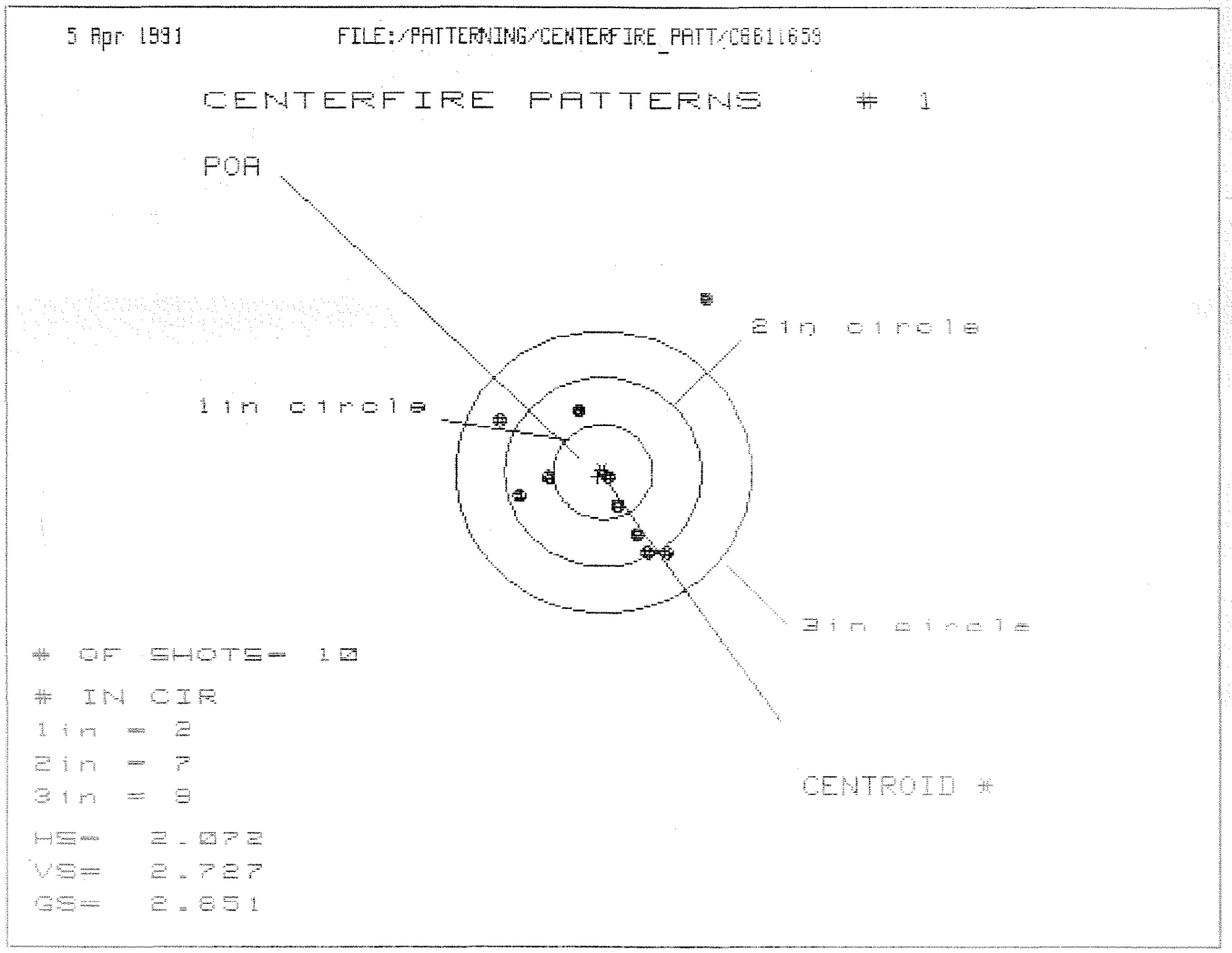
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611659
6 Apr 1991

CENTROIDAL DISTANCES

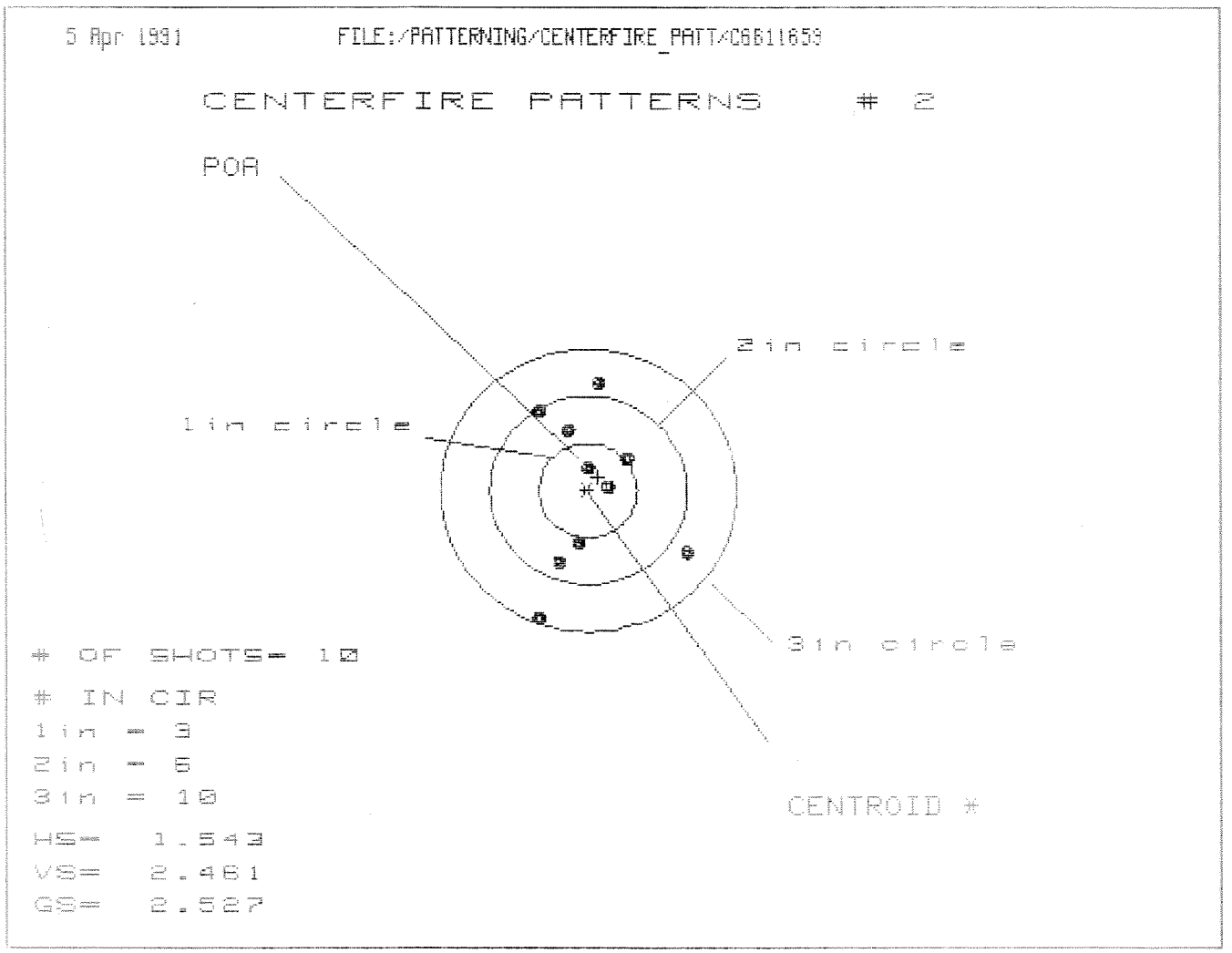
0	TO	1	.0721388
1	TO	2	.246455
1	TO	3	.0174642
1	TO	4	.201457
1	TO	5	.155293

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0184
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0668
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0692878

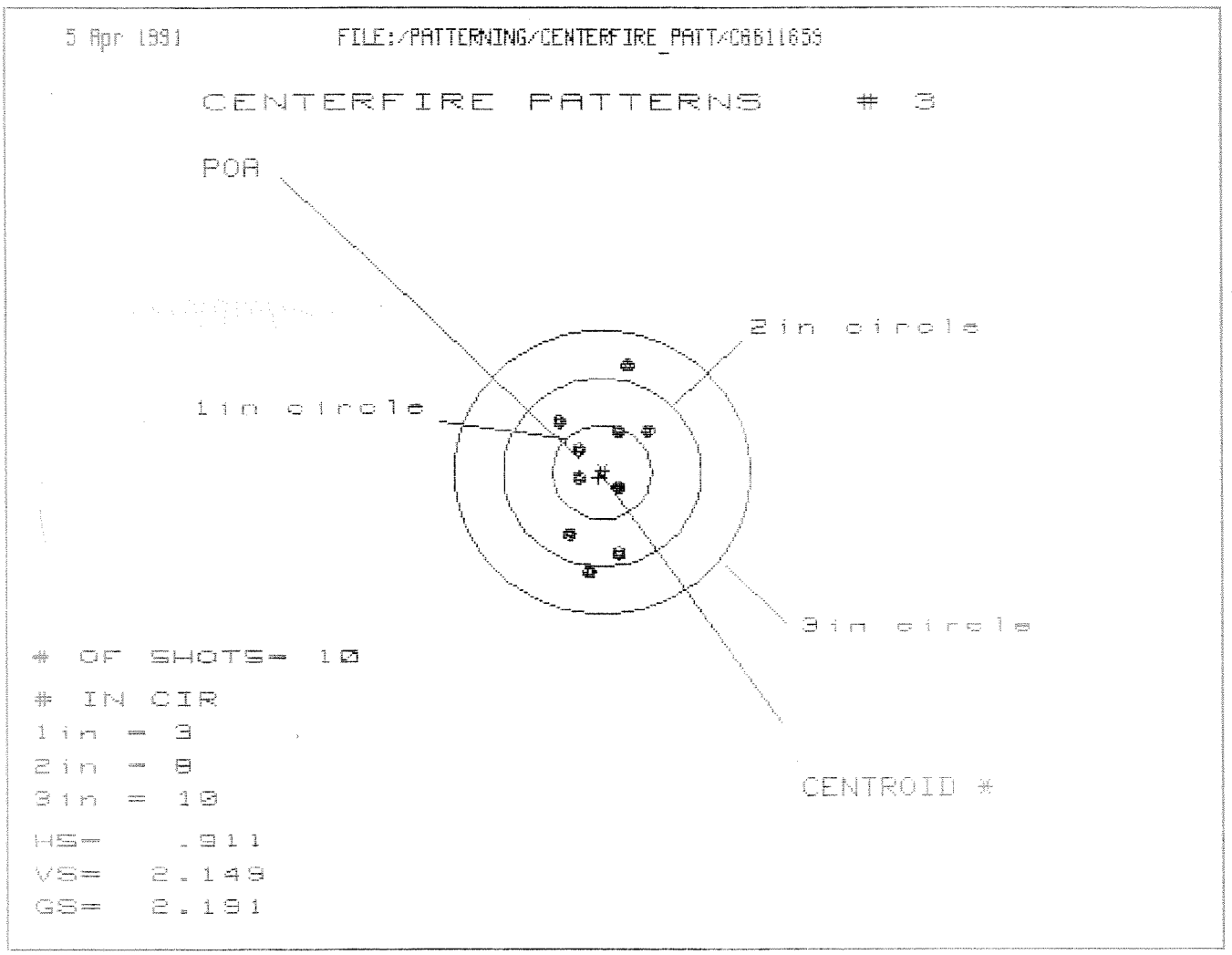
THE AMR FOR THIS RIFLE IS: .793



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.057	.790	.678
MINIMUM X	:	-1.015	-.898	-.847
MAXIMUM Y	:	1.864	.815	.911
MINIMUM Y	:	-.863	-.656	-.560
CENTROID X	:	.052	-.065	.047
CENTROID Y	:	.050	-.157	-.253
POA TO CENTROID in.	:	.072	.170	.257
MIN RADIUS	:	.091	.182	.167
MEAN RADIUS	:	.860	.685	.601
MAX RADIUS	:	2.143	1.180	.948
HORIZONTAL SPREAD	:	2.072	1.688	1.525
VERTICAL SPREAD	:	2.727	1.471	1.471
EXTREME SPREAD	:	2.851	2.207	1.745
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



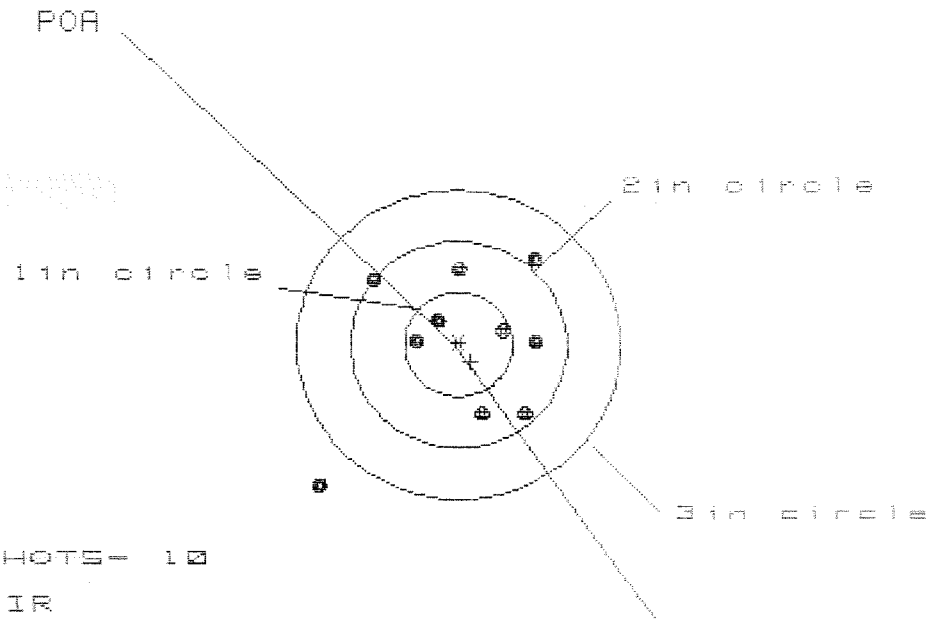
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.023	.965	.435
MINIMUM X	:	-.520	-.551	-.430
MAXIMUM Y	:	1.134	.986	.883
MINIMUM Y	:	-1.327	-.879	-.982
CENTROID X	:	-.100	-.042	-.162
CENTROID Y	:	-.144	.004	.107
POA TO CENTROID in.	:	.175	.042	.195
MIN RADIUS	:	.167	.106	.074
MEAN RADIUS	:	.771	.667	.587
MAX RADIUS	:	1.425	1.272	1.016
HORIZONTAL SPREAD	:	1.543	1.516	.866
VERTICAL SPREAD	:	2.461	1.865	1.865
EXTREME SPREAD	:	2.527	2.182	1.903
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.491	.526	.516
MINIMUM X	:	-.420	-.385	-.395
MAXIMUM Y	:	1.095	.636	.519
MINIMUM Y	:	-1.054	-.933	-.807
CENTROID X	:	.036	.001	.011
CENTROID Y	:	.057	-.064	.052
POA TO CENTROID in.	:	.068	.064	.054
MIN RADIUS	:	.187	.163	.176
MEAN RADIUS	:	.633	.577	.515
MAX RADIUS	:	1.138	.936	.834
HORIZONTAL SPREAD	:	.911	.911	.911
VERTICAL SPREAD	:	2.149	1.569	1.327
EXTREME SPREAD	:	2.191	1.598	1.458
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

5 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C8811659

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

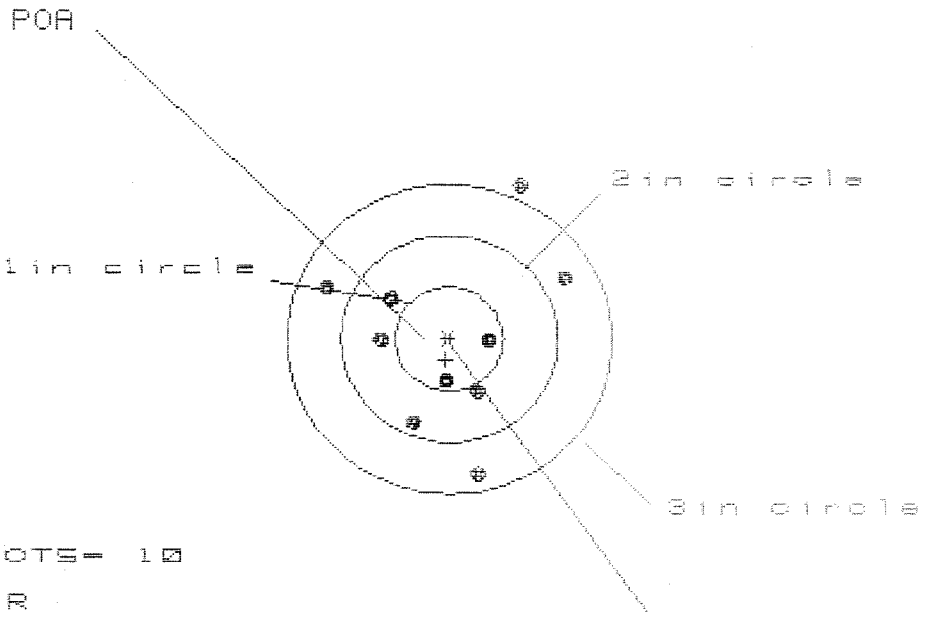
# IN CIR
1in = 3
2in = 7
3in = 9

HS= 2.012
VS= 2.150
GS= 2.945

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.702	.556	.623
MINIMUM X	:	-1.310	-.888	-.818
MAXIMUM Y	:	.819	.671	.638
MINIMUM Y	:	-1.331	-.819	-.735
CENTROID X	:	-.112	.034	-.036
CENTROID Y	:	.167	.315	.231
POA TO CENTROID in.	:	.201	.316	.234
MIN RADIUS	:	.311	.260	.304
MEAN RADIUS	:	.805	.655	.627
MAX RADIUS	:	1.868	1.035	1.024
HORIZONTAL SPREAD	:	2.012	1.444	1.441
VERTICAL SPREAD	:	2.150	1.490	1.373
EXTREME SPREAD	:	2.945	1.878	1.870
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811639

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 2
2in = 6
3in = 9

HS= 2.277
VS= 2.858
GS= 2.876

PATTERN # : 5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.097	1.167	1.215
MINIMUM X	-1.180	-1.110	-1.062
MAXIMUM Y	1.538	.782	.638
MINIMUM Y	-1.320	-1.149	-.744
CENTROID X	.032	-.038	-.086
CENTROID Y	.204	.033	.176
POA TO CENTROID in.	.206	.050	.196
MIN RADIUS	.383	.210	.359
MEAN RADIUS	.896	.775	.730
MAX RADIUS	1.663	1.405	1.372
HORIZONTAL SPREAD	2.277	2.277	2.277
VERTICAL SPREAD	2.858	1.931	1.383
EXTREME SPREAD	2.876	2.313	2.283

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 9