G 623 6/95
Replaces
C.652 3329

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: RE00129311
Verify Repair | High Priority

Serial: C6236195 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/20/1988

Repairman:
Status: New 5/16/2007 9:50:48 AM

Address Information

Customer:	Received From	Return To:	Received From
Name: 91 SSPTS / ARMORY		91 SSPTS / ARMORY	
Address 1: 311 BOMBER BLVD		311 BOMBER BLVD	
Address 2:	PO Box:		PO Box:
City: MINOT AFB		MINOT AFB	
State: ND Zip Code: 58705	Country: US	State: ND Zip Code: 58705	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
A007	With Stud	3
A010	Hard Case	1
A026	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search | Refresh | Close

nagletj | 5/16/2007 | 9:59 AM | CAPS | NUM | INS | SCRL

Start | 1 Micros... | 2 Micros... | 3 Intern... | Part Searc... | Arms Servi... | 9:59 AM

Serial Number: G6236195

Model: M24 SWS

RE00129311

5/16

12-9-02

SHIPPING CONTAINER TALLY ——— 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

REQUISITION AND INVOICE/SHIPPING DOCUMENT

OMB No. 0704-0246
OMB approval expires Apr 30, 2009

PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ORGANIZATION. RETURN COMPLETED FORM TO THE ADDRESS IN ITEM 2.

1. FROM: (Include ZIP Code)	SHEET NO.	NO. OF SHEETS	5. REQUISITION DATE	6. REQUISITION NUMBER
91 SSPTS / Armory 311 Bomber Blvd Minot AFB, ND 58705	1	1		FB4529 7123X003 XXX
	7. DATE MATERIAL REQUIRED (YYYYMMDD): 20070510			8. PRIORITY
2. TO: (Include ZIP Code) XR Remington Arms Company Inc 14 Hoelflger Ave, Ilion NY. 13357-1816	9. AUTHORITY OR PURPOSE: Per Item Manager for repair of equipment			
	10. SIGNATURE			11a. VOUCHER NUMBER & DATE (YYYYMMDD): TSgt Cliff Gardner 20070503
3. SHIP TO - MARK FOR DODACC: CMA0DC XR Remington Arms Company Inc 14 Hoelflger Ave, Ilion NY. 13357-1816	12. DATE SHIPPED (YYYYMMDD)			b.
	13. MODE OF SHIPMENT			14. BILL OF LADING NUMBER
	15. AIR MOVEMENT DESIGNATOR OR PORT REFERENCE NO.			

4. APPROPRIATIONS DATA — AMOUNT

5773400 307 83M4 23436X 010000 46200 112113F 667100

ITEM NO. (a)	FEDERAL STOCK NUMBER, DESCRIPTION, AND CODING OF MATERIEL AND/OR SERVICES (b)	UNIT OF ISSUE (c)	QUANTITY REQUESTED (d)	SUPPLY ACTION (e)	TYPE CONTAINER (f)	CONTAINER NOS. (g)	UNIT PRICE (h)	TOTAL COST (i)
1	NSN: 1005012402136GG M24 Sniper Rifle, serial number G6236195	EA	1				6,000.00	6,000.00
2								0.00
3								0.00
								0.00
	I certify this shipment contains no hazardous materials, ozone depleting compounds or classified material.. CDG							0.00

16. TRANSPORTATION VIA AMC OR MSC CHARGEABLE TO — 17. SPECIAL HANDLING

18. RECAPITULATION OF SHIPMENT	ISSUED BY	TOTAL CONTAINERS	TYPE CONTAINER	DESCRIPTION	TOTAL WEIGHT	TOTAL CUBE
	CDG		1			
	CHECKED BY 7123 TD					
	PACKED BY					
				← TOTAL →		

19. RECEIPT				
	CONTAINERS RECEIVED EXCEPT AS NOTED	DATE (YYYYMMDD)	BY	SHEET TOTAL: 6,000.00
	QUANTITIES RECEIVED EXCEPT AS NOTED	DATE (YYYYMMDD)	BY	GRAND TOTAL
	POSTED	DATE (YYYYMMDD)	BY	20. RECEIVER'S VOUCHER NO.

DD FORM 1149, JUL 2006 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

PREVIOUS EDITION IS OBSOLETE.

Adobe Designer 7.0

AVERAGE PULL FORCE BETWEEN 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 5-18-07

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.37	2.12		2.43	
PULL #2	2.27	2.22		2.35	
PULL #3	2.43	2.18		2.50	
PULL #4	2.43	2.17		2.50	
PULL #5	2.45	2.19		2.50	
TOTAL	11.95	10.88		12.28	
AVERAGE	2.39	2.17		2.45	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.22		
PULL #2	3.41	3.21		
PULL #3	3.57	3.20		
PULL #4	3.23	3.28		
PULL #5	3.29	3.25		
TOTAL	16.73	16.16		
AVERAGE	3.34	3.23		

	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	4.26	4.11		4.22
PULL #2	4.06	4.10		4.18
PULL #3	4.24	4.06		4.10
PULL #4	4.23	4.09		4.13
PULL #5	4.24	4.11		4.12
TOTAL	21.03	20.47		20.75
AVERAGE	4.20	4.09		4.15

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

R & E NUMBER 129811

SERIAL NUMBER G623b195

LOG-IN DATE 5-16-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-21-07	RTL
505	RE-BARREL		5-22-07	RTL
560	ASSEMBLE		5-23-07	RTL
600	PROOF		5-25-07	TRW
605	CHECK HEADSPACE		5-25-07	TRW
610	DIS-ASSEMBLE GUN		5/29/07	RTL
612	MAGNAFLUX	OPERATOR imms	5/29/07	imms
510	DRILL AND TAP		5-29-07	TRW
615	ROLLMARK CALIBER		5-29-07	CW
618	ROTO-BLAST		5-29-07	LB
620	APPLY COATINGS		5/30/07	WJ
625	FINAL ASSEMBLY		6-1-07	RTL
640	FUNCTION TEST AND	(PASS) FAIL		
650	TARGET	(PASS) FAIL	6-4-07	TRW
	MALFUNCTION OH	CORRECTION OK	6-5-07	TRW
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION	6-4-07	FM
670	FINAL INSPECTION		6-5-07	RM
	A) HEADSPACE	PASS FAIL	6-5-07	DA
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.64 2.72 2.53 2.53 2.58	6507	DA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5.0 5.0 5.0	6507	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	3.0 3.0 3.0	6507	DA
	I) FIRING PIN INDENT (.020)	.025 .024 .024	6507	DA
690	PACK		6-5-07	DA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236195.__0
FILE DATE AND TIME: 06/04/2007 15:04

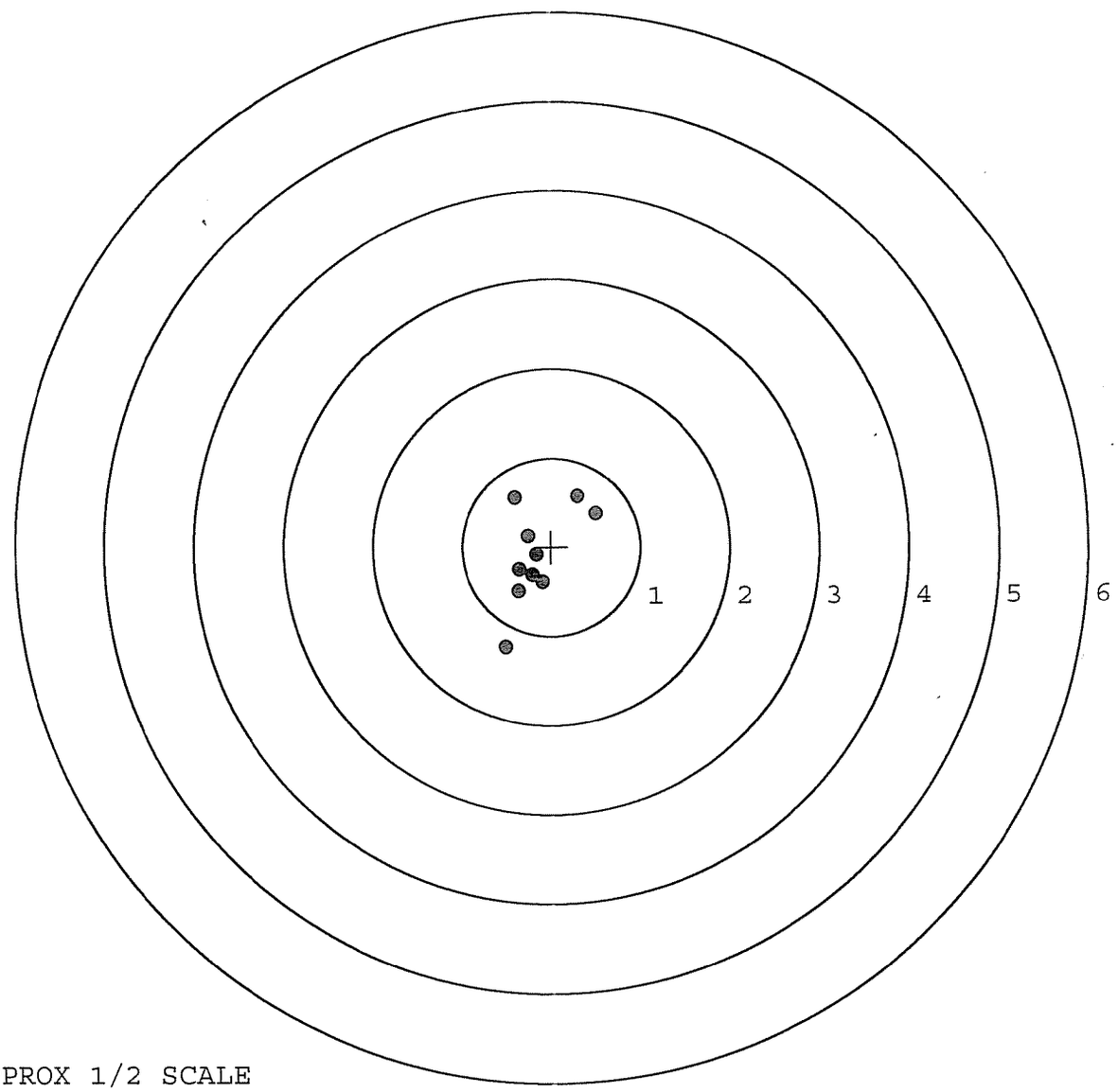
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.033
The Average Y Centroid of the Five Target Set:	-0.057
The Average Point of Impact of the Five Target Set:	0.066
The Average Mean Radius of the Five Target Set:	0.666
The Distance from POA to Centroid Target #1:	0.192
The Distance from Centroid Target #2 to Centroid Target #1:	0.149
The Distance from Centroid Target #3 to Centroid Target #1:	0.233
The Distance from Centroid Target #4 to Centroid Target #1:	0.151
The Distance from Centroid Target #5 to Centroid Target #1:	0.176

SERIAL NUMBER: G6236195.__0
TARGET NUMBER: 1
FILE DATE: 06/04/2007
FILE TIME: 15:04

X CENTROID:	-0.161
Y CENTROID:	-0.105
POA TO CENTROID:	0.192
HORZ SPREAD:	1.021
VERT SPREAD:	1.692
GROUP SPREAD:	1.879
MIN RADIUS:	0.019
MAX RADIUS:	1.077
MEAN RADIUS:	0.492
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.503	0.379
2:	0.299	0.571
3:	-0.409	0.559
4:	-0.263	0.126
5:	-0.518	-1.121
6:	-0.102	-0.399
7:	-0.373	-0.499
8:	-0.361	-0.257
9:	-0.168	-0.087
10:	-0.216	-0.319

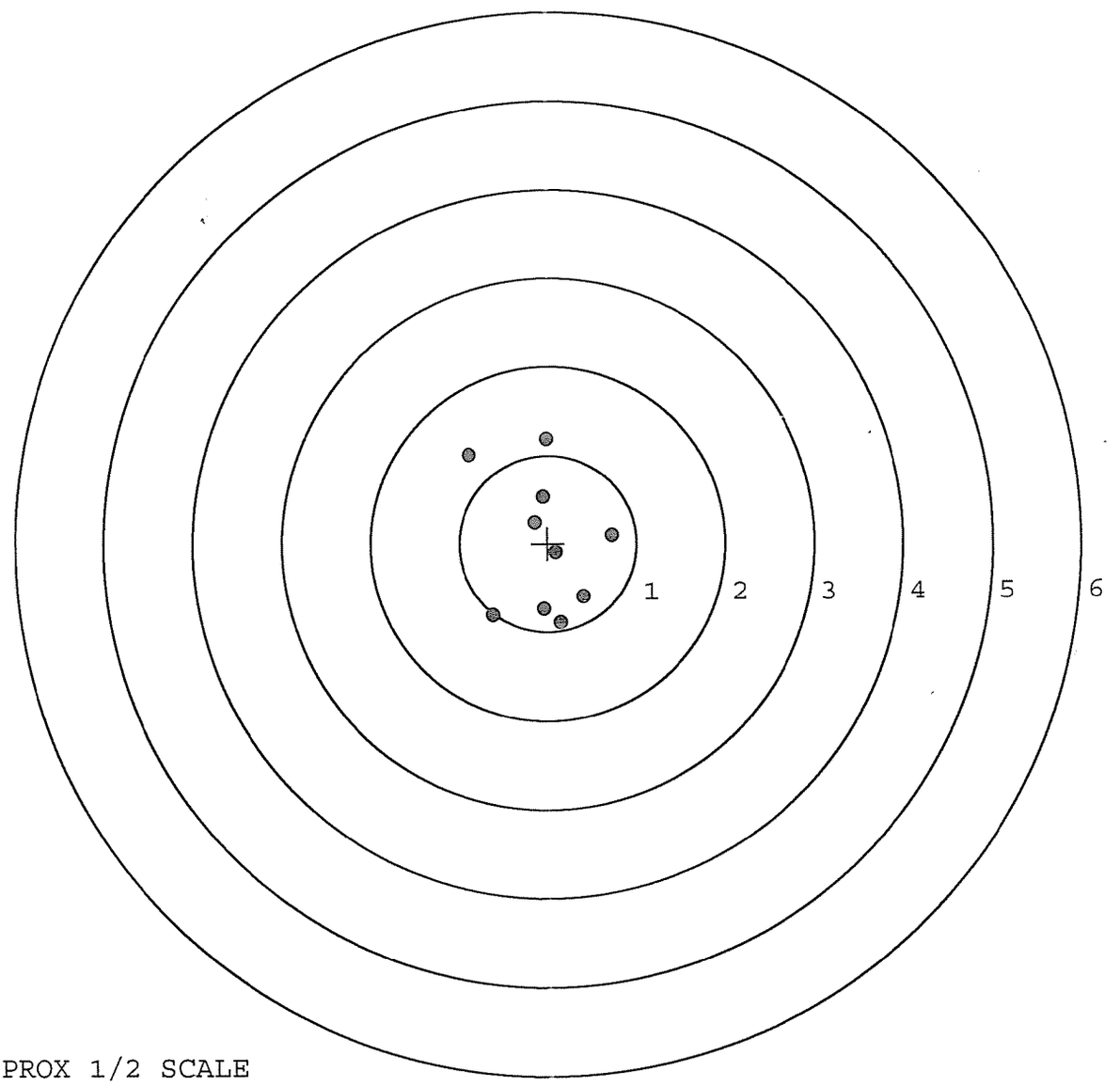


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236195.__0
TARGET NUMBER: 2
FILE DATE: 06/04/2007
FILE TIME: 15:04

X CENTROID:	-0.043
Y CENTROID:	-0.014
POA TO CENTROID:	0.045
HORZ SPREAD:	1.615
VERT SPREAD:	2.089
GROUP SPREAD:	2.175
MIN RADIUS:	0.158
MAX RADIUS:	1.329
MEAN RADIUS:	0.766
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.626	-0.817
2:	-0.050	-0.748
3:	0.144	-0.904
4:	0.406	-0.613
5:	0.725	0.089
6:	0.087	-0.104
7:	-0.152	0.235
8:	-0.058	0.529
9:	-0.017	1.185
10:	-0.890	1.010

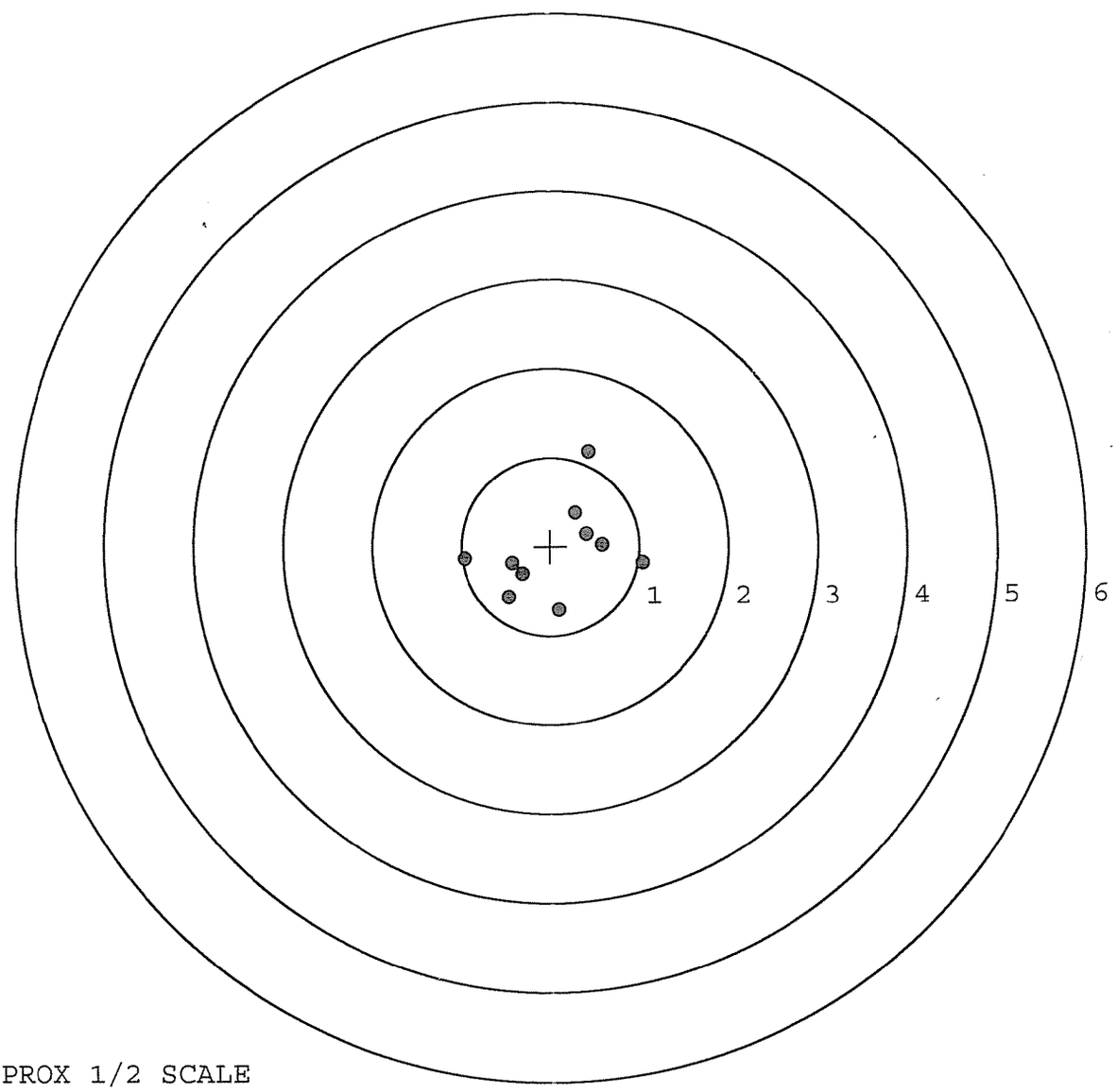


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236195.__0
TARGET NUMBER: 3
FILE DATE: 06/04/2007
FILE TIME: 15:04

X CENTROID:	0.066
Y CENTROID:	-0.052
POA TO CENTROID:	0.084
HORZ SPREAD:	2.002
VERT SPREAD:	1.780
GROUP SPREAD:	1.869
MIN RADIUS:	0.391
MAX RADIUS:	1.178
MEAN RADIUS:	0.697
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.037	-0.190
2:	0.583	0.016
3:	0.408	0.137
4:	0.282	0.374
5:	0.438	1.066
6:	0.099	-0.714
7:	-0.472	-0.567
8:	-0.318	-0.312
9:	-0.431	-0.189
10:	-0.965	-0.138

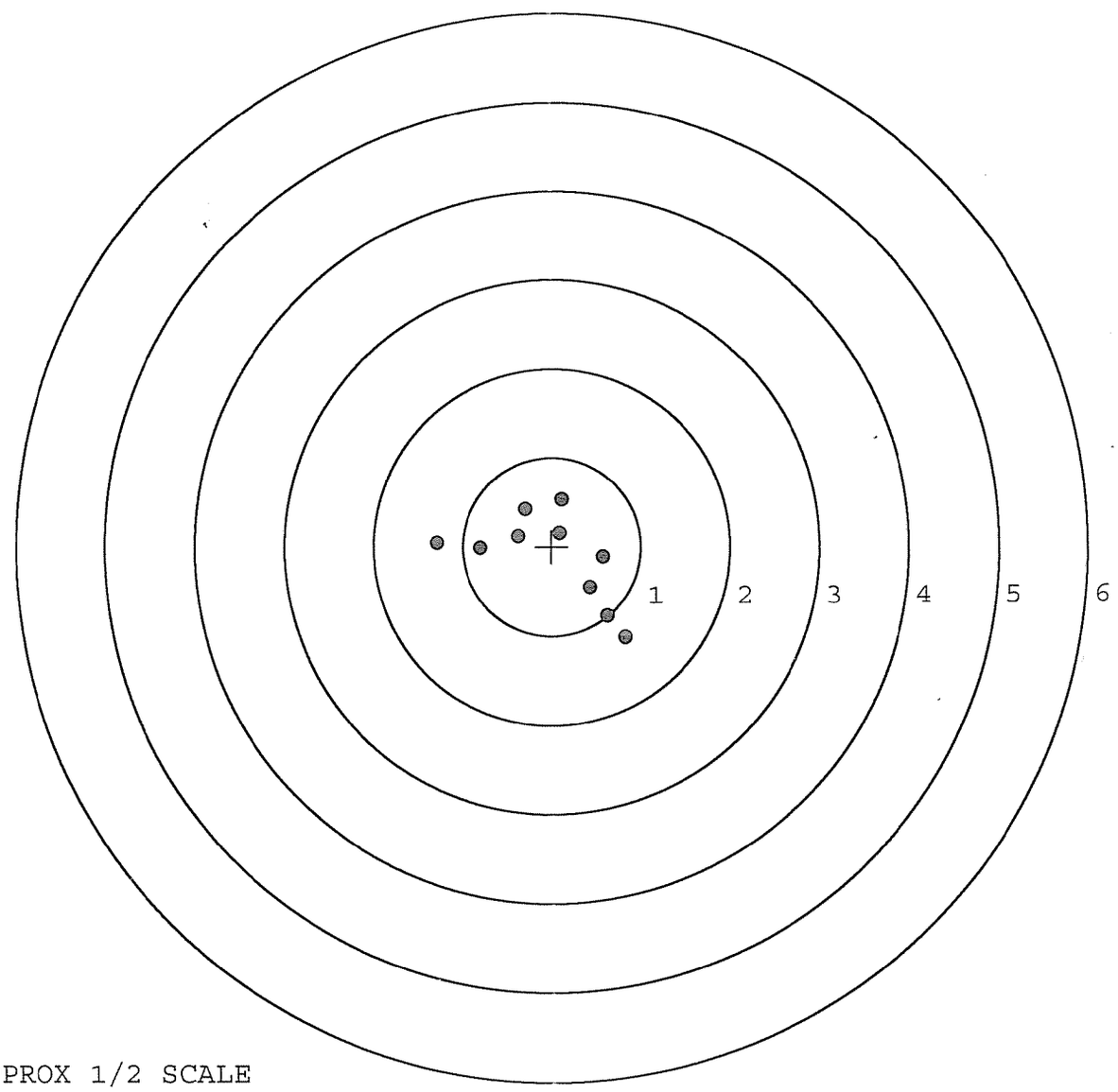


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236195.__0
TARGET NUMBER: 4
FILE DATE: 06/04/2007
FILE TIME: 15:04

X CENTROID:	-0.010
Y CENTROID:	-0.115
POA TO CENTROID:	0.115
HORZ SPREAD:	2.117
VERT SPREAD:	1.553
GROUP SPREAD:	2.373
MIN RADIUS:	0.281
MAX RADIUS:	1.293
MEAN RADIUS:	0.738
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.824	-1.022
2:	0.622	-0.786
3:	0.433	-0.465
4:	0.579	-0.121
5:	0.115	0.531
6:	0.093	0.147
7:	-0.298	0.423
8:	-0.374	0.116
9:	-0.803	-0.020
10:	-1.293	0.051

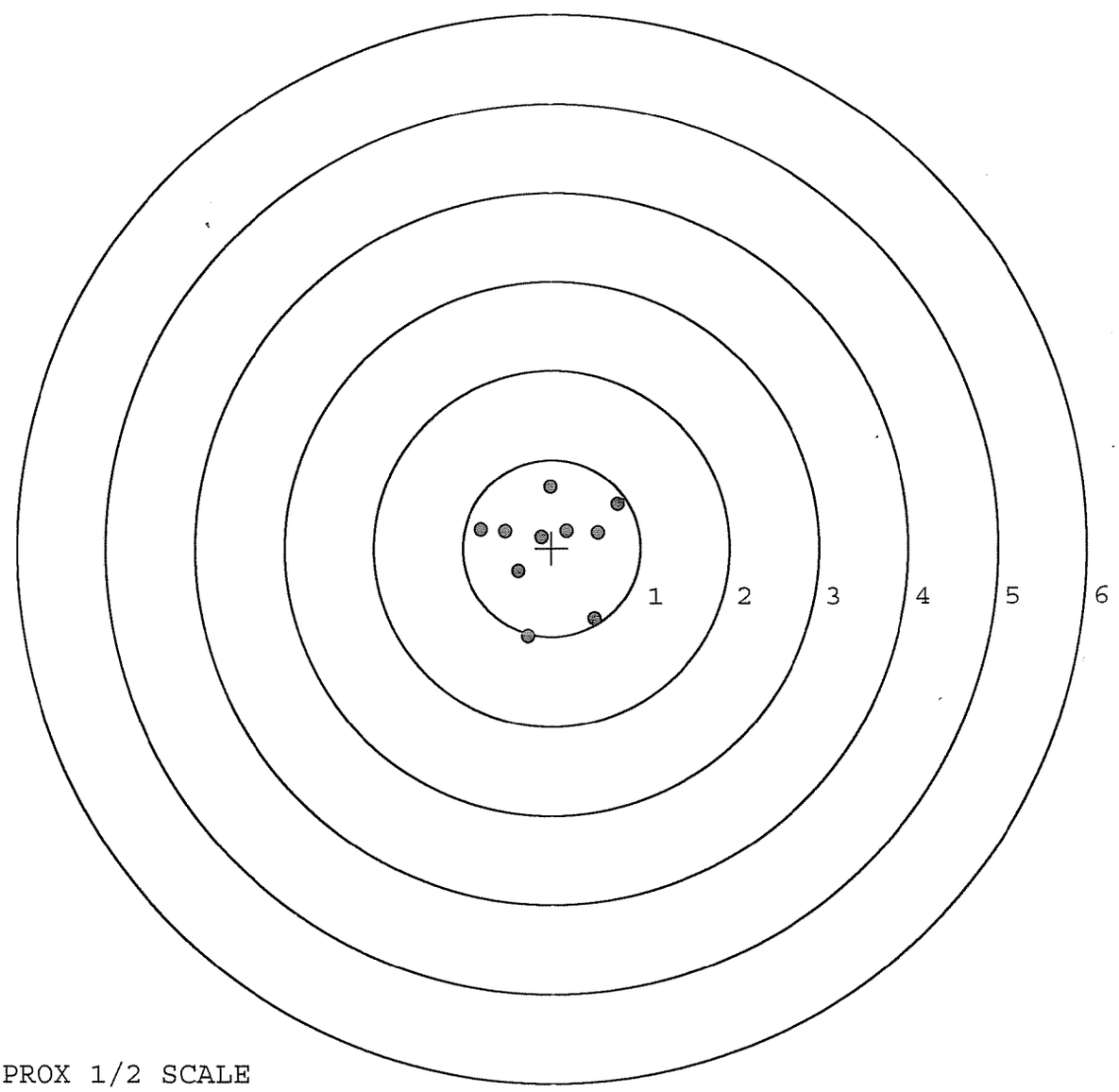


TARGET APPROX 1/2 SCALE

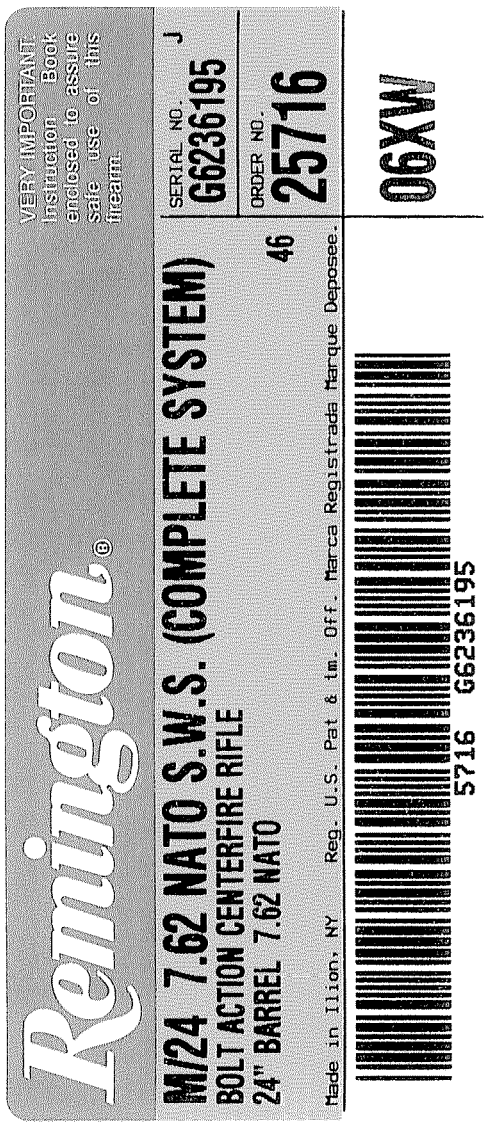
SERIAL NUMBER: G6236195.__0
TARGET NUMBER: 5
FILE DATE: 06/04/2007
FILE TIME: 15:04

X CENTROID:	-0.018
Y CENTROID:	-0.002
POA TO CENTROID:	0.018
HORZ SPREAD:	1.538
VERT SPREAD:	1.696
GROUP SPREAD:	1.804
MIN RADIUS:	0.161
MAX RADIUS:	1.035
MEAN RADIUS:	0.637
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.481	-0.807
2:	-0.269	-1.006
3:	-0.379	-0.263
4:	-0.794	0.212
5:	-0.525	0.187
6:	-0.119	0.124
7:	0.172	0.187
8:	0.526	0.171
9:	0.744	0.487
10:	-0.018	0.690



TARGET APPROX 1/2 SCALE



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST

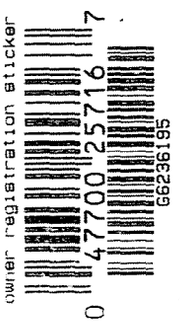
UPC

SERIAL NO.

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

– INSTUCTION BOOK 3518

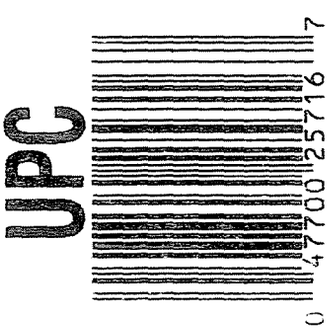
46 FORM



ORDER NO. 25716

BARREL LENGTH	24"
CAPACITY	6

G6236195



98P

M-24

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6236195

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		8/23/02	RL
600	PROOF		8-26-02	AC
607	CHECK HEADSPACE	LEAD INSP AUG	8-26-02	A
610	DIS-ASSEMBLE GUN		8/26/02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR RL		
615	ROLLMARK CALIBER		8/27/02	BS
617	DRILL AND TAP SIGHT HOLES		8-28-02	A
620	APPLY COATINGS (BARREL ACTION)		9-10	TA
	(BOLT)		9-10	TA
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		9/16/02	RL
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/16/02	RL
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/16/02	RL
	D) OIL FIRING PIN ASSEMBLY		9/16/02	RL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX]	6.0 6.0 6.0	9/30/02	DA
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	3.0 3.0 3.0	9/30/02	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT [.020 MIN]	.021 .021 .023	9/30/02	DA
	J) ASSEMBLE STOCK		9/17/02	RL
	K) ASSEMBLE SWIVEL STUDS		11/11/02	RW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11/4/02	RL
	M) IRON SIGHT ALIGNMENT		11/4/02	RL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11/4/02	RL
640	GALLERY TEST AND TARGET	PASS FAIL	9-18-02	
	MALFUNCTION CH & BAC	CORRECTION	9-18-02	
	MALFUNCTION	CORRECTION	9-18-02	
	MALFUNCTION	CORRECTION	9-18-02	
	MALFUNCTION	CORRECTION	9-18-02	
645	INSPECT FOR LIVE AMMO		9-18-02	
655	FINAL INSPECTION A) HEADSPACE		11/11/02	RW
	B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS]	2.42 2.36 2.37 2.38 2.34	10-4-02	DA
	C) FUNCTION		11/14/02	RW
660	PACK		12.302	DA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236195.__0
FILE DATE AND TIME: 09/19/2002 13:41

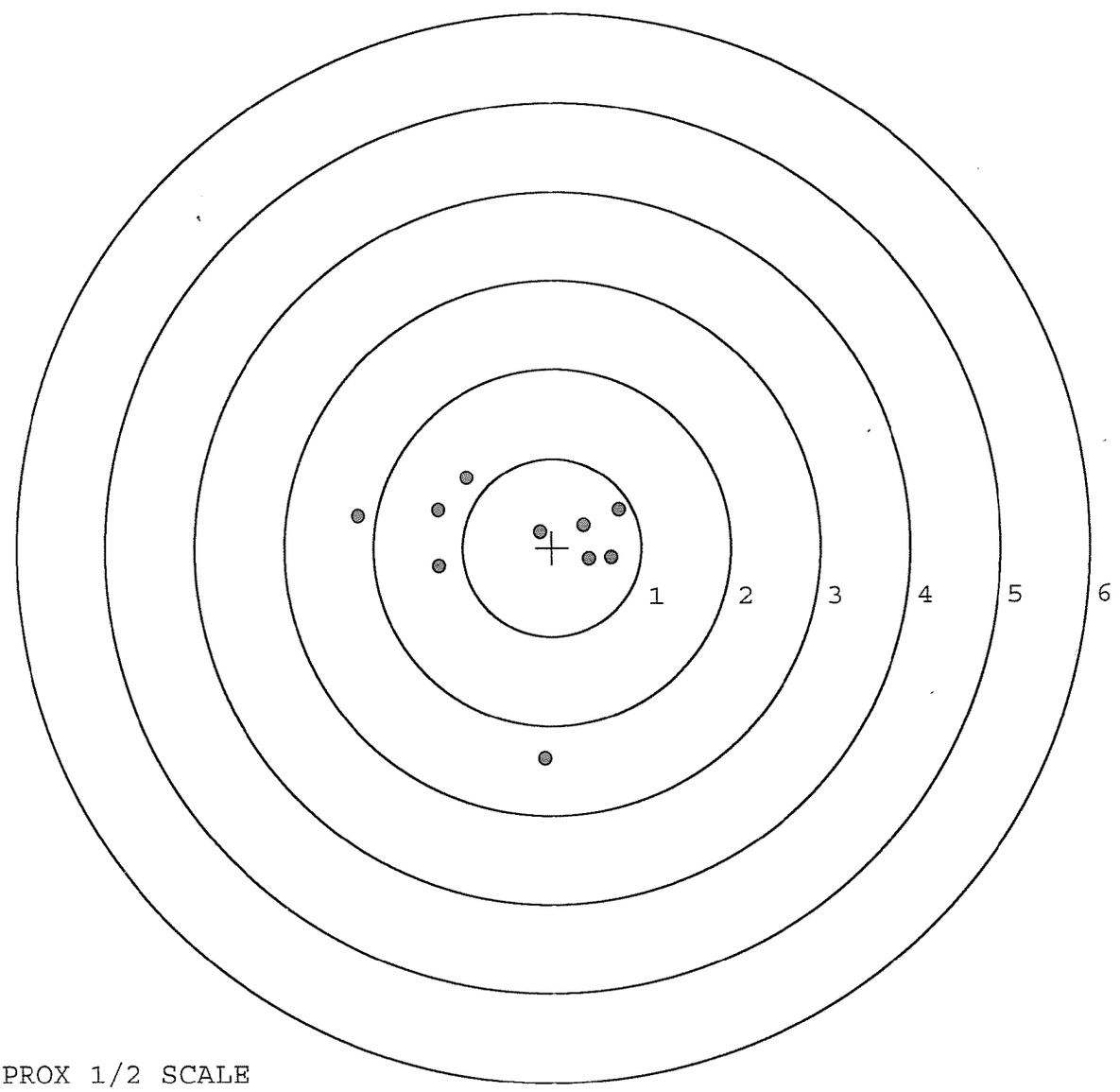
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.180
The Average Y Centroid of the Five Target Set:	-0.098
The Average Point of Impact of the Five Target Set:	0.205
The Average Mean Radius of the Five Target Set:	0.830
The Distance from POA to Centroid Target #1:	0.374
The Distance from Centroid Target #2 to Centroid Target #1:	0.360
The Distance from Centroid Target #3 to Centroid Target #1:	0.279
The Distance from Centroid Target #4 to Centroid Target #1:	0.275
The Distance from Centroid Target #5 to Centroid Target #1:	0.319

SERIAL NUMBER: G6236195.__0
TARGET NUMBER: 1
FILE DATE: 09/19/2002
FILE TIME: 13:41

X CENTROID:	-0.372
Y CENTROID:	-0.038
POA TO CENTROID:	0.374
HORZ SPREAD:	2.923
VERT SPREAD:	3.161
GROUP SPREAD:	3.443
MIN RADIUS:	0.317
MAX RADIUS:	2.350
MEAN RADIUS:	1.129
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.093	-2.372
2:	-0.137	0.175
3:	-0.958	0.789
4:	-1.278	0.428
5:	-2.174	0.371
6:	-1.269	-0.203
7:	0.664	-0.115
8:	0.419	-0.129
9:	0.358	0.248
10:	0.749	0.424

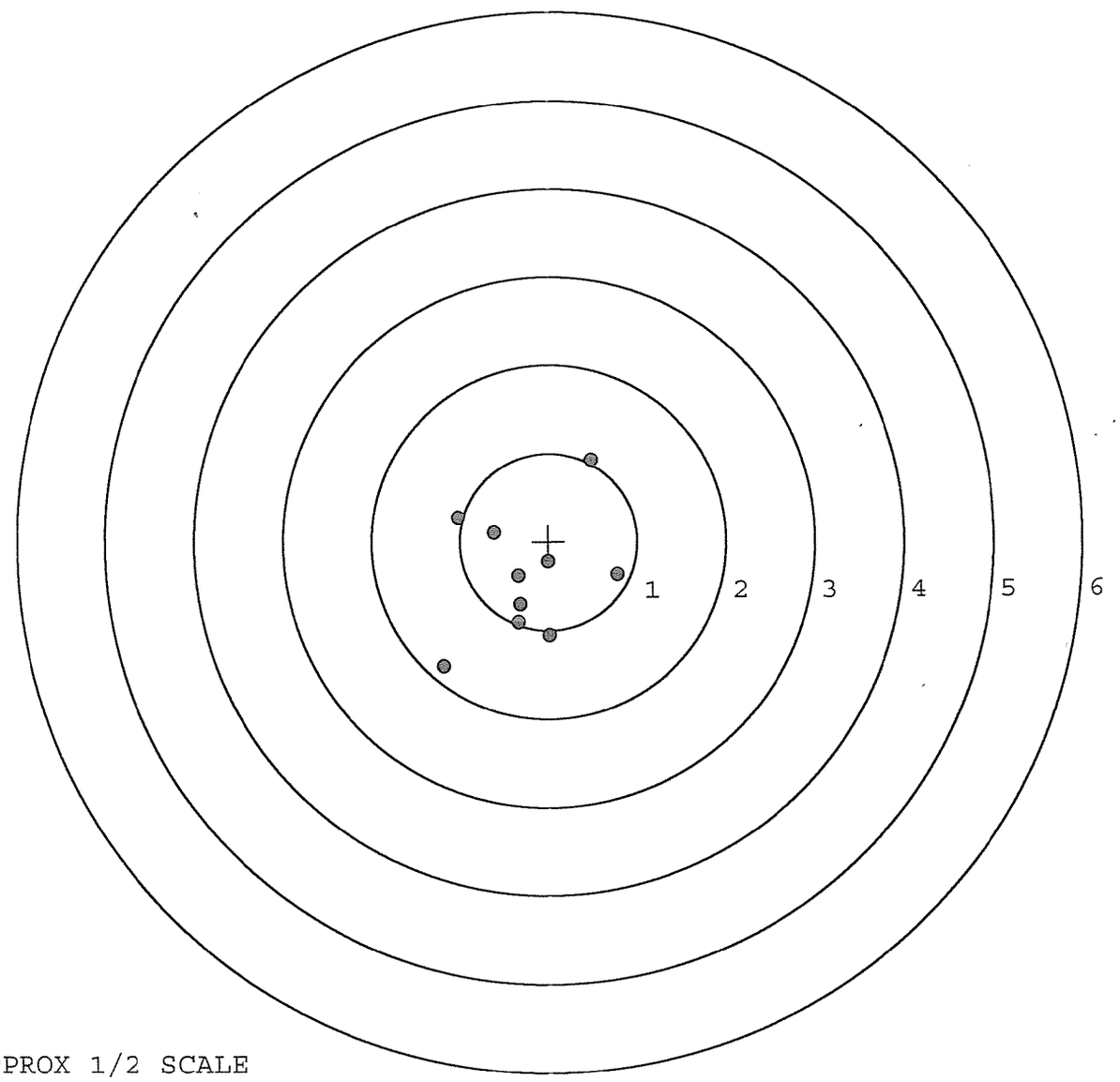


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236195.__0
TARGET NUMBER: 2
FILE DATE: 09/19/2002
FILE TIME: 13:41

X CENTROID:	-0.259
Y CENTROID:	-0.380
POA TO CENTROID:	0.460
HORZ SPREAD:	1.965
VERT SPREAD:	2.328
GROUP SPREAD:	2.865
MIN RADIUS:	0.088
MAX RADIUS:	1.500
MEAN RADIUS:	0.752
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.775	-0.374
2:	0.480	0.926
3:	-0.619	0.102
4:	-1.021	0.267
5:	-0.008	-0.232
6:	-0.346	-0.393
7:	-0.326	-0.715
8:	0.011	-1.062
9:	-1.190	-1.402
10:	-0.344	-0.917

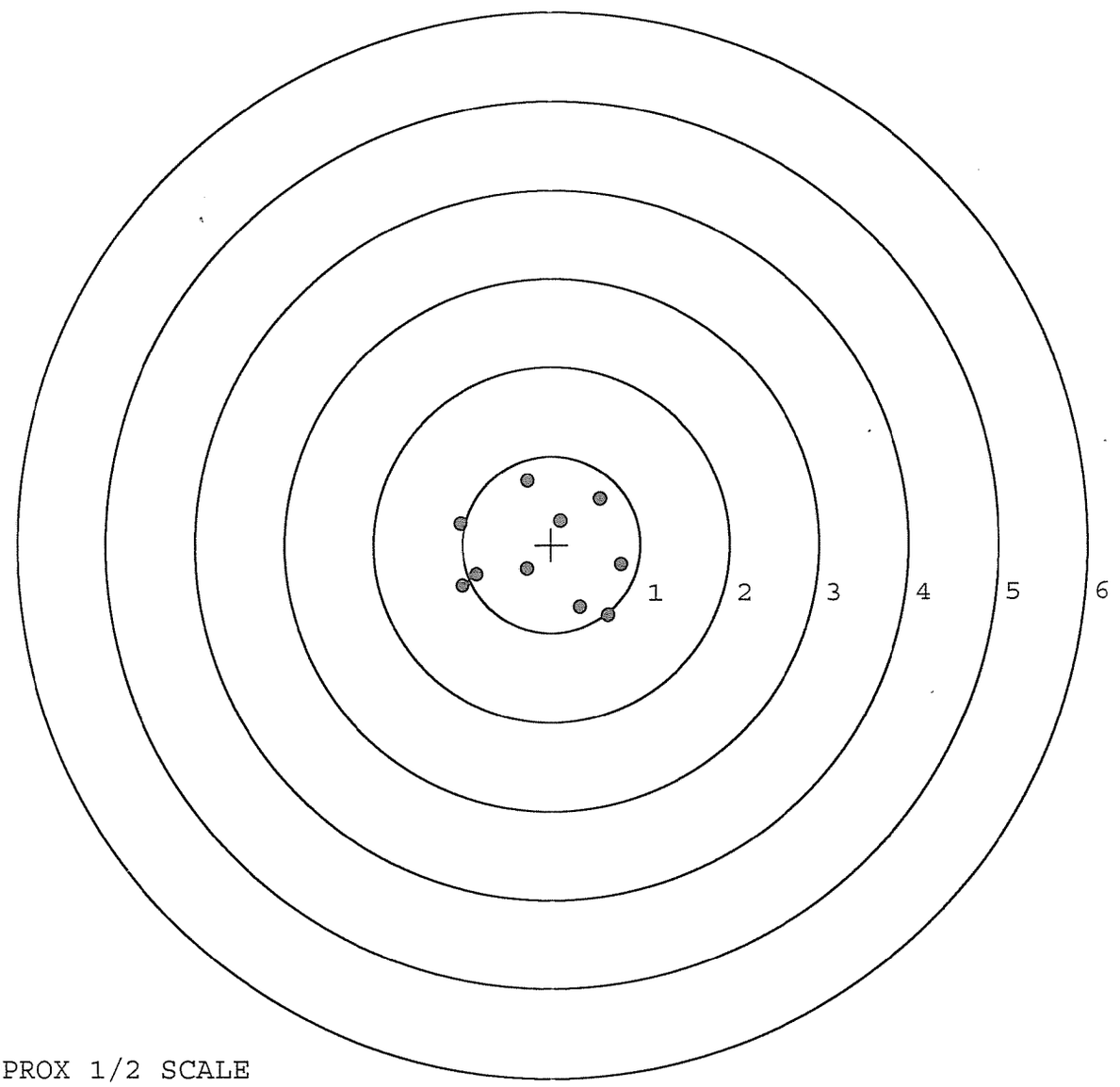


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236195.__0
TARGET NUMBER: 3
FILE DATE: 09/19/2002
FILE TIME: 13:41

X CENTROID:	-0.102
Y CENTROID:	-0.108
POA TO CENTROID:	0.149
HORZ SPREAD:	1.808
VERT SPREAD:	1.539
GROUP SPREAD:	1.969
MIN RADIUS:	0.243
MAX RADIUS:	1.021
MEAN RADIUS:	0.781
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.637	-0.813
2:	0.321	-0.717
3:	0.784	-0.233
4:	0.553	0.514
5:	0.102	0.268
6:	-0.270	0.726
7:	-1.024	0.245
8:	-0.841	-0.338
9:	-0.279	-0.275
10:	-1.006	-0.462

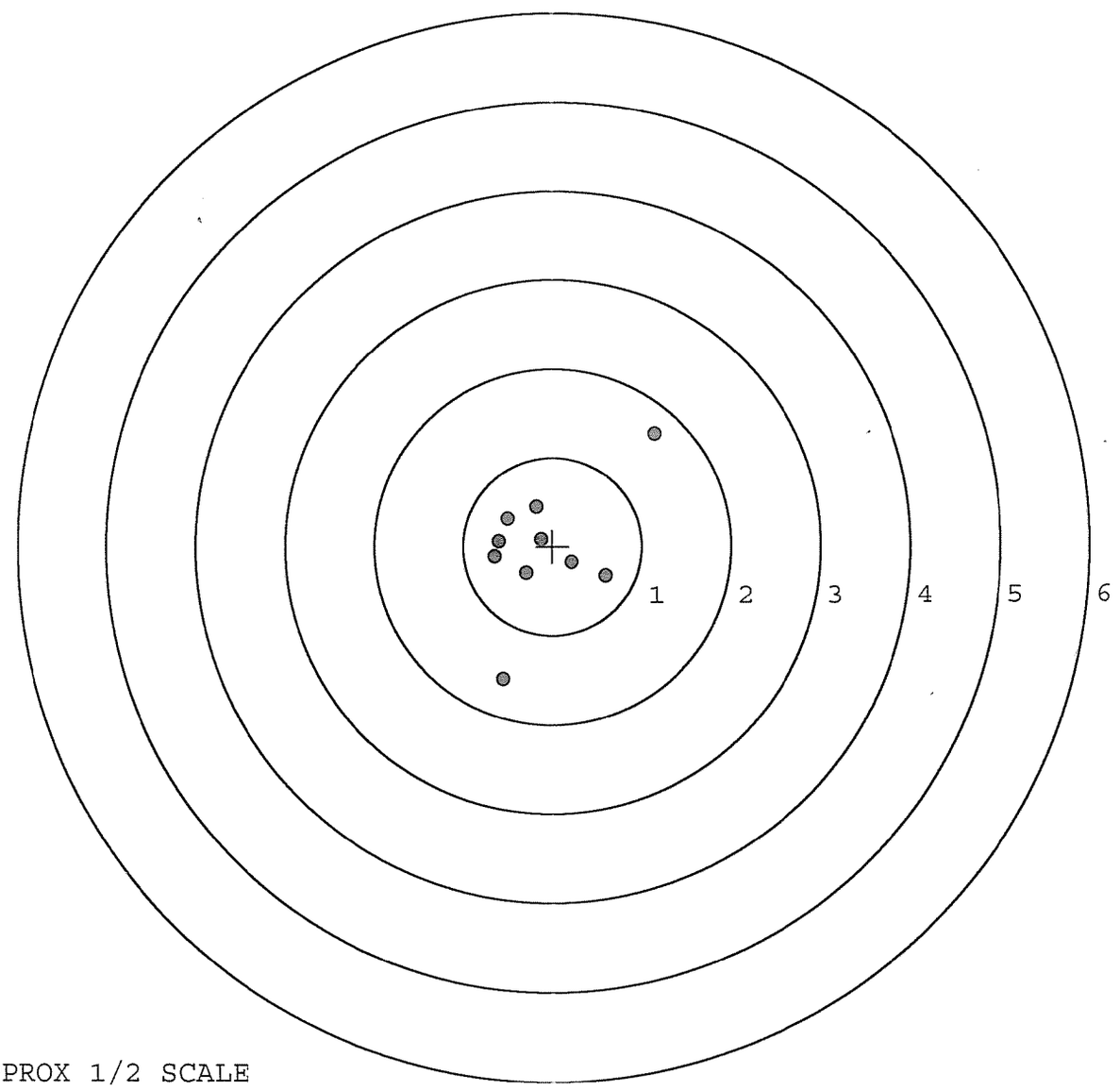


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236195.__0
TARGET NUMBER: 4
FILE DATE: 09/19/2002
FILE TIME: 13:41

X CENTROID:	-0.097
Y CENTROID:	-0.028
POA TO CENTROID:	0.101
HORZ SPREAD:	1.792
VERT SPREAD:	2.752
GROUP SPREAD:	3.235
MIN RADIUS:	0.110
MAX RADIUS:	1.790
MEAN RADIUS:	0.696
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.145	1.261
2:	0.594	-0.337
3:	0.217	-0.180
4:	-0.556	-1.491
5:	-0.298	-0.300
6:	-0.647	-0.119
7:	-0.605	0.054
8:	-0.131	0.077
9:	-0.185	0.446
10:	-0.504	0.310

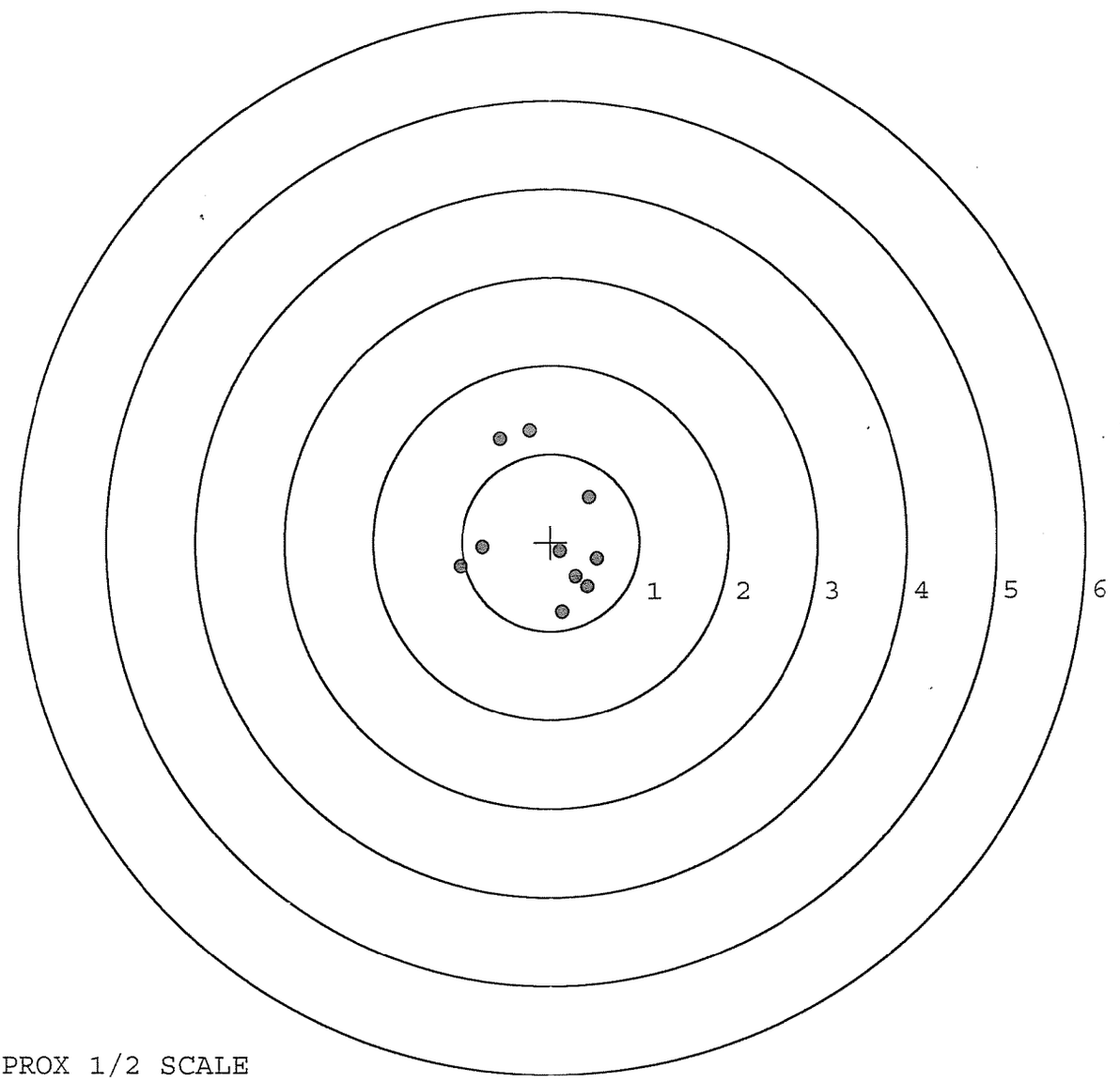


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236195.__0
TARGET NUMBER: 5
FILE DATE: 09/19/2002
FILE TIME: 13:41

X CENTROID:	-0.069
Y CENTROID:	0.064
POA TO CENTROID:	0.094
HORZ SPREAD:	1.544
VERT SPREAD:	2.058
GROUP SPREAD:	2.084
MIN RADIUS:	0.243
MAX RADIUS:	1.216
MEAN RADIUS:	0.791
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.128	-0.792
2:	0.419	-0.505
3:	0.524	-0.190
4:	0.106	-0.104
5:	0.440	0.504
6:	-0.234	1.266
7:	-0.571	1.171
8:	-0.770	-0.055
9:	-1.020	-0.270
10:	0.283	-0.389



TARGET APPROX 1/2 SCALE

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

SERIAL NO. _____

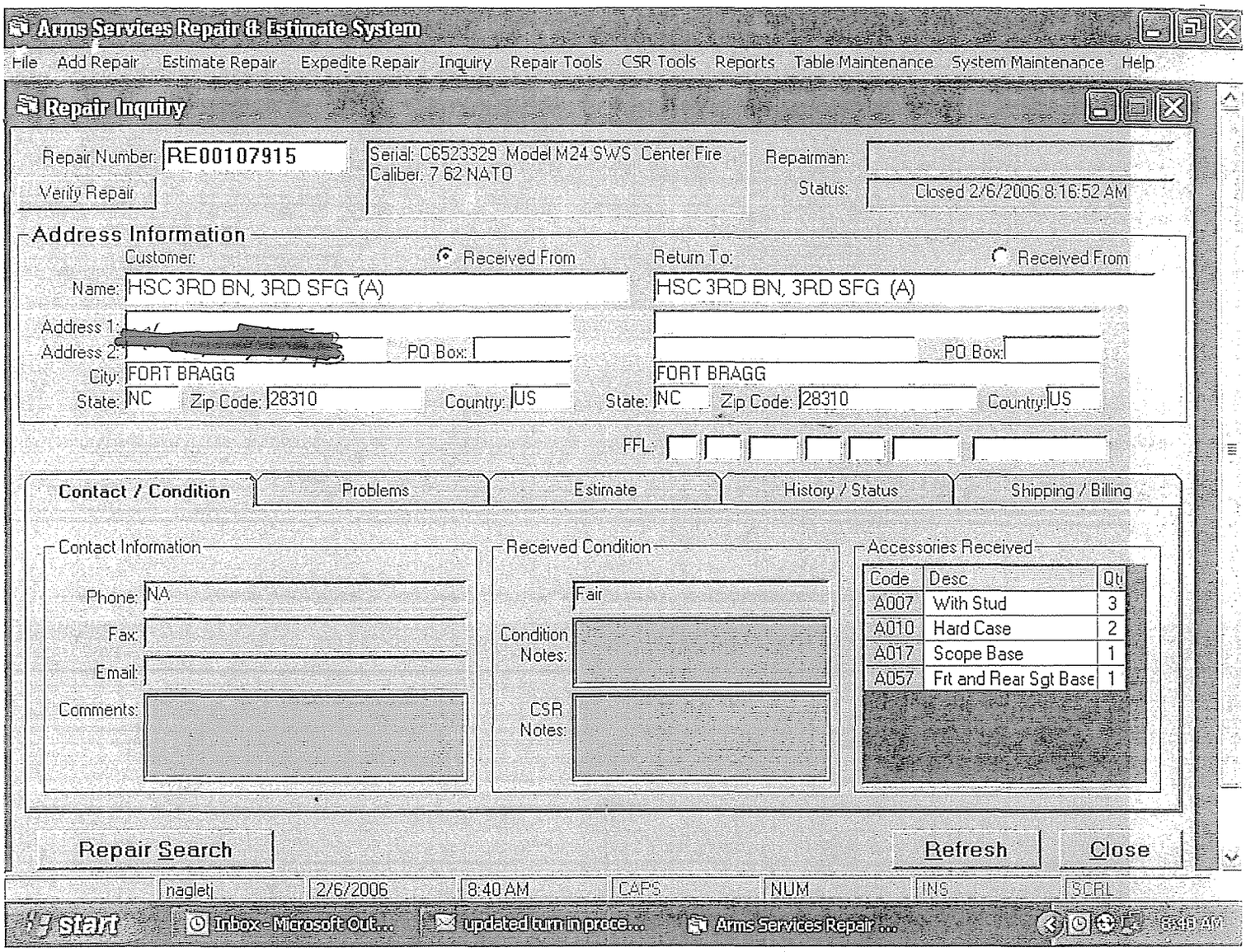
DATE 9-16-02

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.76		2.76	MIN. SETTING,
PULL #2	2.57	2.78		2.70	NO AVG. OF 5
PULL #3	2.38	2.77		2.62	READINGS ACCEPT-
PULL #4	2.59	2.66		2.65	ABLE LESS THAN 2
PULL #5	2.59	2.69		2.62	
TOTAL	12.66	13.66		13.35	
AVG.	2.53	2.73		2.67	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.28		
PULL #2	3.44	3.47		
PULL #3	3.26	3.42		
PULL #4	3.45	3.34		
PULL #5	3.32	3.18		
TOTAL	16.89	16.69		
AVG.	3.37	3.33		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURA
PULL #1	4.34	4.19		4.04
PULL #2	4.31	3.92		4.03
PULL #3	4.47	4.07		3.94
PULL #4	4.46	4.06		4.09
PULL #5	4.47	4.27		3.86
TOTAL	22.05	20.51		19.96
AVG.	4.41	4.10		3.99



A: [redacted] FFR

Serial Number: C6523329

Model: M24 SWS

RE00107915

G6236195

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523329.__0
FILE DATE AND TIME: 02/15/2006 05:07

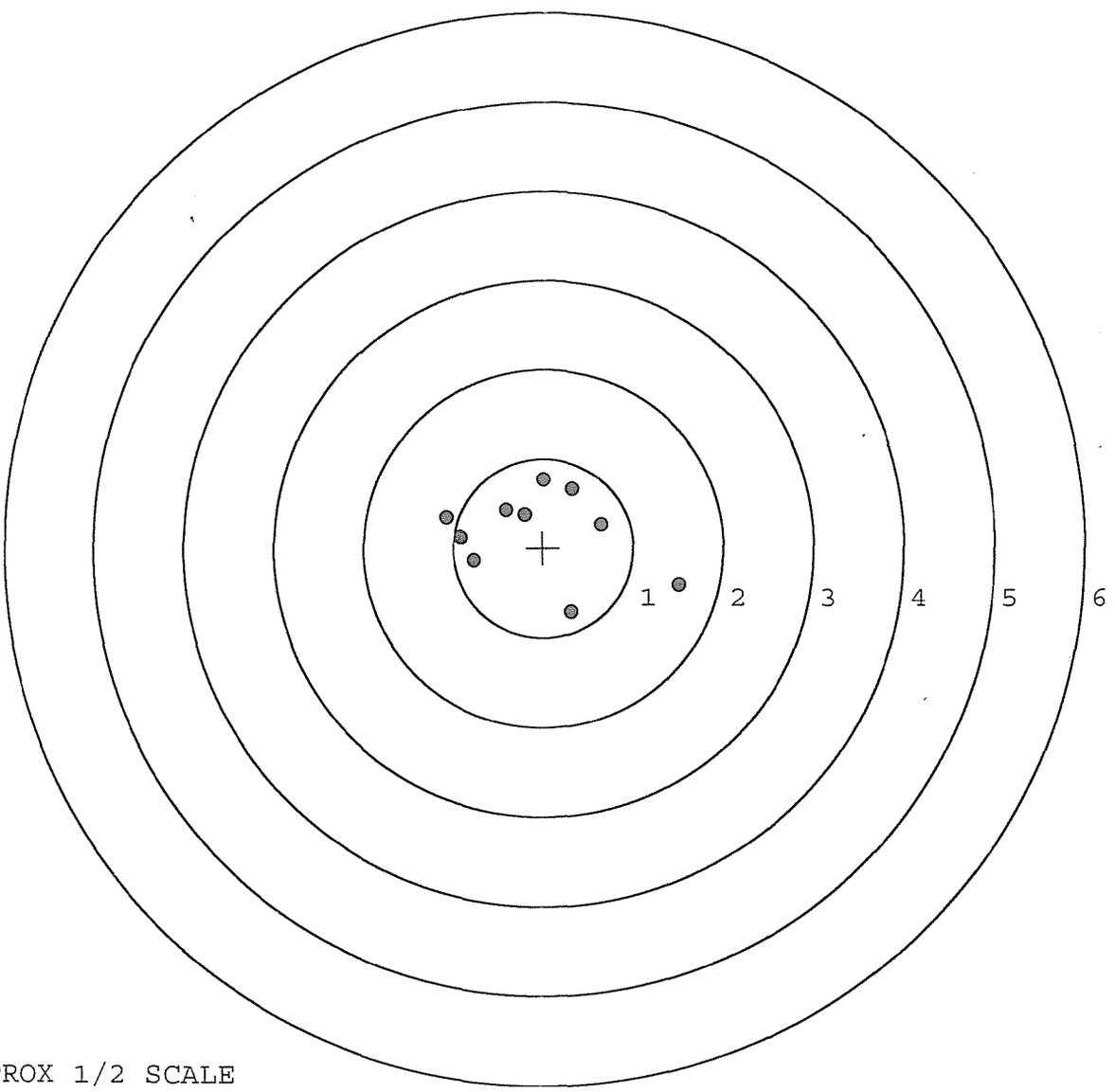
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.063
The Average Y Centroid of the Five Target Set:	0.070
The Average Point of Impact of the Five Target Set:	0.095
The Average Mean Radius of the Five Target Set:	0.734
The Distance from POA to Centroid Target #1:	0.176
The Distance from Centroid Target #2 to Centroid Target #1:	0.062
The Distance from Centroid Target #3 to Centroid Target #1:	0.171
The Distance from Centroid Target #4 to Centroid Target #1:	0.296
The Distance from Centroid Target #5 to Centroid Target #1:	0.076

SERIAL NUMBER: C6523329.__0
TARGET NUMBER: 1
FILE DATE: 02/15/2006
FILE TIME: 05:07

X CENTROID:	-0.061
Y CENTROID:	0.166
POA TO CENTROID:	0.176
HORZ SPREAD:	2.594
VERT SPREAD:	1.480
GROUP SPREAD:	2.699
MIN RADIUS:	0.257
MAX RADIUS:	1.675
MEAN RADIUS:	0.794
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.511	-0.413
2:	0.641	0.260
3:	0.320	-0.717
4:	0.324	0.660
5:	0.005	0.763
6:	-0.213	0.373
7:	-0.417	0.425
8:	-0.769	-0.144
9:	-0.925	0.115
10:	-1.083	0.334

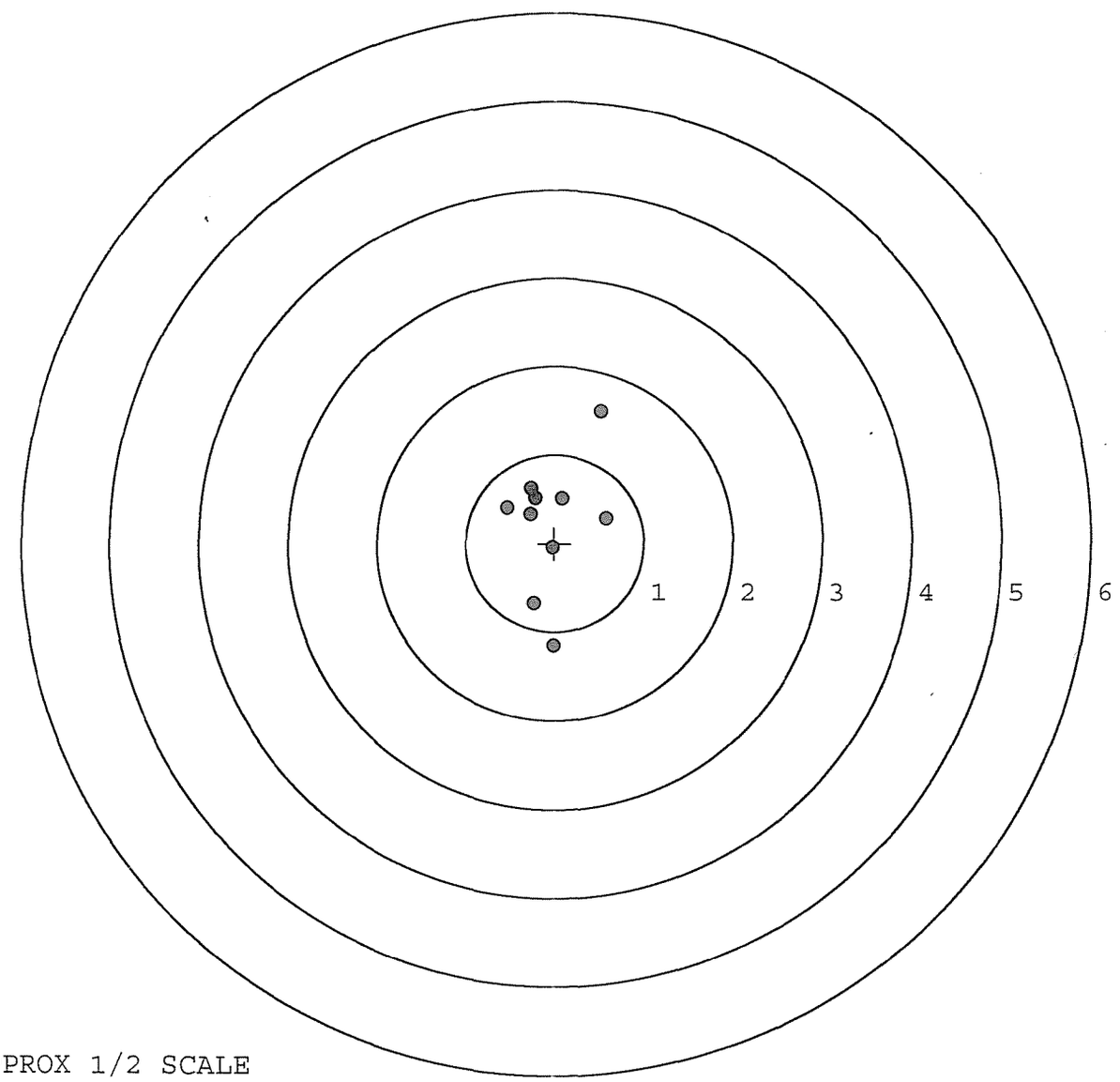


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523329.__0
TARGET NUMBER: 2
FILE DATE: 02/15/2006
FILE TIME: 05:07

X CENTROID:	-0.040
Y CENTROID:	0.224
POA TO CENTROID:	0.227
HORZ SPREAD:	1.117
VERT SPREAD:	2.648
GROUP SPREAD:	2.700
MIN RADIUS:	0.258
MAX RADIUS:	1.385
MEAN RADIUS:	0.647
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.013	-1.161
2:	-0.236	-0.682
3:	0.579	0.282
4:	-0.020	-0.047
5:	-0.538	0.403
6:	-0.275	0.329
7:	-0.272	0.614
8:	0.084	0.505
9:	0.514	1.487
10:	-0.220	0.508

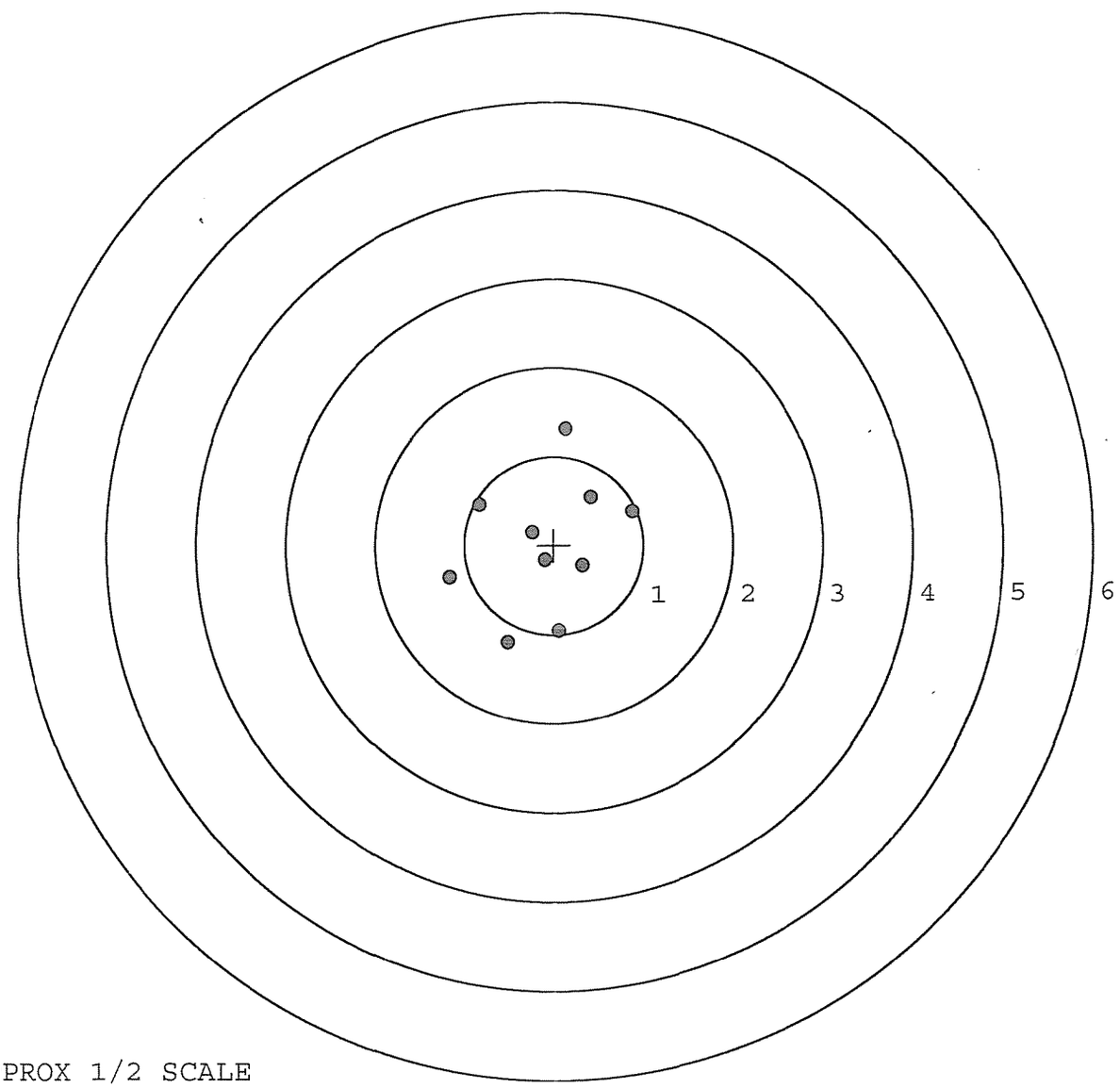


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523329.__0
TARGET NUMBER: 3
FILE DATE: 02/15/2006
FILE TIME: 05:07

X CENTROID:	-0.105
Y CENTROID:	0.000
POA TO CENTROID:	0.105
HORZ SPREAD:	2.046
VERT SPREAD:	2.396
GROUP SPREAD:	2.485
MIN RADIUS:	0.172
MAX RADIUS:	1.330
MEAN RADIUS:	0.811
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.878	0.378
2:	0.416	0.534
3:	0.143	1.307
4:	0.324	-0.231
5:	0.054	-0.966
6:	-0.106	-0.172
7:	-0.242	0.142
8:	-0.516	-1.089
9:	-1.168	-0.359
10:	-0.833	0.458

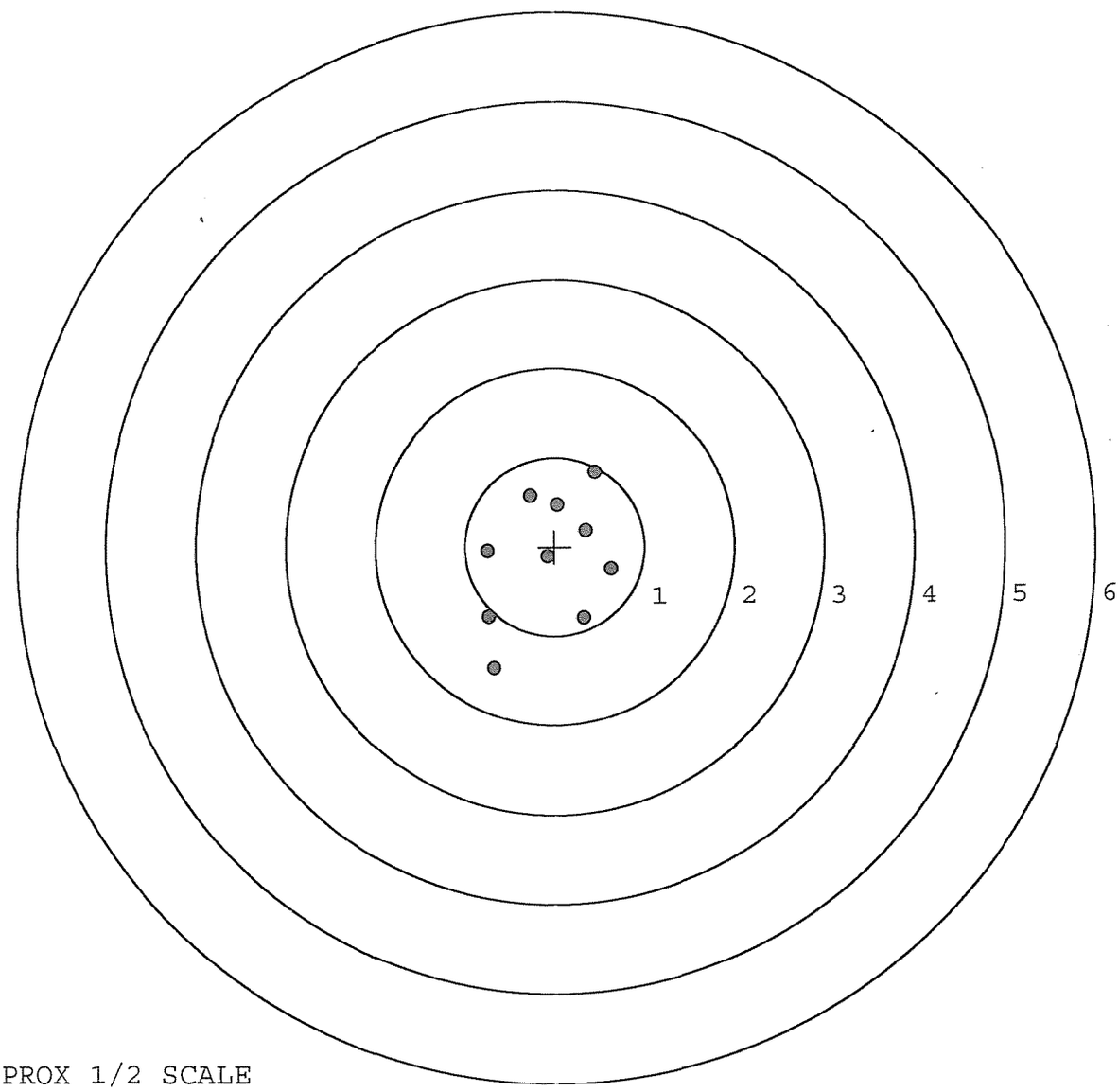


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523329.__0
TARGET NUMBER: 4
FILE DATE: 02/15/2006
FILE TIME: 05:07

X CENTROID:	-0.074
Y CENTROID:	-0.131
POA TO CENTROID:	0.150
HORZ SPREAD:	1.386
VERT SPREAD:	2.194
GROUP SPREAD:	2.464
MIN RADIUS:	0.027
MAX RADIUS:	1.368
MEAN RADIUS:	0.748
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.674	-1.360
2:	-0.737	-0.792
3:	-0.753	-0.053
4:	0.331	-0.804
5:	0.633	-0.250
6:	0.348	0.185
7:	-0.086	-0.107
8:	0.029	0.469
9:	-0.277	0.572
10:	0.447	0.834

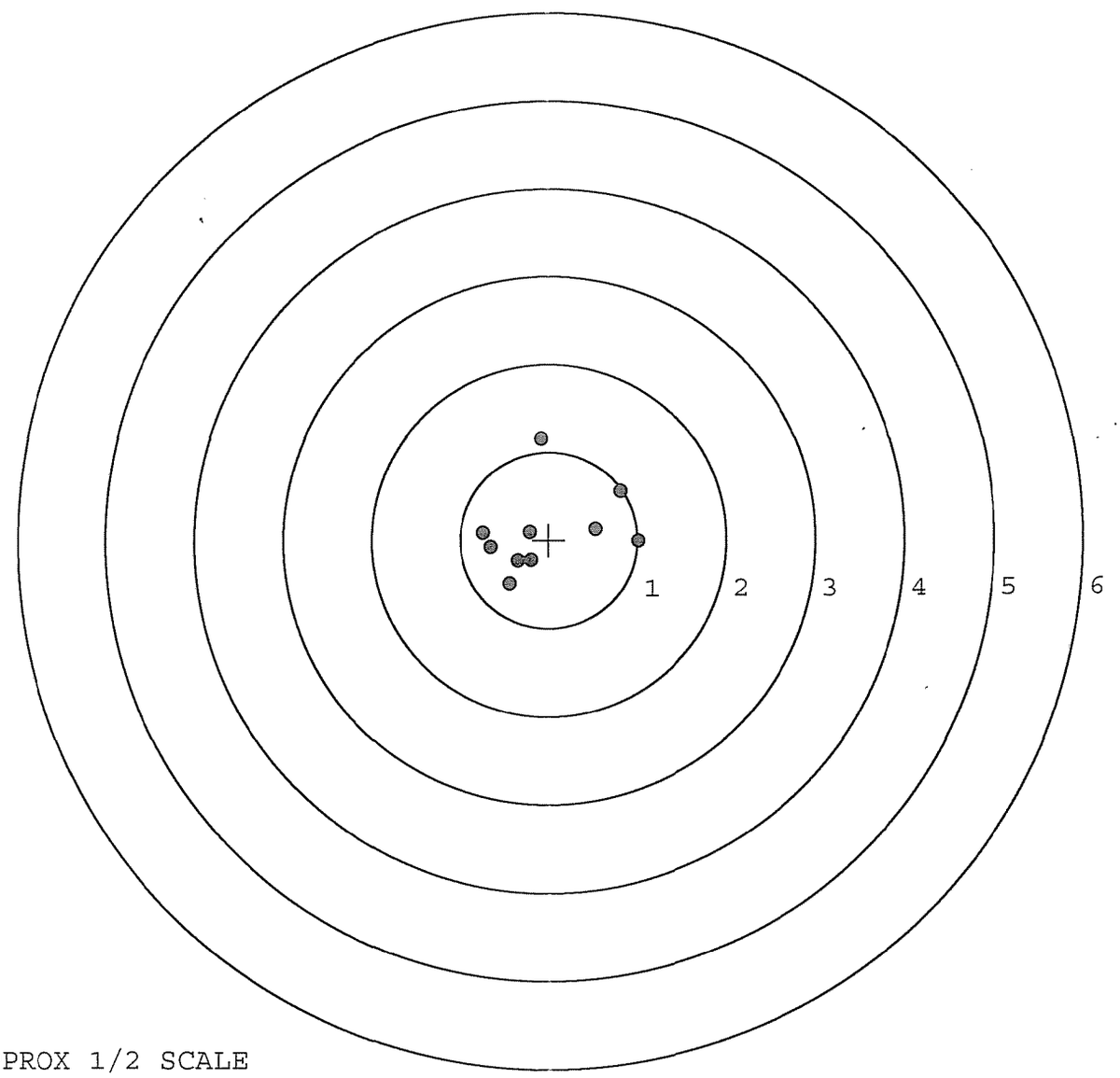


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523329.__0
TARGET NUMBER: 5
FILE DATE: 02/15/2006
FILE TIME: 05:07

X CENTROID:	-0.036
Y CENTROID:	0.093
POA TO CENTROID:	0.100
HORZ SPREAD:	1.751
VERT SPREAD:	1.644
GROUP SPREAD:	1.681
MIN RADIUS:	0.181
MAX RADIUS:	1.055
MEAN RADIUS:	0.670
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.008	-0.016
2:	0.528	0.121
3:	0.808	0.551
4:	-0.091	1.147
5:	-0.205	-0.228
6:	-0.217	0.087
7:	-0.443	-0.497
8:	-0.743	0.085
9:	-0.657	-0.081
10:	-0.353	-0.238

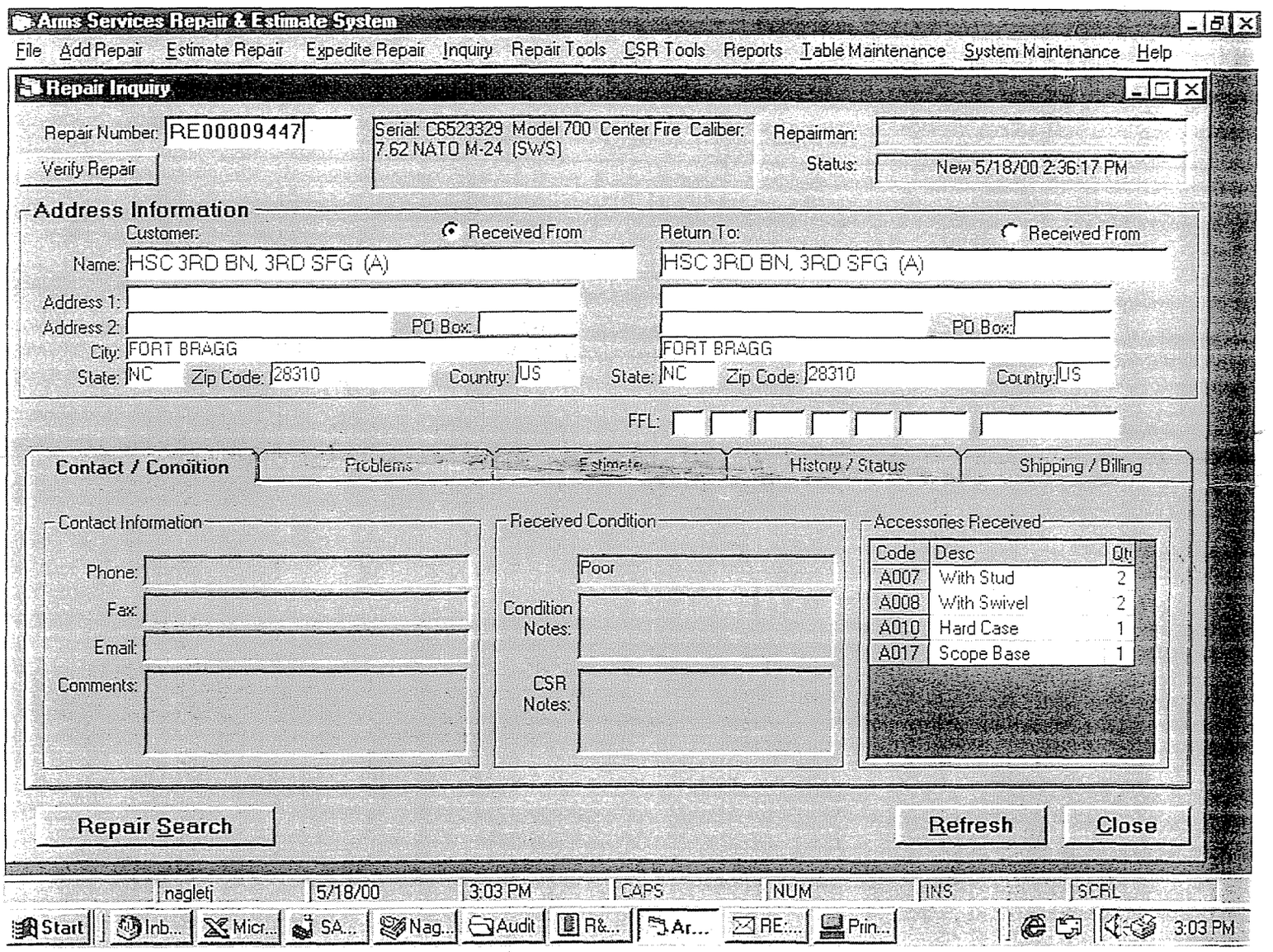


TARGET APPROX 1/2 SCALE

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

R & E NUMBER	107915			
SERIAL NUMBER	CL523329			
LOG-IN DATE	2-6-06			

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		2-6-06	RTC
505	RE-BARREL		2-8-06	RTC
560	ASSEMBLE		2-8-06	RTC
600	PROOF	MAGNA-FLUX INSPECTED FEB 09 2006	2-8-06	RTC
605	CHECK HEADSPACE		2-8-06	RTC
610	DIS-ASSEMBLE GUN		2-8-06	RTC
612	MAGNAFLUX	OPERATOR [illegible]	2/9/06	[illegible]
510	DRILL AND TAP		2-9-06	TRW
615	ROLLMARK CALIBER		2-10-06	CW
618	ROTO-BLAST		2-10	LB
620	APPLY COATINGS		2/14/06	RB
625	FINAL ASSEMBLY		2-14-06	AC
640	FUNCTION TEST AND	(PASS) FAIL	2-15-06	TRW
650	TARGET	(PASS) FAIL		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION	2/15/06	RP
670	FINAL INSPECTION		2-15-06	AC
	A) HEADSPACE	(PASS) FAIL	2-15-06	AC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)			AC
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS)	4 lbs 4 lbs 4 lbs		AC
	G) SAFETY OFF FORCE (2 LBS MIN)	3 lbs 3 lbs 3 lbs		AC
	I) FIRING PIN INDENT (.020)	.021 .021 .021		AC
690	PACK		2-24-06	[illegible]



Serial Number: C6523329

Model: 700

RE00009447

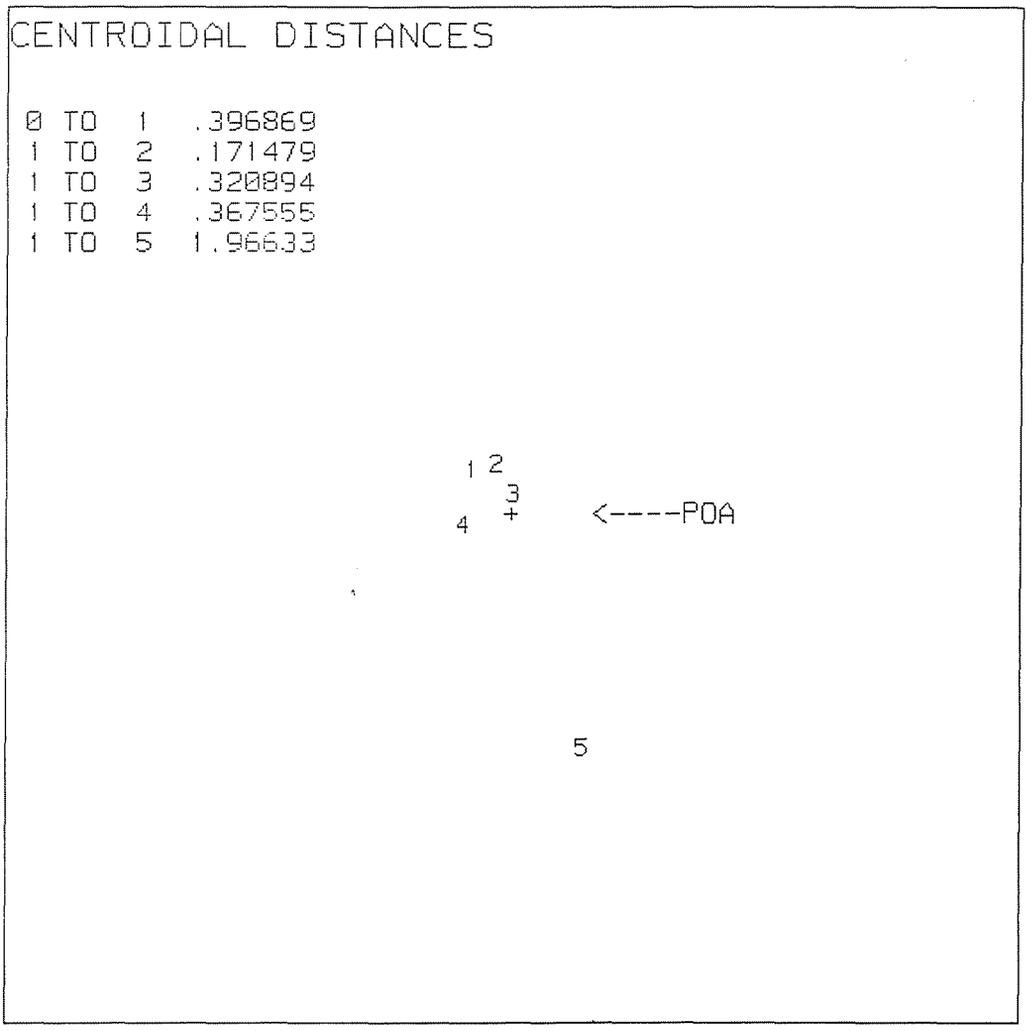
96003 - BBL

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6523329
8 Sep 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0472
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1726
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .178937

THE AMR FOR THIS RIFLE IS: 1.493

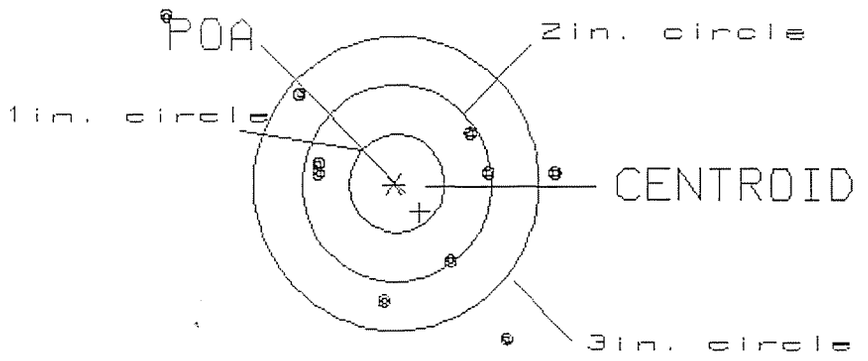


REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:	1	
POA TO CENTROID:		.397
MIN RADIUS	:	.795
MEAN RADIUS	:	1.355
MAX RADIUS	:	2.967
CENTROID X	:	-.272
CENTROID Y	:	.289

8 Sep 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523329

CENTERFIRE PATTERN # 1



# OF SHOTS= 10	# IN CIRCLE
HS= 4.08	0
VS= 3.30	5
GS= 4.86	7

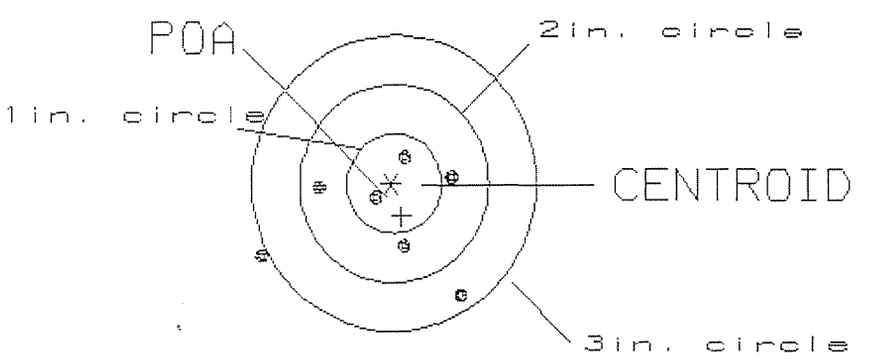
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2

POA TO CENTROID:		.348
MIN RADIUS	:	.261
MEAN RADIUS	:	1.448
MAX RADIUS	:	3.275
CENTROID X	:	-.106
CENTROID Y	:	.332

8 Sep 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523329

CENTERFIRE PATTERN # 2



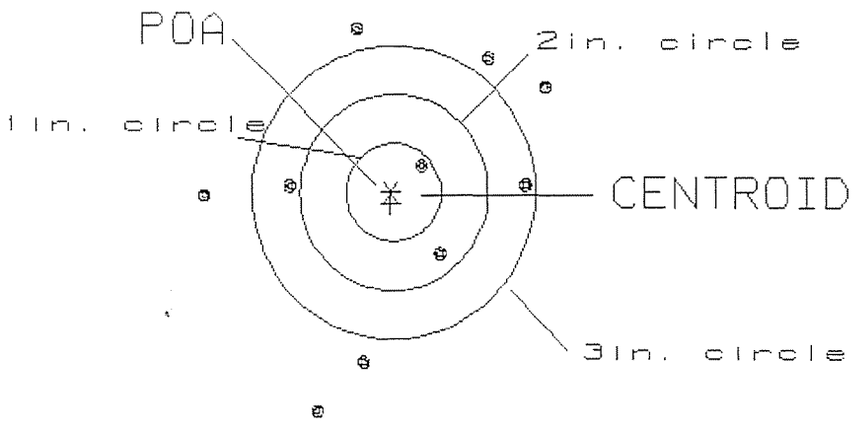
# OF SHOTS= 10	# IN CIRCLE
HS= 2.08	2
VS= 6.29	5
GS= 6.30	6

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:	3
POA TO CENTROID:	.127
MIN RADIUS :	.397
MEAN RADIUS :	1.522
MAX RADIUS :	2.378
CENTROID X :	.005
CENTROID Y :	.127

8 Sep 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523329

CENTERFIRE PATTERN # 3



# OF SHOTS= 10	# IN CIRCLE
HS= 3.56	1
VS= 3.92	2
GS= 4.12	4

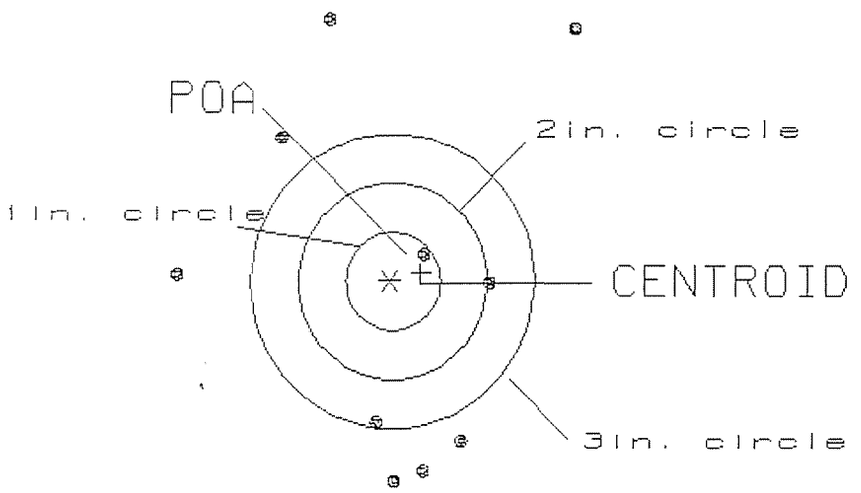
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4

POA TO CENTROID:		.332
MIN RADIUS	:	.398
MEAN RADIUS	:	1.866
MAX RADIUS	:	3.228
CENTROID X	:	-.323
CENTROID Y	:	-.075

8 Sep 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523329

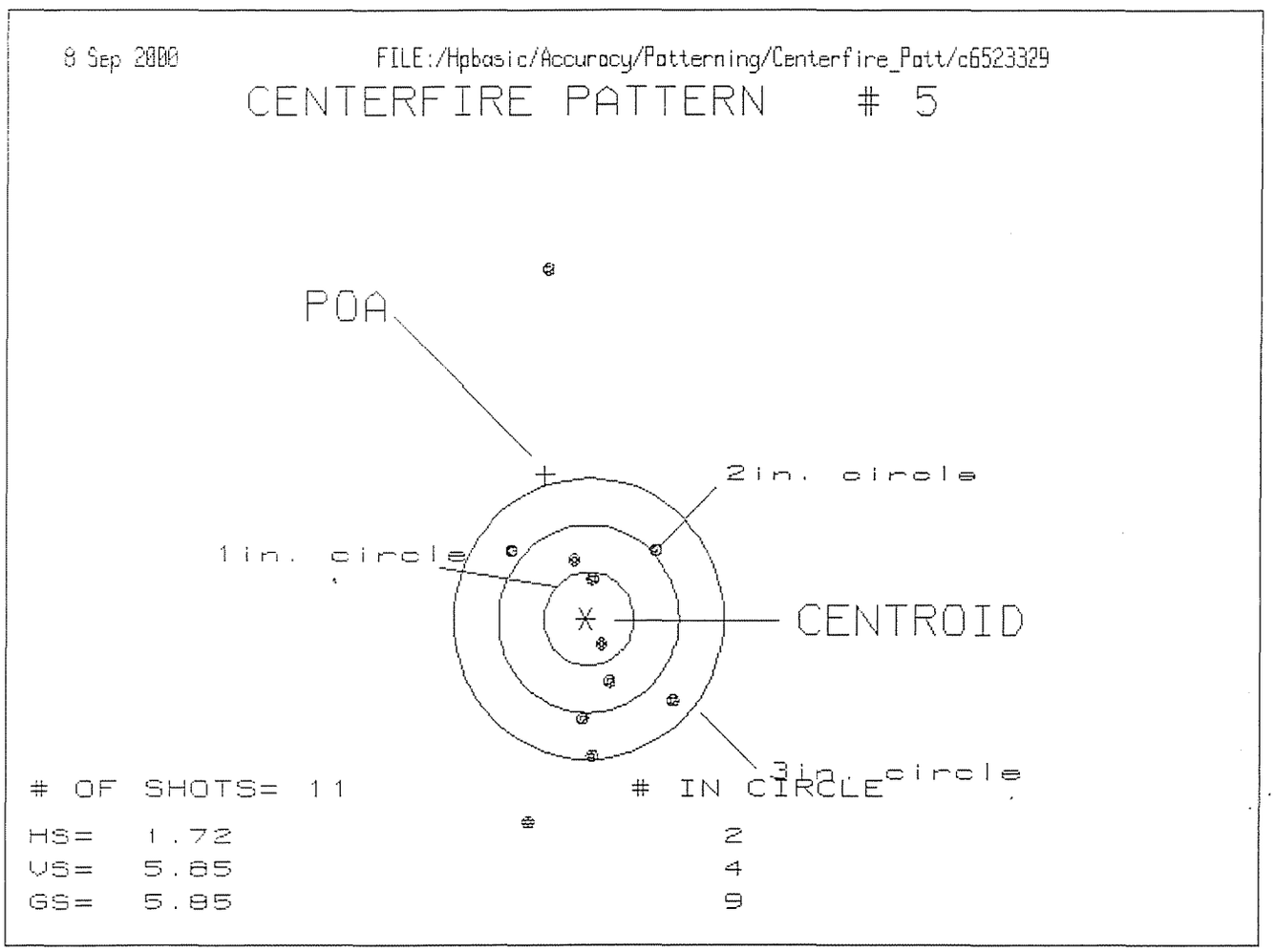
CENTERFIRE PATTERN # 4



# OF SHOTS= 10	# IN CIRCLE
HS= 4.25	1
VS= 4.63	2
GS= 4.95	3

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:		5
POA TO CENTROID:		1.604
MIN RADIUS	:	.270
MEAN RADIUS	:	1.276
MAX RADIUS	:	3.757
CENTROID X	:	.460
CENTROID Y	:	-1.536



Remington Test Lab, Ilion, N.Y.

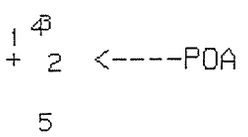
Centroidal distance calculations for Rifle # c6523329
11 Sep 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .165
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0336
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .168386

THE AMR FOR THIS RIFLE IS: 1.238

CENTROIDAL DISTANCES

0	TO	1	.139058
1	TO	2	.307846
1	TO	3	.220952
1	TO	4	.163294
1	TO	5	.582168



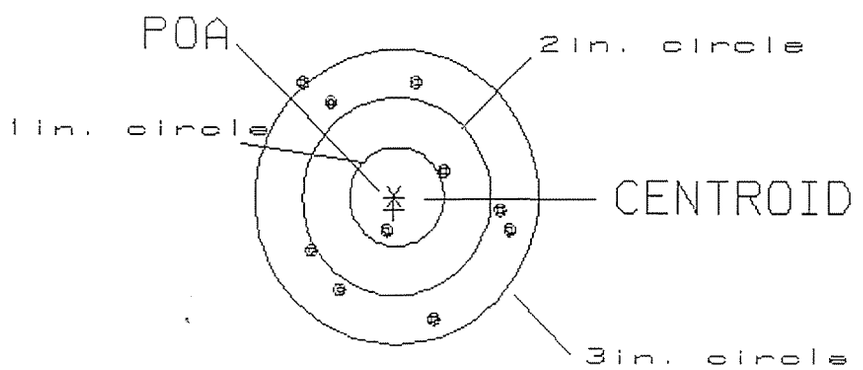
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 1 □

POA TO CENTROID:		.139
MIN RADIUS	:	.406
MEAN RADIUS	:	1.066
MAX RADIUS	:	1.517
CENTROID X	:	.004
CENTROID Y	:	.139

11 Sep 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523329.1

CENTERFIRE PATTERN # 1



# OF SHOTS= 10	# IN CIRCLE
HS= 2.15	1
VS= 2.46	2
GS= 2.80	9

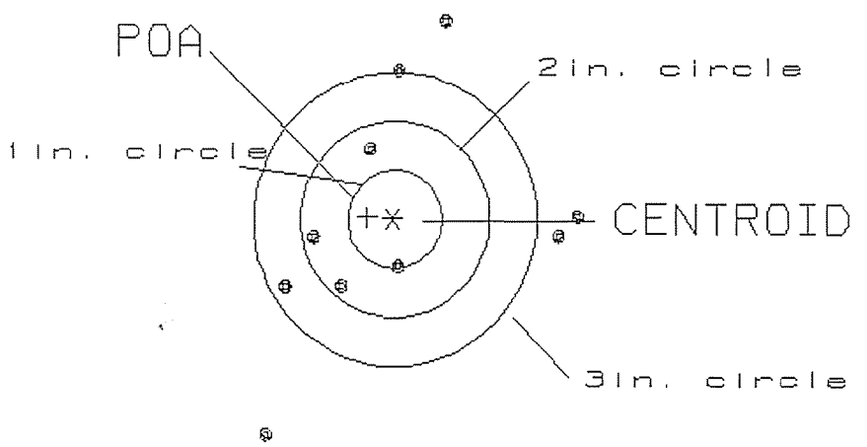
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 2 □

POA TO CENTROID:		.268
MIN RADIUS	:	.453
MEAN RADIUS	:	1.422
MAX RADIUS	:	2.598
CENTROID X	:	.267
CENTROID Y	:	-.021

11 Sep 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523329.1

CENTERFIRE PATTERN # 2



# OF SHOTS= 10	# IN CIRCLE
HS= 3.31	1
VS= 4.28	4
GS= 4.69	5

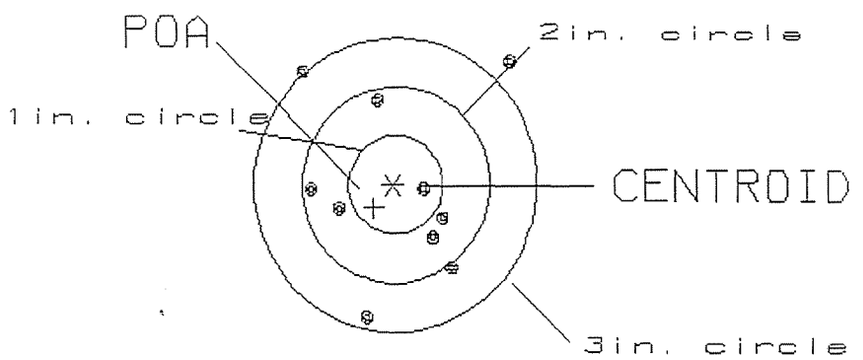
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3

POA TO CENTROID:		.313
MIN RADIUS	:	.344
MEAN RADIUS	:	.985
MAX RADIUS	:	1.776
CENTROID X	:	.200
CENTROID Y	:	.241

11 Sep 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523329.1

CENTERFIRE PATTERN # 3



# OF SHOTS= 10	# IN CIRCLE
HS= 2.20	1
VS= 2.59	6
GS= 3.01	8

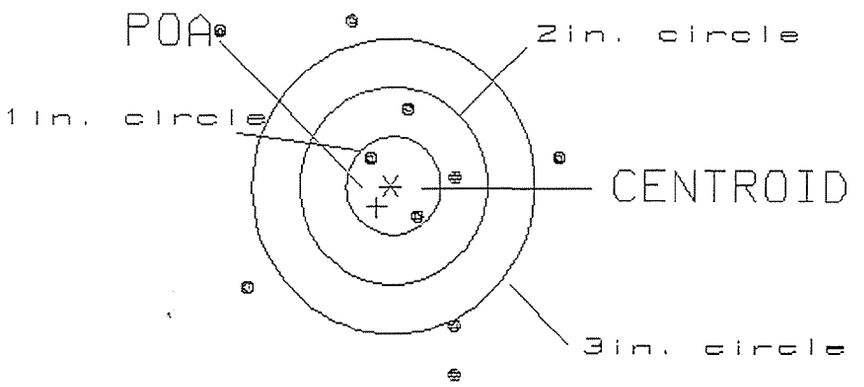
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 4 □

POA TO CENTROID:		.262
MIN RADIUS	:	.373
MEAN RADIUS	:	1.354
MAX RADIUS	:	2.462
CENTROID X	:	.148
CENTROID Y	:	.216

11 Sep 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523329.1

CENTERFIRE PATTERN # 4



# OF SHOTS= 10	# IN CIRCLE
HS= 3.60	2
VS= 3.60	4
GS= 4.34	4

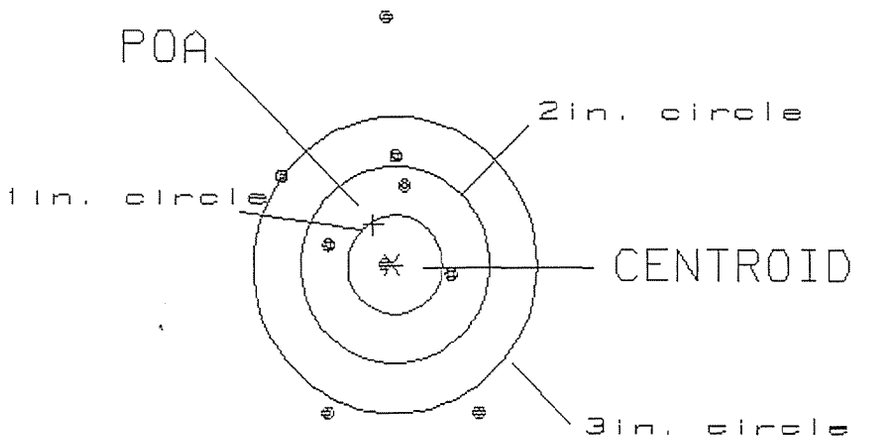
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 5 □

POA TO CENTROID:		.456
MIN RADIUS	:	.085
MEAN RADIUS	:	1.362
MAX RADIUS	:	2.813
CENTROID X	:	.206
CENTROID Y	:	-.407

11 Sep 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523329.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

HS= 2.62
VS= 4.99
GS= 5.21

IN CIRCLE

1
4
5

Final Inspection

S/N: C6523329	DATE REC'D: 5-12-00	DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.
- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Scope Assy.
- ___ Scope
- ___ Scope Rings
- ___ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ___ Finish
- ___ Looseness
- ___ Clarity

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

Item:

Stock Assy.
- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Systems Case
- ___ Scope Case
- ___ Iron Sights
- ___ Deployment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Comments: ___

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

R & E NUMBER	00009447
SERIAL NUMBER	C6523329
LOG-IN DATE	5-12-00

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-15-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	5-23-00	RW
605	CHECK HEADSPACE	5-23-00	RW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	9-5-00	CK
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	9-7-00	RW
655	FINAL INSPECT	9-11-00	RW
660	PACK		
		SHIP DATE	
	QAR INSPECTION DATE		

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN Scope S/N 90-1016

ORDER: R 94-18815

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

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/14/94	06/15/94		C6522329		700 7.62 NATO

ACCESSORIES: HARD CASE SCOPE MNTS SCOPE BASE SLING STRAP

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
					UPS

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
Trigger ASSY

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			6/13/96	6/13/96	

OFFICE COPY

RD6925 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. C6522329

DATE 6-10-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.32	2.68		MIN. SETTING,
PULL #2	2.46	2.27	2.78		NO AVG. OF 5
PULL #3	2.38	2.29	2.87		READINGS ACCEPT-
PULL #4	2.50	2.32	2.80		ABLE LESS THAN 2#
PULL #5	2.45	2.35	2.80		
TOTAL	12.21	11.55	13.93		
AVG.	2.44	2.31	2.78		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.40		
PULL #2	3.34	3.33		
PULL #3	3.32	3.34		
PULL #4	3.32	3.38		
PULL #5	3.42	3.40		
TOTAL	16.69	16.85		
AVG.	3.33	3.37		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.00		4.03
PULL #2	4.04	4.00		4.07
PULL #3	4.00	4.06		4.17
PULL #4	4.05	3.99		4.02
PULL #5	4.19	3.87		4.03
TOTAL	20.38	19.92		20.32
AVG.	4.07	3.98		4.06

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522329
16 Apr 1900

CENTROIDAL DISTANCES

0	TO	1	.182693
1	TO	2	.213009
1	TO	3	.174734
1	TO	4	.138827
1	TO	5	.249062

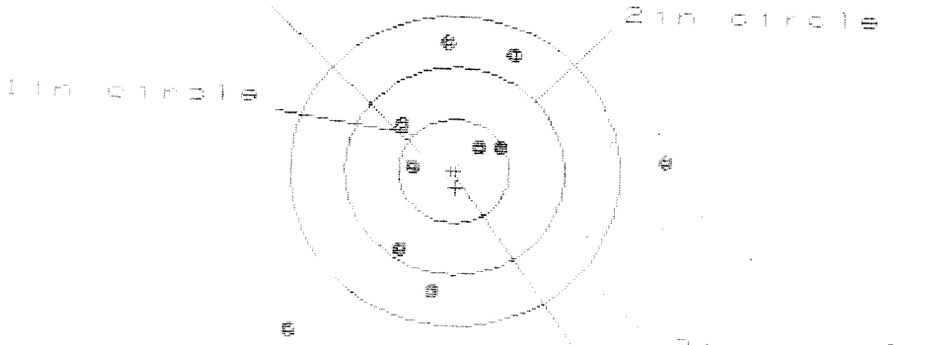
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0022
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2368
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .237838

THE AMP FOR THIS RIFLE IS: 1.005

JE Rdr 1900 FILE:/PATTERNING/CENTERFIRE_PATT/CB520329

CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 3.420

S= 2.765

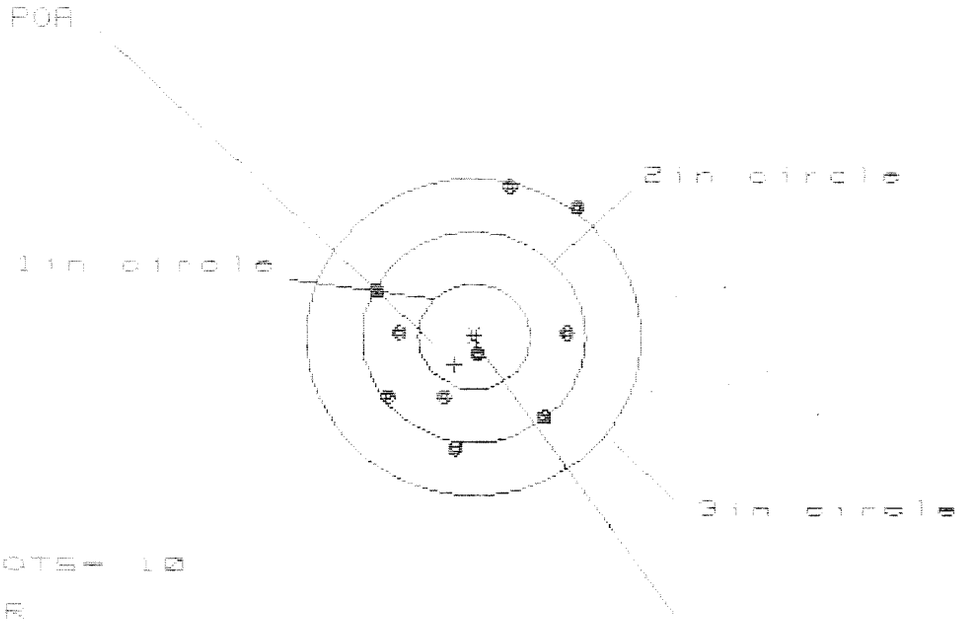
CS= 3.807

CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.951	1.788	.596
MINIMUM X	:	-1.469	-.659	-.436
MAXIMUM Y	:	1.226	1.055	1.051
MINIMUM Y	:	-1.539	-1.309	-1.313
CENTROID X	:	-.015	.148	-.075
CENTROID Y	:	.162	.333	.337
POA TO CENTROID in.	:	.162	.364	.346
MIN RADIUS	:	.326	.108	.250
MEAN RADIUS	:	1.040	.886	.759
MAX RADIUS	:	2.128	1.788	1.320
HORIZONTAL SPREAD	:	3.420	2.447	1.932
VERTICAL SPREAD	:	2.765	2.364	2.364
EXTREME SPREAD	:	3.807	2.588	2.367
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Apr 1900 FILE:/PATTERNING/CENTERFIRE_PATT/CB522329

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

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

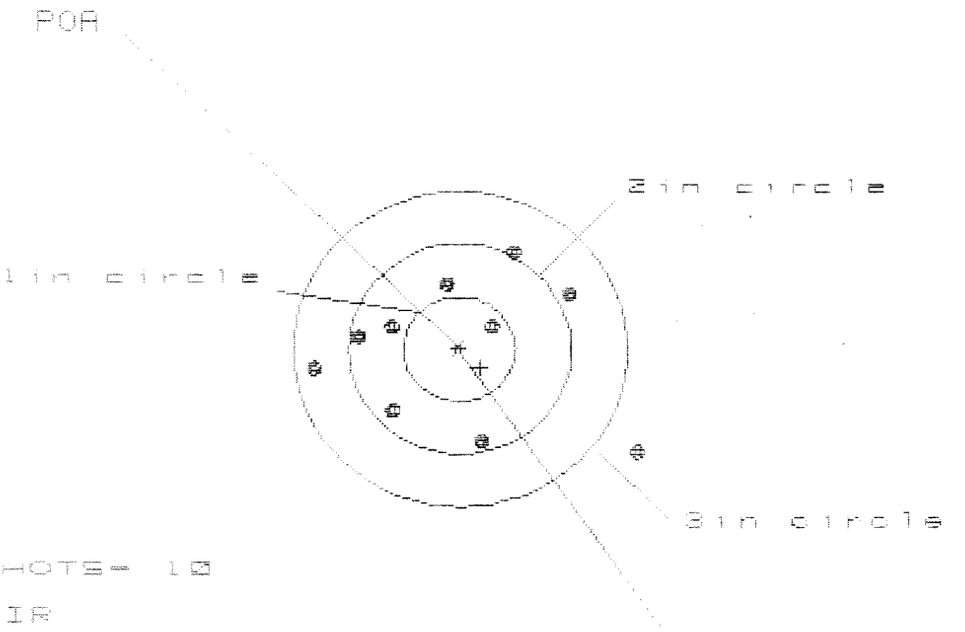
HS= 1.868
VS= 2.480
GS= 2.544

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.971	.929	.981
MINIMUM X	:	-.897	-.789	-.737
MAXIMUM Y	:	1.411	1.547	.758
MINIMUM Y	:	-1.069	-.933	-.740
CENTROID X	:	.172	.064	.013
CENTROID Y	:	.264	.128	-.065
POA TO CENTROID in.	:	.315	.143	.066
MIN RADIUS	:	.141	.160	.290
MEAN RADIUS	:	.931	.826	.698
MAX RADIUS	:	1.560	1.600	1.064
HORIZONTAL SPREAD	:	1.868	1.718	1.718
VERTICAL SPREAD	:	2.480	2.480	1.498
EXTREME SPREAD	:	2.544	2.519	1.926

NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 9

16 Apr 1998 FILE:/PATTERNING/CENTERFIRE_PATT/CB5228329

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

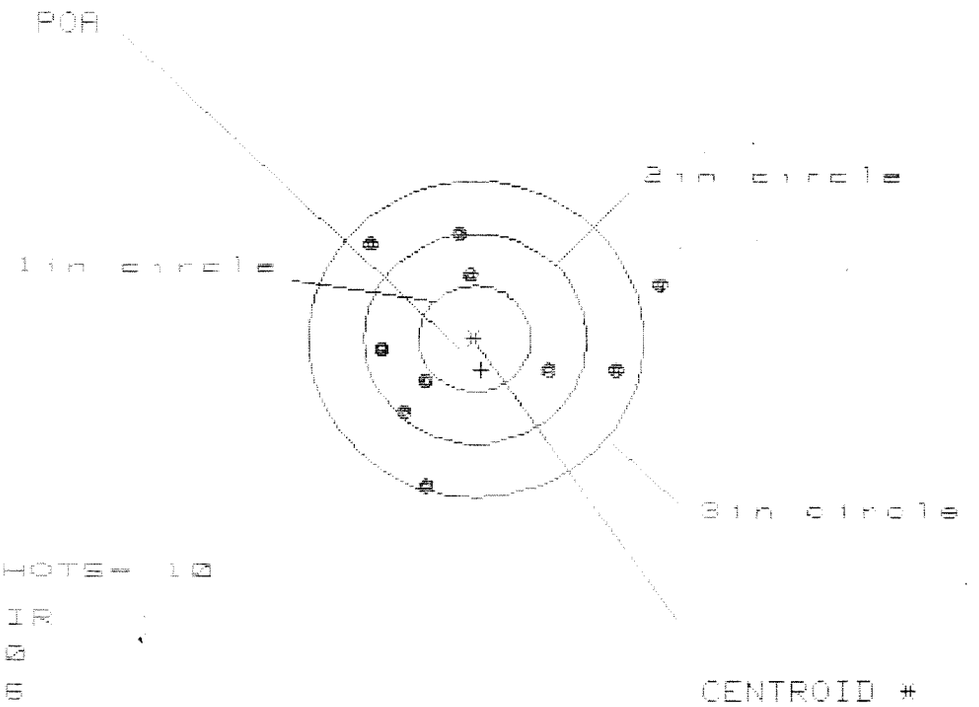
# IN CIR
1in = 1
2in = 6
3in = 9

HS= 2.810
VS= 1.897
GS= 2.817

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.544	1.173	1.036
MINIMUM X	:	-1.266	-1.094	-.874
MAXIMUM Y	:	.934	.827	.792
MINIMUM Y	:	-.963	-.948	-.983
CENTROID X	:	-.189	-.361	-.224
CENTROID Y	:	.178	.285	.320
POA TO CENTROID in.	:	.259	.459	.391
MIN RADIUS	:	.350	.469	.336
MEAN RADIUS	:	.957	.833	.788
MAX RADIUS	:	1.820	1.247	1.106
HORIZONTAL SPREAD	:	2.810	2.267	1.910
VERTICAL SPREAD	:	1.897	1.775	1.775
EXTREME SPREAD	:	2.917	2.375	1.972
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Apr 1900 FILE:/PATTERNING/CENTERFIRE_PATT/08522329

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

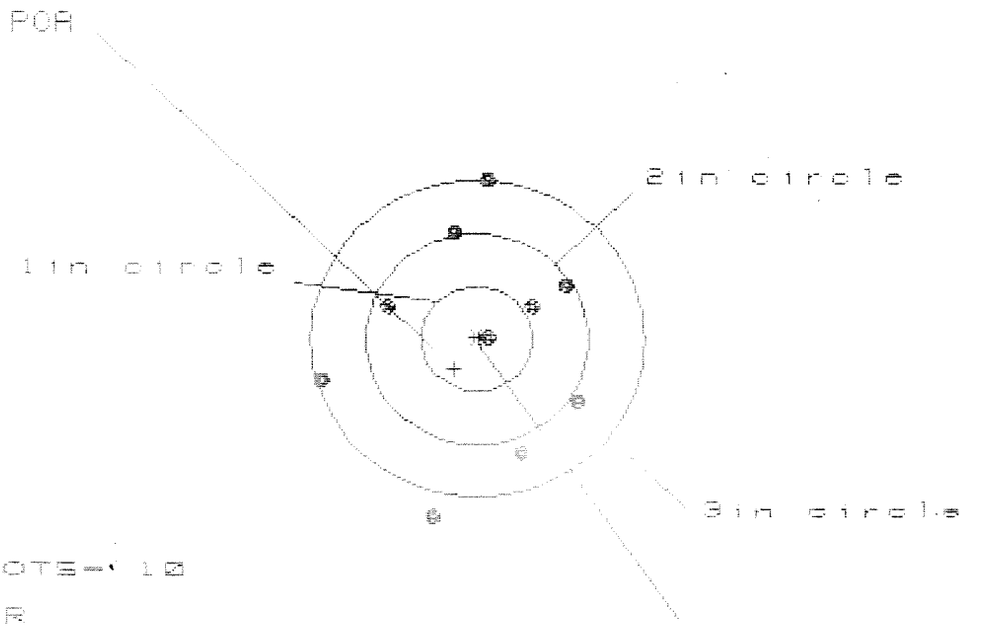
IN CIR
1 in = 0
2 in = 6
3 in = 9

HS= 2.672
VS= 2.336
GS= 2.866

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	6
MAXIMUM X	:	1.683	1.403	1.366
MINIMUM X	:	-.990	-.803	-.840
MAXIMUM Y	:	.986	1.044	.883
MINIMUM Y	:	-1.350	-1.292	-.776
CENTROID X	:	-.058	-.245	-.208
CENTROID Y	:	.294	.236	.397
POA TO CENTROID in.	:	.300	.340	.448
MIN RADIUS	:	.592	.420	.572
MEAN RADIUS	:	1.049	.941	.889
MAX RADIUS	:	1.762	1.431	1.436
HORIZONTAL SPREAD	:	2.672	2.206	2.206
VERTICAL SPREAD	:	2.336	2.336	1.659
EXTREME SPREAD	:	2.866	2.547	2.547
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Apr 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C8522329

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 2.334
VS= 3.157
GS= 3.197

PATTERN #	:	5		
SHOTS (BEST OF)	:	10		8
MAXIMUM X	:	.902	.854	.861
MINIMUM X	:	-1.432	-1.478	-1.473
MAXIMUM Y	:	1.488	1.303	1.007
MINIMUM Y	:	-1.669	-1.225	-1.062
CENTROID X	:	.201	.247	.242
CENTROID Y	:	.286	.471	.308
POA TO CENTROID in.	:	.350	.532	.392
MIN RADIUS	:	.126	.168	.081
MEAN RADIUS	:	1.049	.950	.899
MAX RADIUS	:	1.720	1.580	1.525
HORIZONTAL SPREAD	:	2.334	2.334	2.334
VERTICAL SPREAD	:	3.157	2.528	2.069
EXTREME SPREAD	:	3.197	2.551	2.386
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522329

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. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7 1/4			6/24/96	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			6/24/96	WB
	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 Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.53	2.57	2.72	2.62	2.57	6/20/96	WB
	C) Function							
660	Pack							

GFM

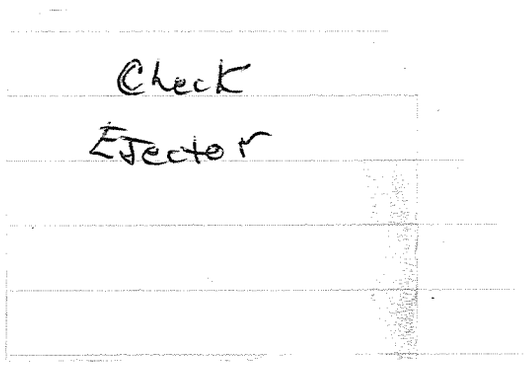
CONTRACT # DAAA21-87-C-0086

Repair

GUN SERIAL # C6523329 New Barrel

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		2/4/93	RW
600	Proof		2/4/93	RW
607	Check Headspace		2/4/93	RW
610	Dis-assemble Gun		2/4/93	RW
612	Magnaflux Barrel Action		2/5/93	RW
	Magnaflux Bolt			
615	Rollmark Caliber		2/5/93	RW
617	Drill and Tap Sight Holes		2/5/93	BT
618	Polish Barrel		2/5/93	BT
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/9/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/9/93	RW
	C) Inspect Ejector Hole for Chamfer		2/9/93	RW
	D) Oil Firing Pin Ass'y		2/9/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/9/93	RW

Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4.5	5			2/9/93	RW
	G) Safety Off Force	3	2.5	2.5			2/9/93	RW
	H) Trigger Pull Test & Retainability						2/9/93	RW
	I) Firing Pin Indent	.021	.022	.021			2/9/93	RW
	J) Assemble Stock						2/9/93	RW
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						2/9/93	RW
	M) Iron Sight Alignment						2/9/93	RW
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle						2/9/93	RW
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						3/2/93	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clearity of Scope							
645	Inspect for Live Ammo						3/2/93	RW
655	Final Inspection A) Headspace						3/5/93	RW
	B) Trigger Pull	2.60	2.57	2.59	2.57	2.57	3/5/93	RW
	C) Function						3/5/93	RW
660	Pack							


Check
Ejector

SWS TRIGGER PULL TEST

New Trigger ASY

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

SERIAL NO. C6523329

DATE 2/9/93

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.62	2.66	2.81		MIN. SETTING,
PULL #2	2.61	2.58	2.81		NO AVG. OF 5
PULL #3	2.63	2.60	2.81		READINGS ACCEPT-
PULL #4	2.63	2.58	2.79		ABLE LESS THAN 2#
PULL #5	2.65	2.59	2.79		
TOTAL	13.14	13.01	14.01		
AVG.	2.63	2.60	2.80		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.09		
PULL #2	3.14	3.17		
PULL #3	3.11	3.09		
PULL #4	3.12	3.11		
PULL #5	3.12	3.14		
TOTAL	15.66	15.60		
AVG.	3.13	3.12		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.29		4.31
PULL #2	4.29	4.32		4.27
PULL #3	4.30	4.28		4.28
PULL #4	4.28	4.29		4.25
PULL #5	4.32	4.29		4.27
TOTAL	21.50	21.47		21.38
AVG.	4.30	4.29		4.28

RECEIVING AND ESTIMATING REPORT

COMMENTS: WOG 4 OF 30 W/10X SCOPE & DEPLOYMENT KIT M24

ORDER: R 93-02451

INITIAL	CUSTOMER ORDER NO.
FPS	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
01/25/93	01/25/93	EK 10-90	C6523329		700 7-62 NATO

ACCESSORIES: W/STUDS W/SWIVELS SOFT CASE SCOPE BASE

FROM:

MCHALE; EDWARD J CPT;SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

SHIP TO:

MCHALE; EDWARD J CPT;SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

CUST NO:073985 C.O.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐ CLEAN/TEST	PROM. DATE	ESTIMATED	VIA
					UPS

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

COMMENTS

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

RD6925 REV. 1/92

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523329
3 Mar 1[illegible]

CENTROIDAL DISTANCES

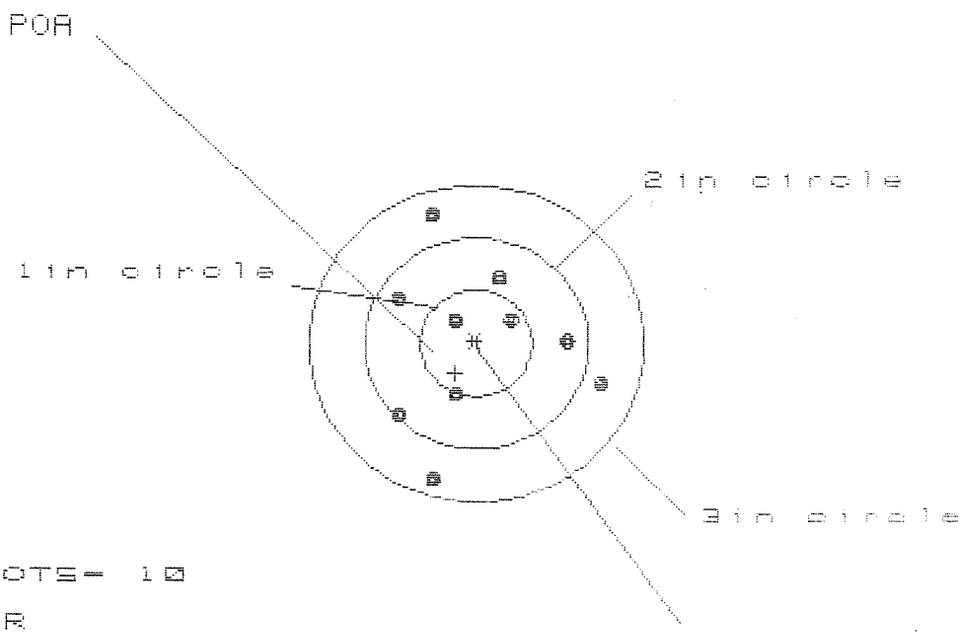
0	TO	1	.335872
1	TO	2	.948413
1	TO	3	.806432
1	TO	4	.755731
1	TO	5	.584824

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.157
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0776
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .175101

THE AMR FOR THIS RIFLE IS: .8276

3 Mar 1993 FILE:/PATTERNING/CENTERFIRE_PATT/C05283329

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

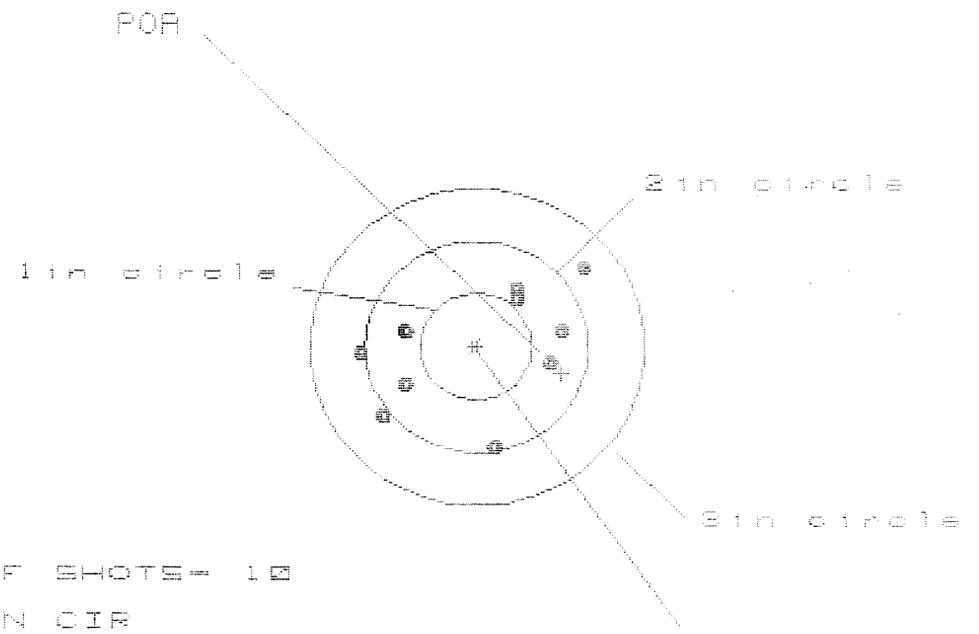
# IN CIR
1in = 2
2in = 7
3in = 10

HS= 1.854
VS= 2.543
GS= 2.543

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.149	1.110	1.055
MINIMUM X	:	-.705	-.744	-.799
MAXIMUM Y	:	1.235	1.089	.640
MINIMUM Y	:	-1.308	-.826	-.689
CENTROID X	:	.187	.226	.281
CENTROID Y	:	.279	.425	.288
POA TO CENTROID in.	:	.336	.481	.402
MIN RADIUS	:	.336	.242	.278
MEAN RADIUS	:	.836	.756	.709
MAX RADIUS	:	1.354	1.210	1.111
HORIZONTAL SPREAD	:	1.854	1.854	1.854
VERTICAL SPREAD	:	2.543	1.915	1.329
EXTREME SPREAD	:	2.543	2.205	1.992
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Mar 1993 FILE:/PATTERNING/CENTERFIRE_PATT/06523023

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

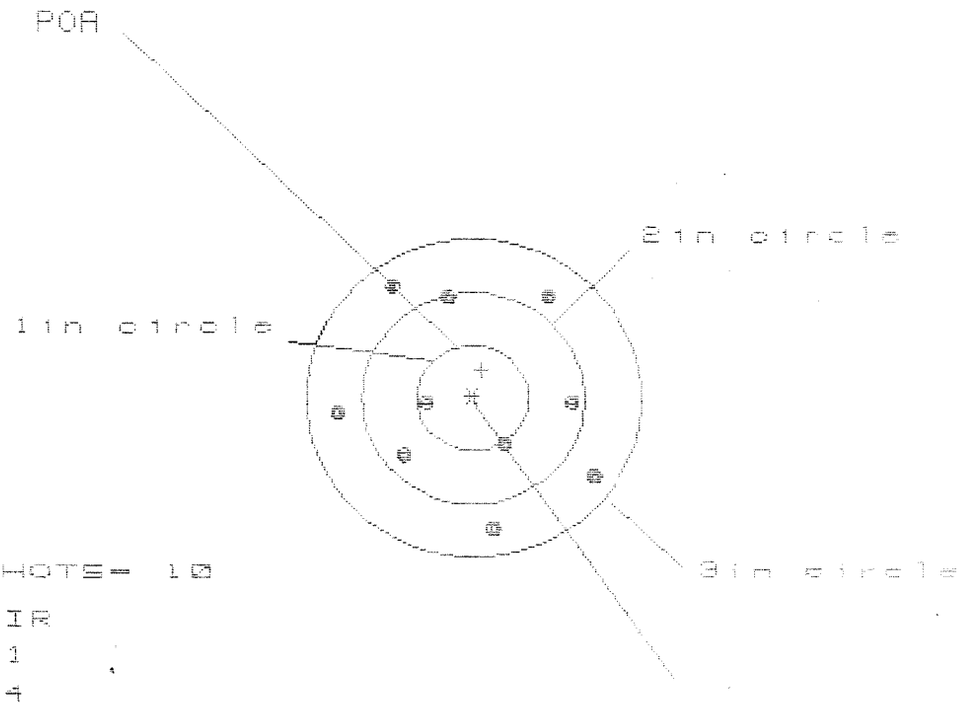
# IN CIR
1in = 0
2in = 7
3in = 10

HS= 1.963
VS= 1.682
GS= 2.236

PATTERN #	:	2	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.933	.876	.781
MINIMUM X	:	-1.030	-.926	-1.021
MAXIMUM Y	:	.714	.667	.600
MINIMUM Y	:	-.968	-.889	-.956
CENTROID X	:	-.761	-.865	-.770
CENTROID Y	:	.251	.172	.239
POA TO CENTROID in.	:	.802	.882	.807
MIN RADIUS	:	.601	.551	.616
MEAN RADIUS	:	.820	.786	.757
MAX RADIUS	:	1.175	.931	1.024
HORIZONTAL SPREAD	:	1.963	1.802	1.802
VERTICAL SPREAD	:	1.682	1.556	1.556
EXTREME SPREAD	:	2.236	1.823	1.823
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Mar 1993 FILE:/PATTERNING/CENTERFIRE_PATT/C6523329

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

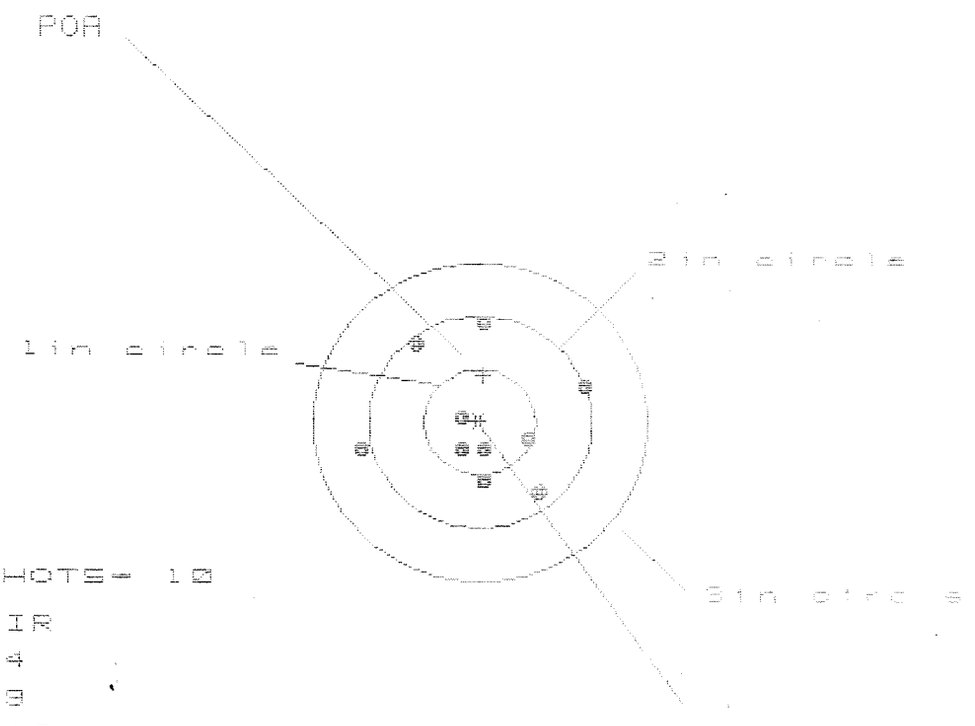
# IN CIR	
1 in	= 1
2 in	= 4
3 in	= 10

HS= 2.356
VS= 2.336
GS= 2.536

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.105	1.006	.937
MINIMUM X	:	-1.251	-1.128	-1.197
MAXIMUM Y	:	1.112	1.034	1.053
MINIMUM Y	:	-1.224	-1.302	-1.172
CENTROID X	:	-.081	-.204	-.135
CENTROID Y	:	-.265	-.187	-.317
POA TO CENTROID in.	:	.277	.277	.344
MIN RADIUS	:	.394	.297	.336
MEAN RADIUS	:	.987	.942	.900
MAX RADIUS	:	1.306	1.346	1.204
HORIZONTAL SPREAD	:	2.356	2.134	2.134
VERTICAL SPREAD	:	2.336	2.336	2.225
EXTREME SPREAD	:	2.536	2.501	2.266
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Mar 1993 FILE:/PATTERNING/CENTERFIRE_PATT/C6523989

CENTERFIRE PATTERNS # 4



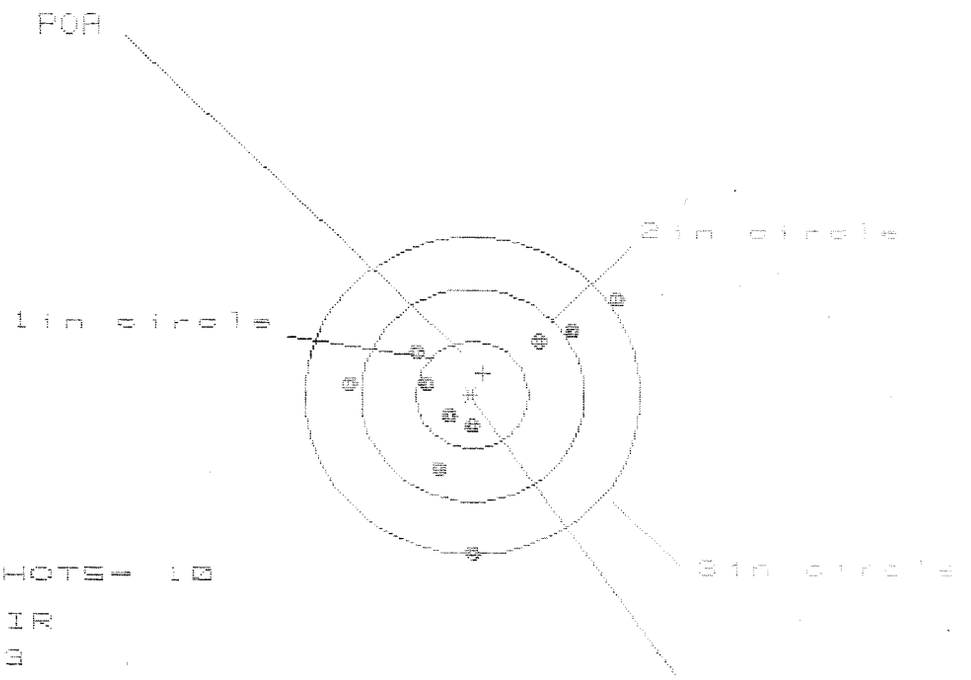
OF SHOTS= 10

# IN CIR	
1in	4
2in	9
3in	10
HS=	1.947
VS=	1.565
GS=	2.042

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.899	.782	.499
MINIMUM X	:	-1.048	-.660	-.562
MAXIMUM Y	:	.895	.869	.913
MINIMUM Y	:	-.670	-.696	-.652
CENTROID X	:	-.033	.084	-.014
CENTROID Y	:	-.444	-.418	-.462
POA TO CENTROID in.	:	.446	.426	.462
MIN RADIUS	:	.176	.277	.198
MEAN RADIUS	:	.645	.605	.548
MAX RADIUS	:	1.075	.968	.938
HORIZONTAL SPREAD	:	1.947	1.442	1.061
VERTICAL SPREAD	:	1.565	1.565	1.565
EXTREME SPREAD	:	2.042	1.760	1.760
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Mar 1993 FILE:/PATTERNING/CENTERFIRE_PATT/C6523829

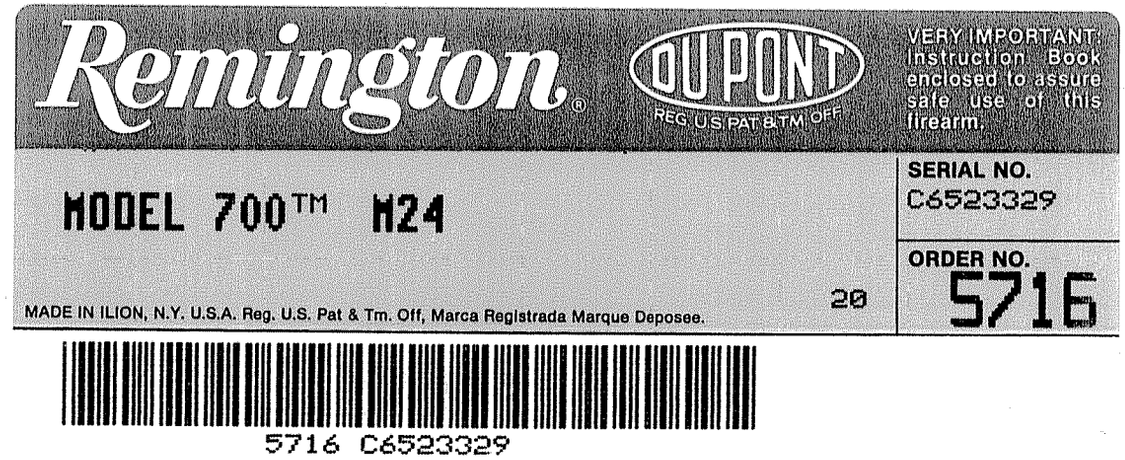
CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR	
1 in	= 3
2 in	= 5
3 in	= 8
HS=	2.316
VS=	2.431
GS=	2.747

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.252	1.249	1.008
MINIMUM X	:	-1.064	-1.067	-.911
MAXIMUM Y	:	.893	.722	.520
MINIMUM Y	:	-1.538	-.901	-.811
CENTROID X	:	-.097	-.094	-.251
CENTROID Y	:	-.209	-.038	-.128
POA TO CENTROID in.	:	.230	.102	.281
MIN RADIUS	:	.245	.410	.246
MEAN RADIUS	:	.842	.772	.639
MAX RADIUS	:	1.539	1.443	1.134
HORIZONTAL SPREAD	:	2.316	2.316	1.918
VERTICAL SPREAD	:	2.431	1.623	1.331
EXTREME SPREAD	:	2.747	2.434	1.972
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



OR

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523329

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 9	90	RW
600	Proof	10 9	90	RW
607	Check Headspace	10 9	90	RW
610	Dis-assemble Gun	10 9	90	RW
612	Magnaflux Barrel Action		10/17/90	KR
	Magnaflux Bolt		10/17/90	KR
615	Rollmark Caliber		10/17/90	GS
617	Drill and Tap Sight Holes		10/18/90	KB
618	Polish Barrel RKB		10/19/90	KB
620	Apply Coatings (Barrel Action)		11-5-90	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-29-90	

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4.0	3.75	4.0	11/29/90	KT
	G) Safety Off Force	2.50	2.50	2.75	11-29-90	KT
	H) Trigger Pull Test & Retainability				11-29-90	
	I) Firing Pin Indent	.020	.020	.020	11-29-90	KT
	J) Assemble Stock				12/5/90	RW
	K) Assemble Swivel Studs				12-6-90	
	L) Attach Front and Rear Sight Assemblies				12/5/90	RW
	M) Iron Sight Alignment				12/5/90	RW
	N) Detach Front & Rear Sights & place in numbered container				12/5/90	RW
	O) Attach Scope to Rifle				12/5/90	RW
	P) Detach & Attach Scope 20 Times				12/5/90	RW
640	Gallery Target & Test				12/5/90	KJ
	A) Time				"	KJ
	B) Malfunctions				"	KJ
	C) Pierced Primers				"	KJ
	D) Optical Clearity of Scope				"	KJ
645	Inspect for Live Ammo				12/5/90	KJ
655	Final Inspection A) Headspace				12-6-90	
	B) Trigger Pull	289	274	271	270	270	12-6-90	
	C) Function				12-6-90	
660	Pack				12/19/90	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523329
DATE 11-29-90
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.44	2.44	2.89	MIN. SETTING,
PULL #2	2.43	2.35	2.32	2.74	NO AVG. OF 5
PULL #3	2.48	2.41	2.37	2.71	READINGS ACCEPT-
PULL #4	2.39	2.46	2.45	2.70	ABLE LESS THAN 2#
PULL #5	2.44	2.45	2.42	2.70	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.23		
PULL #2	3.32	3.30		
PULL #3	3.28	3.24		
PULL #4	3.29	3.27		
PULL #5	3.28	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.29		4.25
PULL #2	4.24	4.14		4.21
PULL #3	4.23	4.24		4.16
PULL #4	4.28	4.30		4.24
PULL #5	4.22	4.27		4.26
TOTAL				
AVG.				

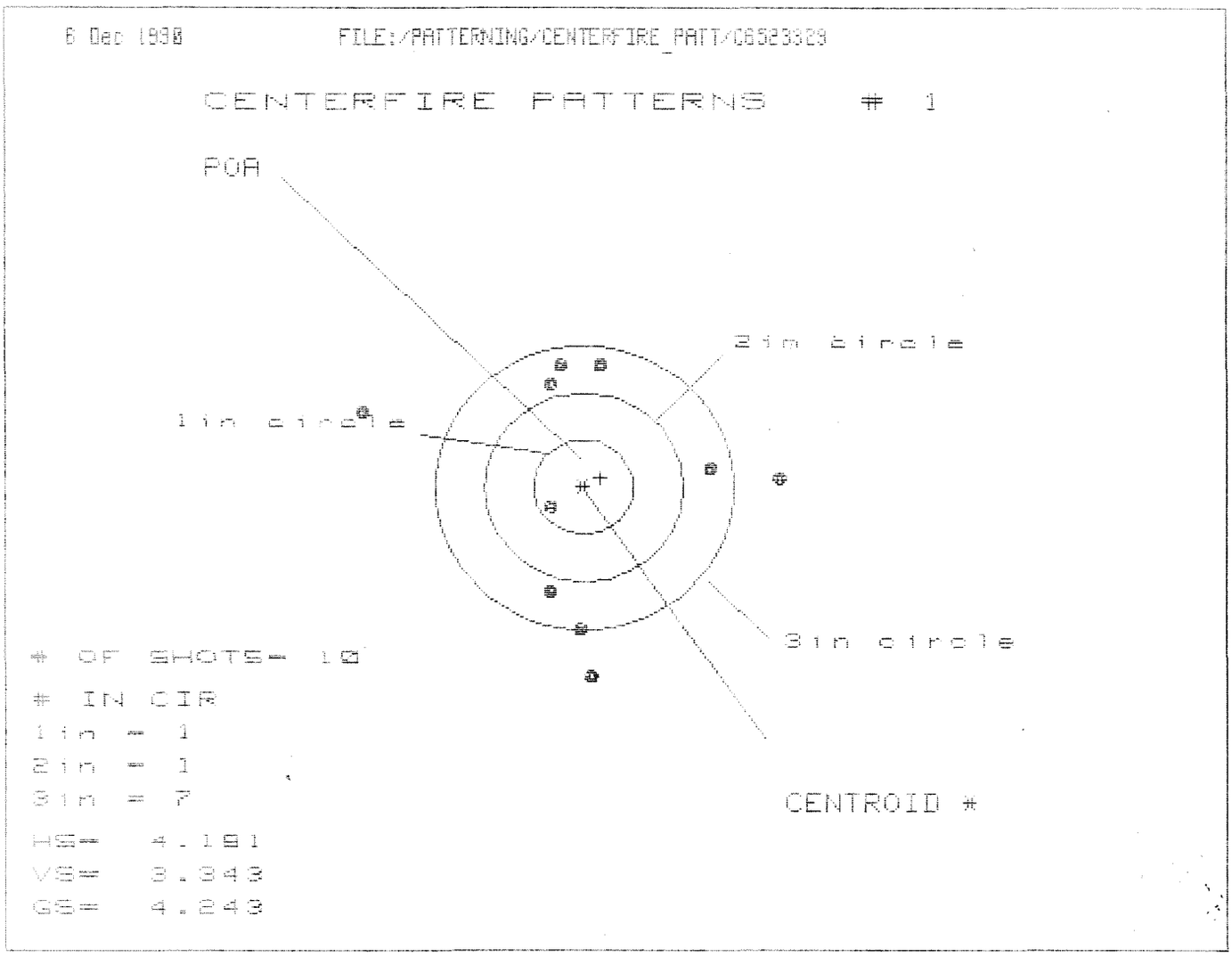
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523329
6 Dec 1990

CENTROIDAL DISTANCES

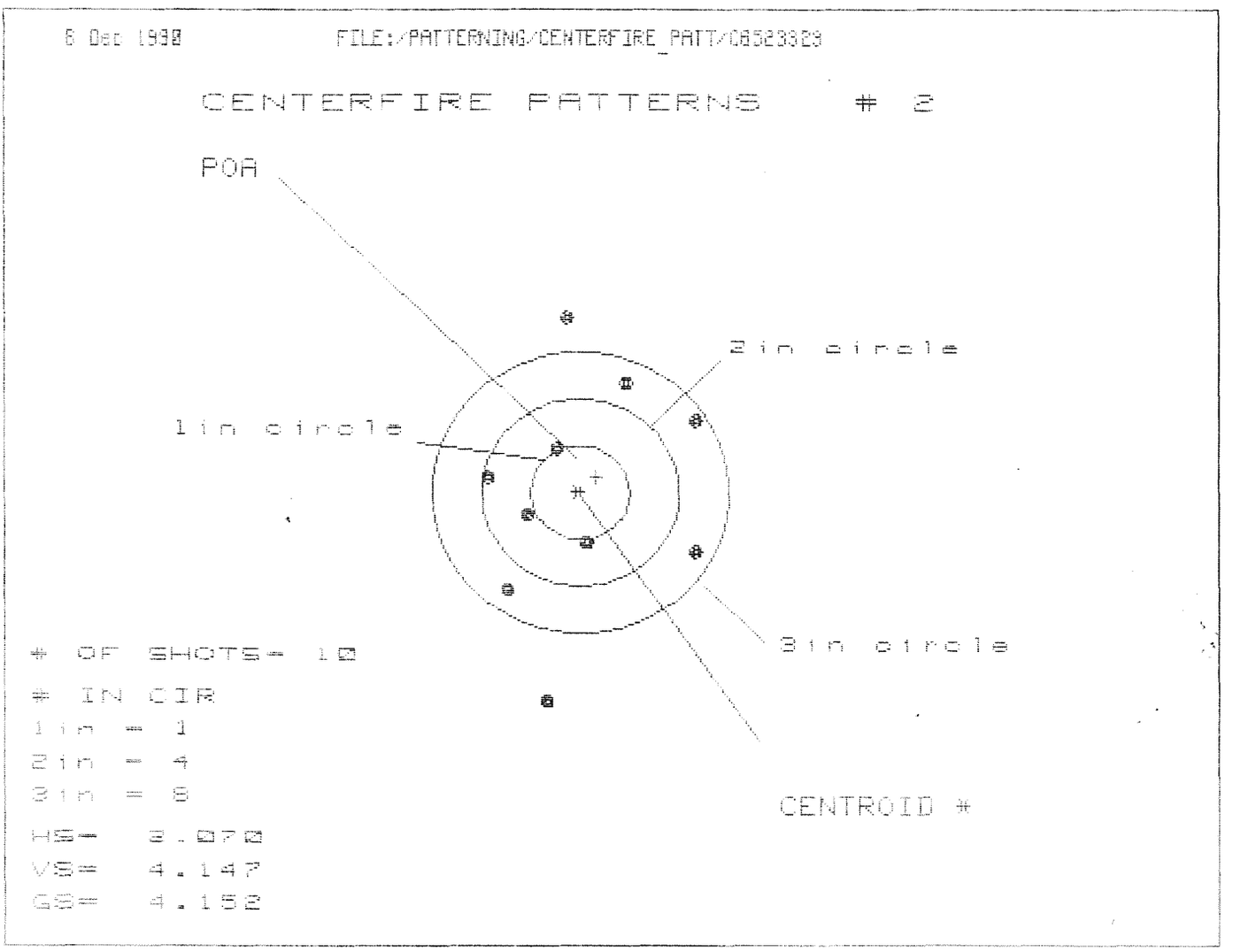
0	TO	1	.19551
1	TO	2	.0701142
1	TO	3	.160312
1	TO	4	.248928
1	TO	5	.413619

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0806
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.077
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .111465

THE AMR FOR THIS RIFLE IS: 1.297

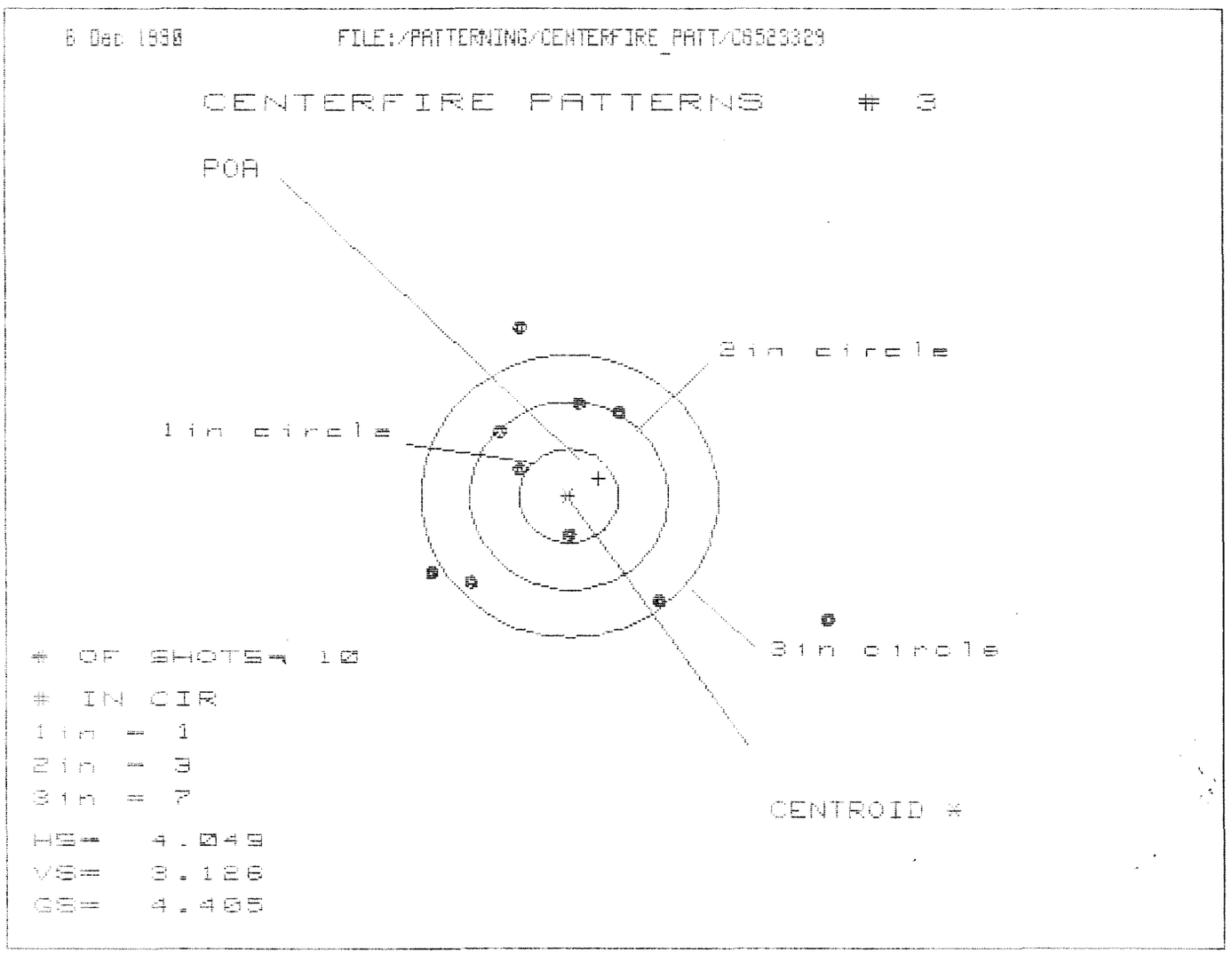


PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.966	1.720	1.695
MINIMUM X	:	-2.215	-.602	-.627
MAXIMUM Y	:	1.332	1.420	1.179
MINIMUM Y	:	-2.011	-1.923	-1.620
CENTROID X	:	-.168	.078	.103
CENTROID Y	:	-.100	-.188	.053
POA TO CENTROID in.	:	.195	.203	.115
MIN RADIUS	:	.402	.610	.713
MEAN RADIUS	:	1.440	1.342	1.245
MAX RADIUS	:	2.352	1.933	1.698
HORIZONTAL SPREAD	:	4.181	2.322	2.322
VERTICAL SPREAD	:	3.343	3.343	2.799
EXTREME SPREAD	:	4.243	3.352	2.804
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		7	

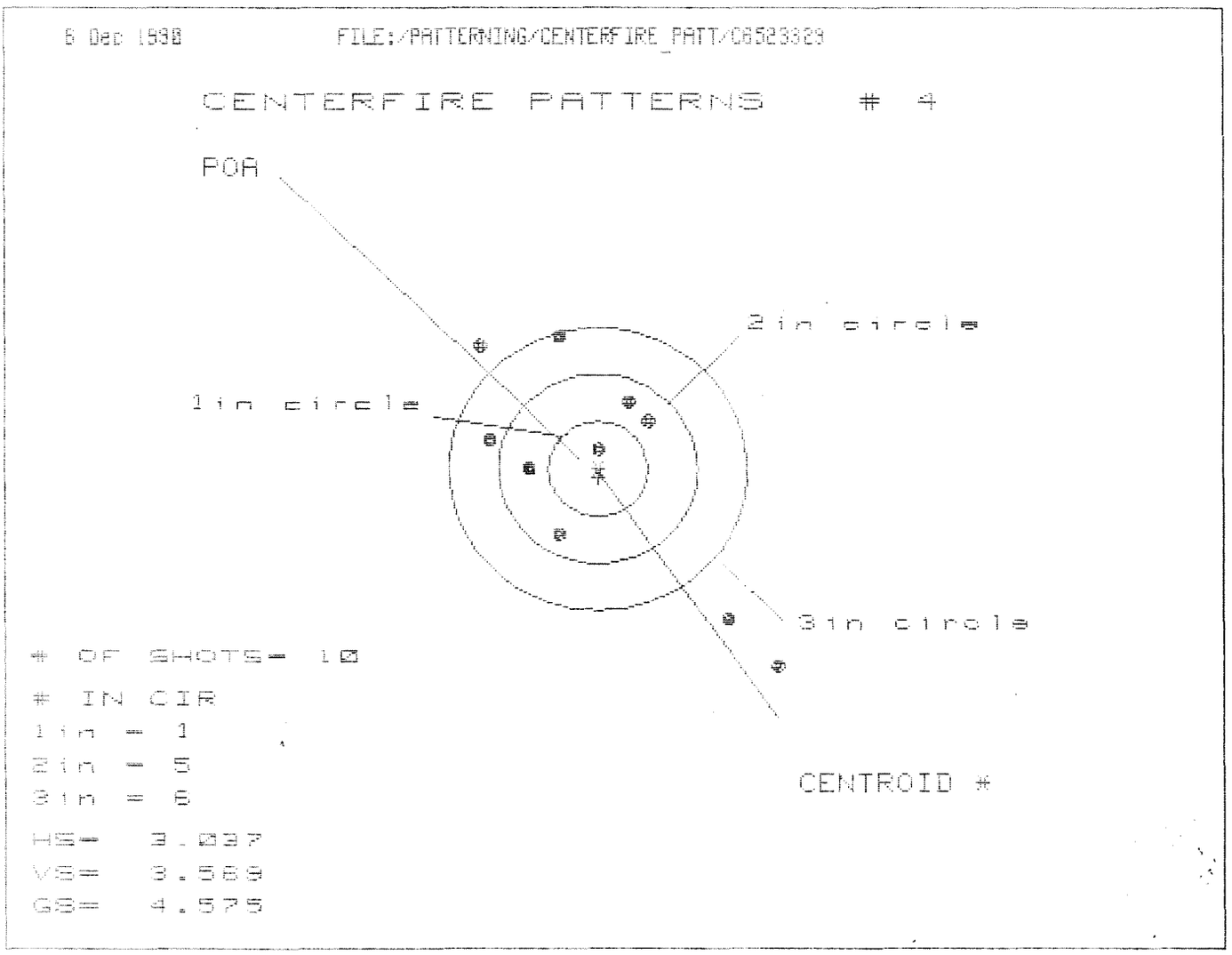


PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.121	1.089	1.073
MINIMUM X	:	-.949	-.981	-.997
MAXIMUM Y	:	1.917	1.669	1.167
MINIMUM Y	:	-2.230	-1.276	-1.067
CENTROID X	:	-.164	-.132	-.116
CENTROID Y	:	-.170	.078	-.131
POA TO CENTROID in.	:	.236	.153	.175
MIN RADIUS	:	.490	.328	.507
MEAN RADIUS	:	1.191	1.065	.973
MAX RADIUS	:	2.249	1.674	1.338
HORIZONTAL SPREAD	:	2.070	2.070	2.070
VERTICAL SPREAD	:	4.147	2.945	2.235

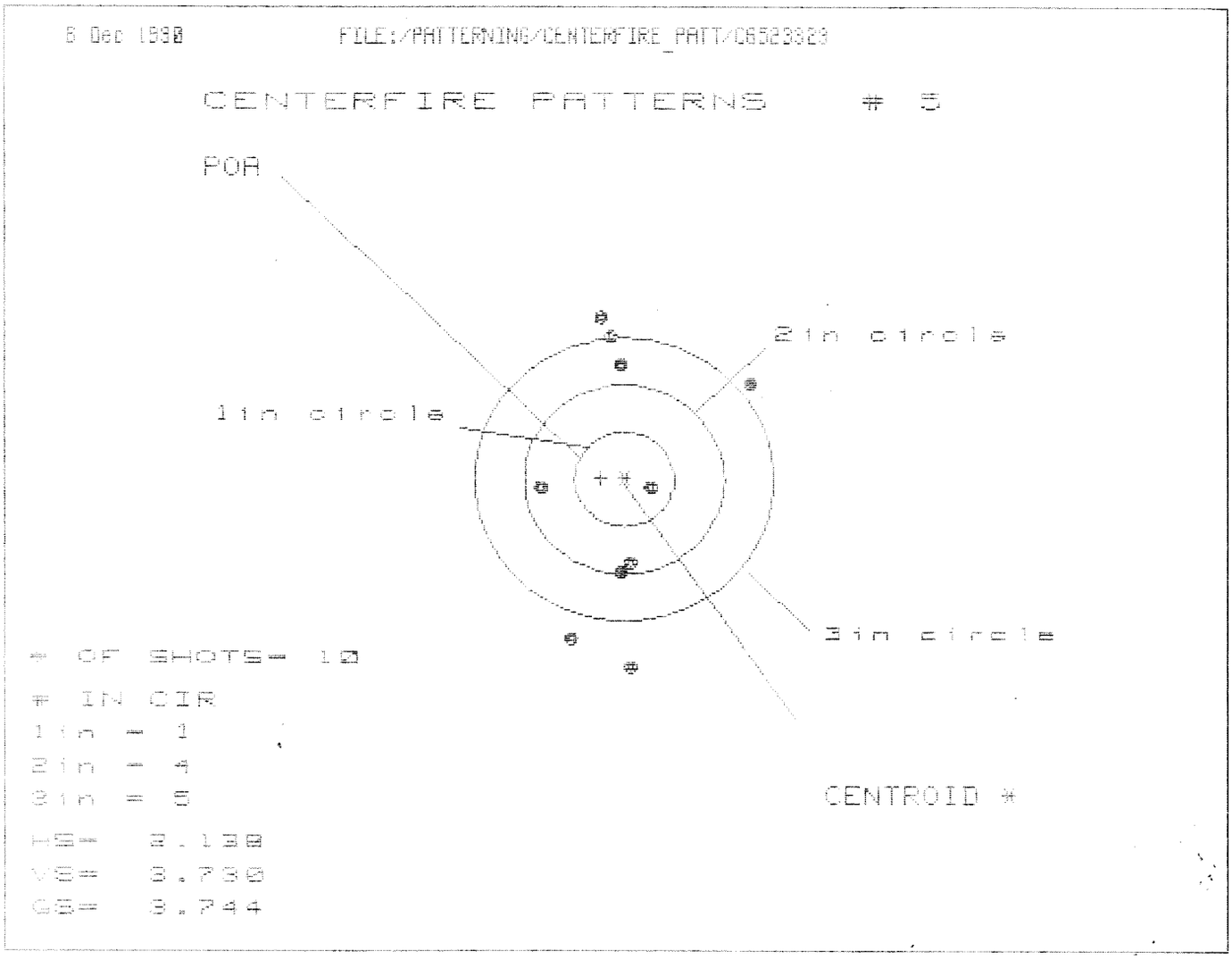
EXTREME SPREAD :	4.152	3.019	2.621
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.642	1.183	1.162
MINIMUM X	:	-1.407	-1.114	-1.135
MAXIMUM Y	:	1.776	1.626	1.055
MINIMUM Y	:	-1.350	-1.274	-1.071
CENTROID X	:	-.302	-.595	-.574
CENTROID Y	:	-.188	-.038	-.241
POA TO CENTROID in.	:	.356	.597	.623
MIN RADIUS	:	.410	.205	.359
MEAN RADIUS	:	1.322	1.077	1.014
MAX RADIUS	:	2.967	1.739	1.580
HORIZONTAL SPREAD	:	4.049	2.297	2.297
VERTICAL SPREAD	:	3.126	2.900	2.126
EXTREME SPREAD	:	4.405	3.199	2.557
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.805	1.479	.843
MINIMUM X	:	-1.232	-1.031	-.847
MAXIMUM Y	:	1.453	1.218	.984
MINIMUM Y	:	-2.116	-1.873	-1.204
CENTROID X	:	-.006	-.207	-.392
CENTROID Y	:	.089	.324	.558
POA TO CENTROID in.	:	.089	.384	.682
MIN RADIUS	:	.218	.166	.432
MEAN RADIUS	:	1.249	1.012	.835
MAX RADIUS	:	2.781	2.386	1.204
HORIZONTAL SPREAD	:	3.037	2.510	1.689
VERTICAL SPREAD	:	3.569	3.091	2.188
EXTREME SPREAD	:	4.575	3.869	2.195
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.307	1.316	1.288
MINIMUM X	:	-.831	-.822	-.850
MAXIMUM Y	:	1.748	1.527	1.514
MINIMUM Y	:	-1.982	-1.856	-1.665
CENTROID X	:	.237	.228	.256
CENTROID Y	:	-.016	.205	.014
POA TO CENTROID in.	:	.238	.306	.257
MIN RADIUS	:	.295	.410	.284
MEAN RADIUS	:	1.281	1.205	1.134
MAX RADIUS	:	1.984	1.920	1.744
HORIZONTAL SPREAD	:	2.138	2.138	2.138
VERTICAL SPREAD	:	3.730	3.383	3.179
EXTREME SPREAD	:	3.744	3.393	3.204
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		5	