C6522204

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

Repair Inquiry

Repair Number: RE00085579 | Serial: C6522204 Model M24 SWS Center Fire Caliber: 7.62 NATO | Repairman: | Status: Closed 9/28/2004 2:34:32 PM

Verify Repair

Address Information

Customer (Received From)	Return To: (Received From)
Name: C CO SPT BN 1ST SWTG A	C CO SPT BN 1ST SWTG A
Address 1: AHN ARMAMENT FACILITY	AHN ARMAMENT FACILITY
Address 2: PO Box:	PO Box:
City: FT BRAGG	FT BRAGG
State: NC Zip Code: 28310 Country: US	State: NC Zip Code: 28310 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

Repair Search | Refresh | Close

nagletj | 9/28/2004 | 2:50 PM | CAPS | NUM | INS | SCRL

start | 2 | 3 | Arms Services R... | 4

Serial Number: C6522204

Model: M24 SWS

RE00085579

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522204.__0
FILE DATE AND TIME: 10/25/2004 06:14

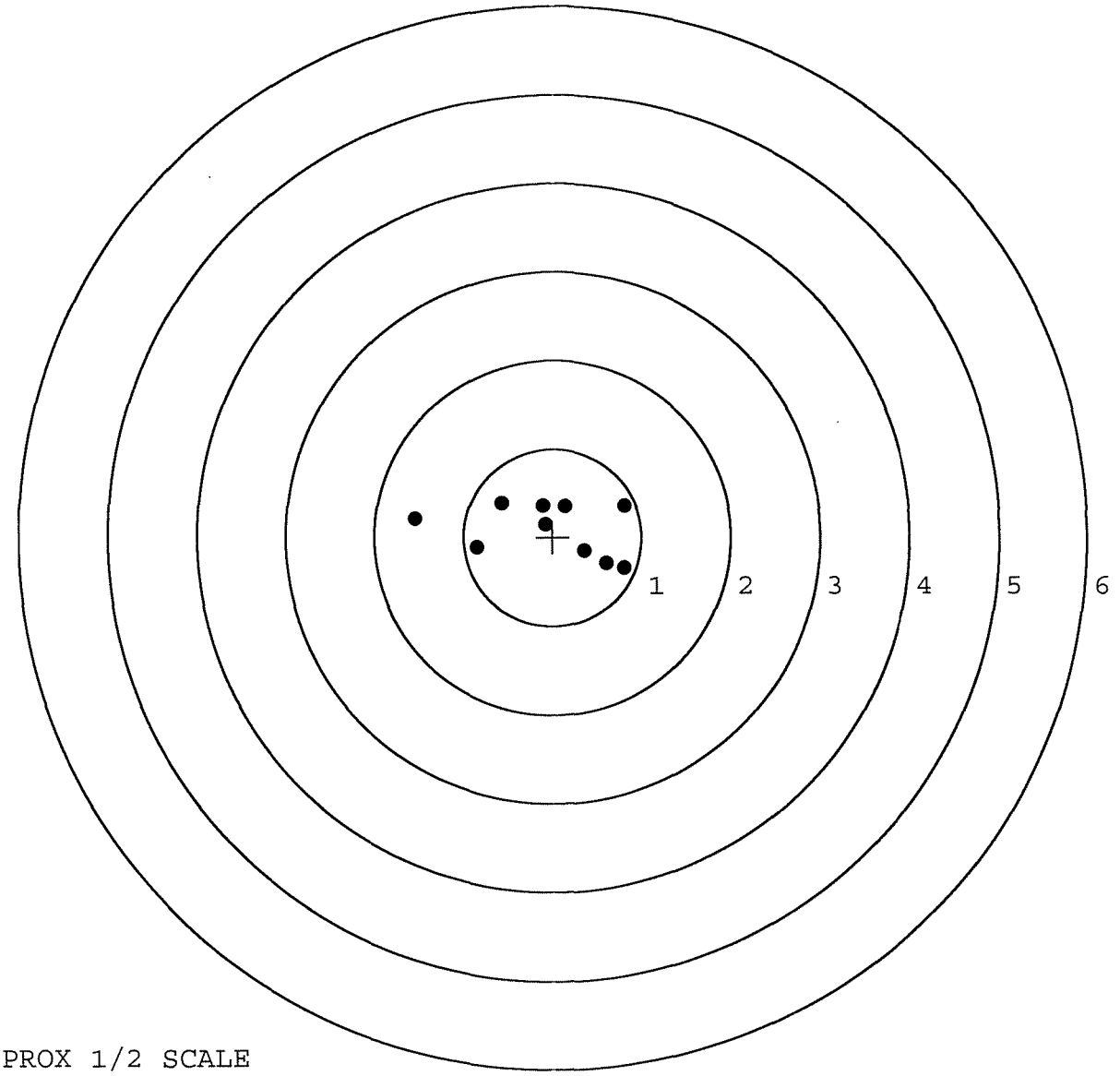
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.032
The Average Y Centroid of the Five Target Set:	-0.009
The Average Point of Impact of the Five Target Set:	0.033
The Average Mean Radius of the Five Target Set:	0.686
The Distance from POA to Centroid Target #1:	0.100
The Distance from Centroid Target #2 to Centroid Target #1:	0.057
The Distance from Centroid Target #3 to Centroid Target #1:	0.289
The Distance from Centroid Target #4 to Centroid Target #1:	0.287
The Distance from Centroid Target #5 to Centroid Target #1:	0.220

SERIAL NUMBER: C6522204.__0
TARGET NUMBER: 1
FILE DATE: 10/25/2004
FILE TIME: 06:14

X CENTROID:	-0.047
Y CENTROID:	0.088
POA TO CENTROID:	0.100
HORZ SPREAD:	2.345
VERT SPREAD:	0.734
GROUP SPREAD:	2.407
MIN RADIUS:	0.066
MAX RADIUS:	1.499
MEAN RADIUS:	0.667
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.801	-0.347
2:	0.357	-0.157
3:	0.804	0.359
4:	0.139	0.350
5:	-0.083	0.144
6:	-0.578	0.387
7:	-0.852	-0.117
8:	-1.541	0.207
9:	0.600	-0.296
10:	-0.115	0.354

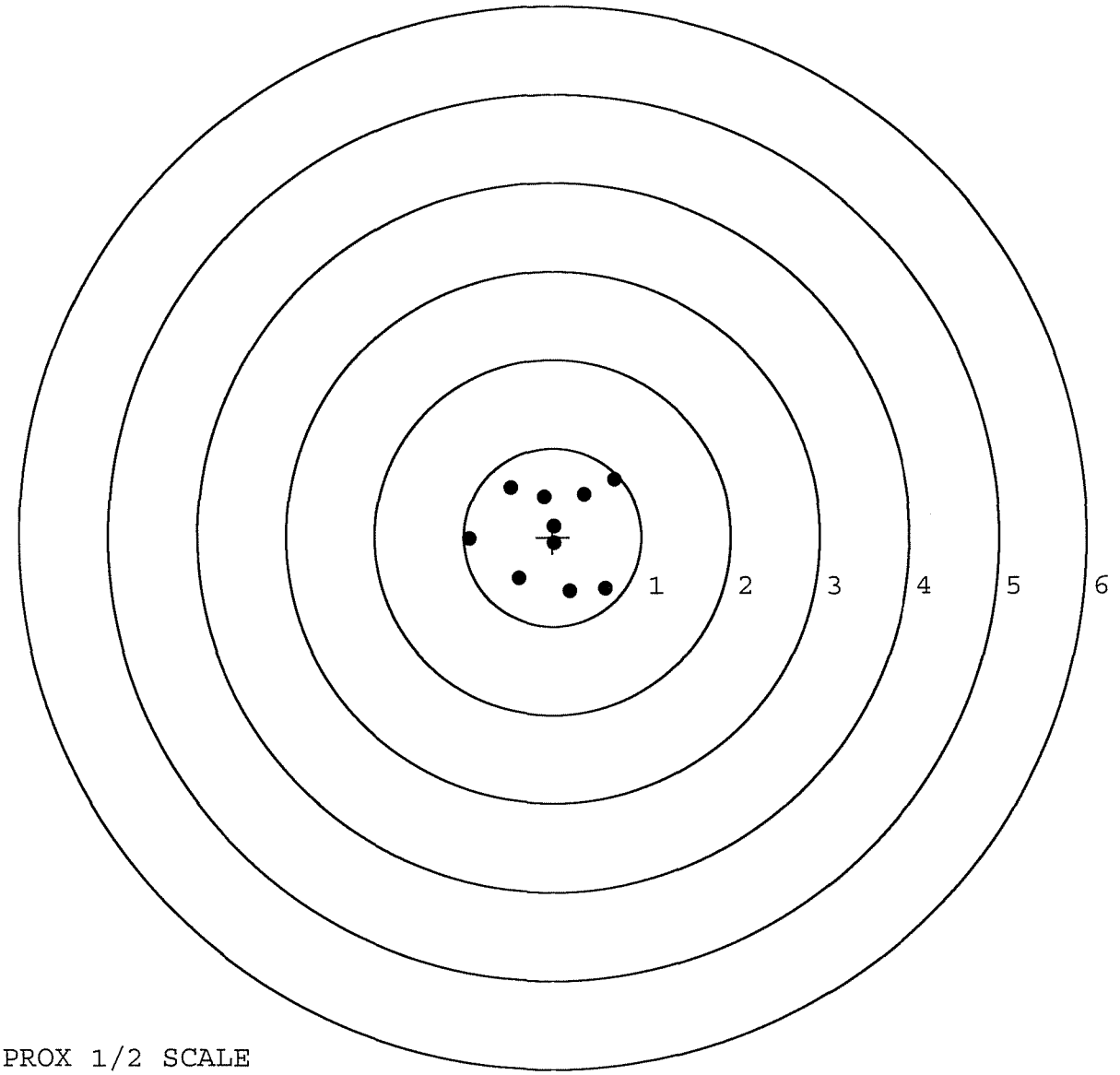


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522204.__0
TARGET NUMBER: 2
FILE DATE: 10/25/2004
FILE TIME: 06:14

X CENTROID:	-0.005
Y CENTROID:	0.049
POA TO CENTROID:	0.050
HORZ SPREAD:	1.624
VERT SPREAD:	1.255
GROUP SPREAD:	1.757
MIN RADIUS:	0.079
MAX RADIUS:	0.933
MEAN RADIUS:	0.590
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.591	-0.586
2:	0.190	-0.609
3:	-0.382	-0.467
4:	-0.935	-0.024
5:	-0.480	0.548
6:	-0.104	0.453
7:	0.350	0.474
8:	0.689	0.646
9:	0.016	0.126
10:	0.017	-0.067

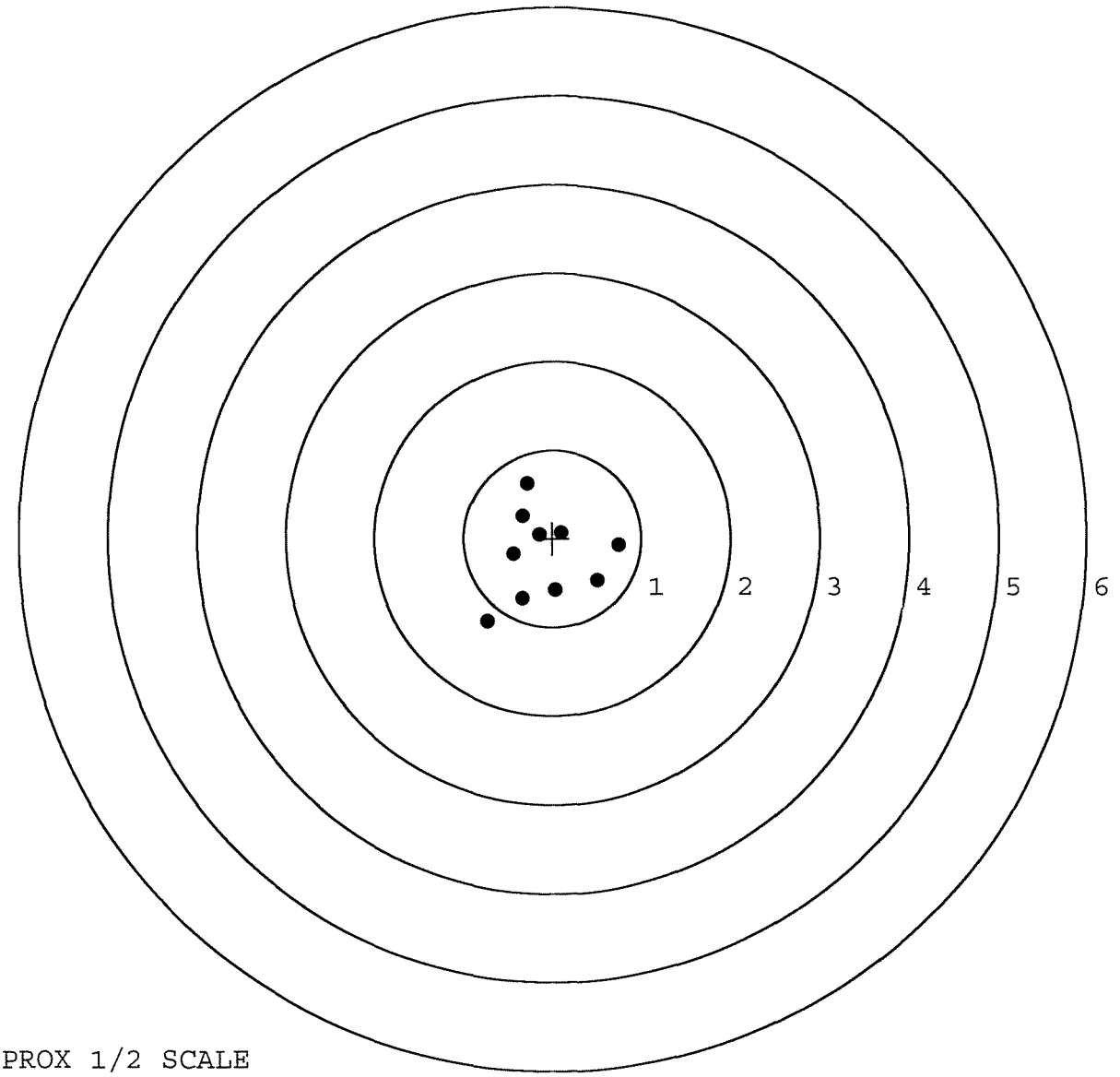


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522204.__0
TARGET NUMBER: 3
FILE DATE: 10/25/2004
FILE TIME: 06:14

X CENTROID:	-0.092
Y CENTROID:	-0.197
POA TO CENTROID:	0.217
HORZ SPREAD:	1.471
VERT SPREAD:	1.561
GROUP SPREAD:	1.704
MIN RADIUS:	0.244
MAX RADIUS:	0.977
MEAN RADIUS:	0.571
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.743	-0.078
2:	0.501	-0.479
3:	-0.728	-0.939
4:	-0.292	0.622
5:	-0.335	0.254
6:	0.095	0.062
7:	-0.442	-0.178
8:	-0.343	-0.682
9:	0.030	-0.593
10:	-0.148	0.040

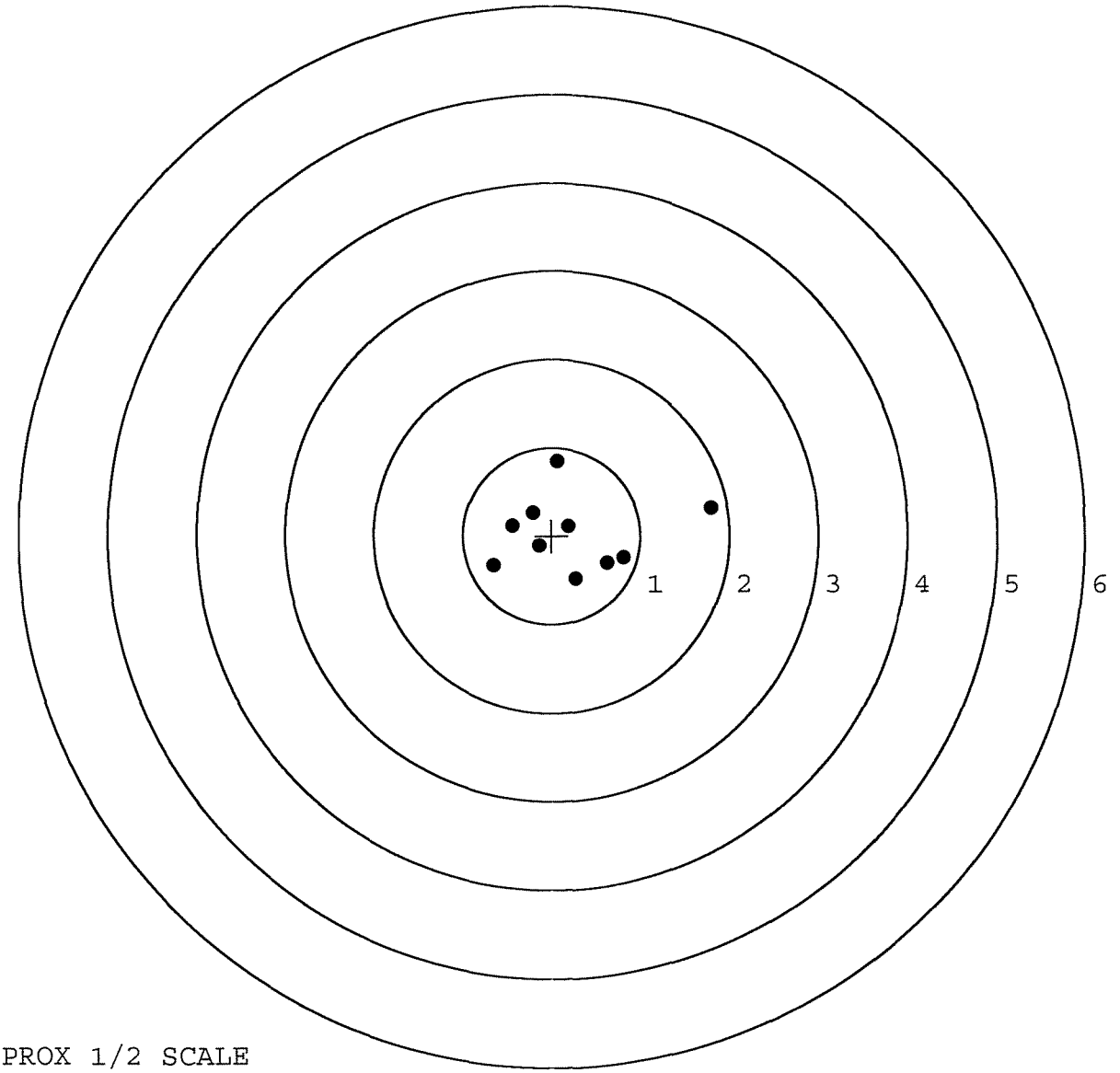


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522204.__0
TARGET NUMBER: 4
FILE DATE: 10/25/2004
FILE TIME: 06:14

X CENTROID:	0.231
Y CENTROID:	0.015
POA TO CENTROID:	0.231
HORZ SPREAD:	2.452
VERT SPREAD:	1.336
GROUP SPREAD:	2.538
MIN RADIUS:	0.099
MAX RADIUS:	1.595
MEAN RADIUS:	0.673
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.796	0.320
2:	0.811	-0.250
3:	0.623	-0.310
4:	0.272	-0.490
5:	-0.656	-0.334
6:	-0.441	0.117
7:	-0.209	0.265
8:	0.062	0.846
9:	0.192	0.107
10:	-0.144	-0.117

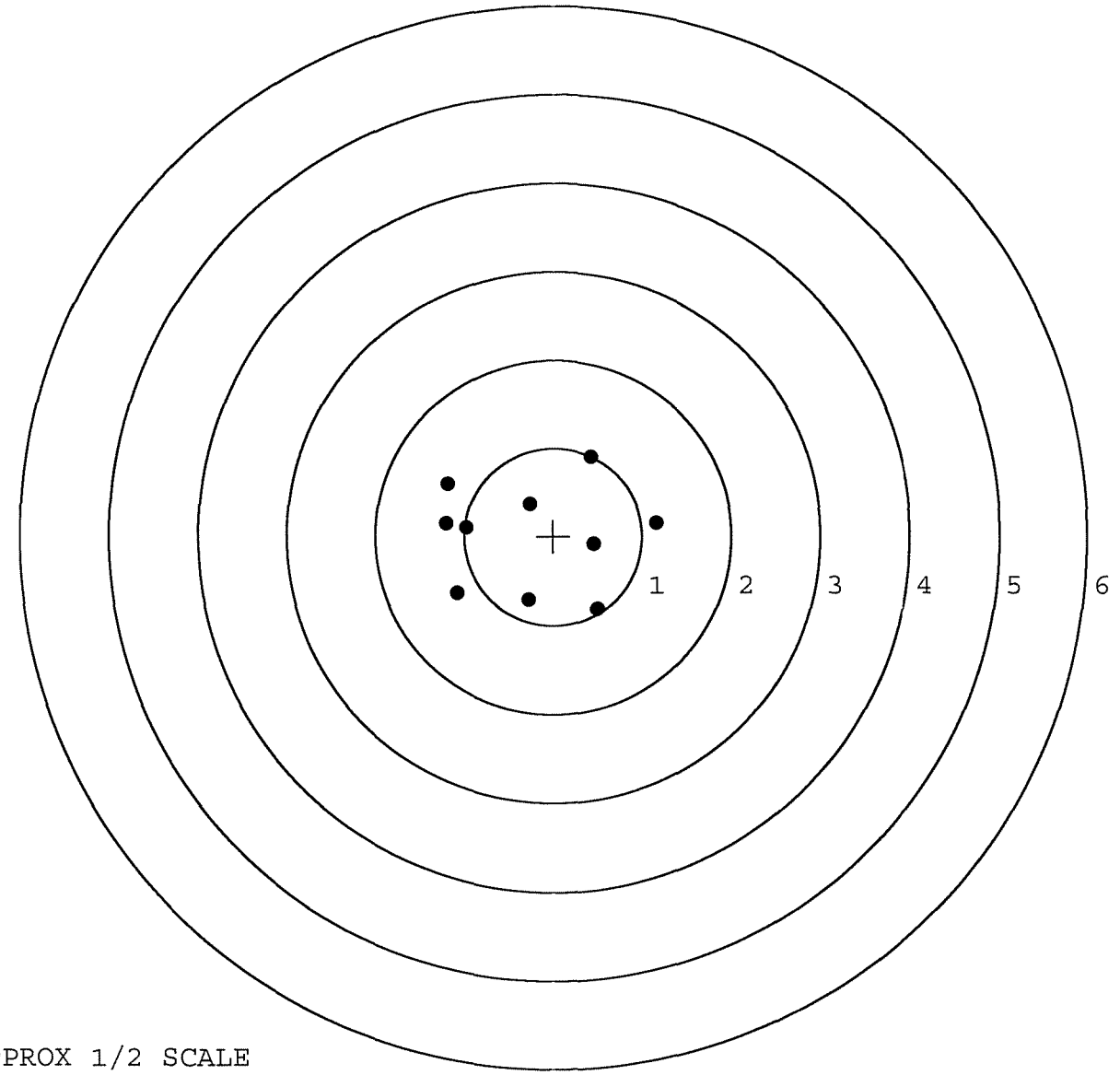


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522204.__0
TARGET NUMBER: 5
FILE DATE: 10/25/2004
FILE TIME: 06:14

X CENTROID:	-0.247
Y CENTROID:	-0.003
POA TO CENTROID:	0.247
HORZ SPREAD:	2.364
VERT SPREAD:	1.721
GROUP SPREAD:	2.392
MIN RADIUS:	0.363
MAX RADIUS:	1.416
MEAN RADIUS:	0.930
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.160	0.153
2:	0.422	0.905
3:	-0.270	0.360
4:	0.455	-0.092
5:	0.497	-0.816
6:	-0.282	-0.717
7:	-1.081	-0.646
8:	-0.977	0.098
9:	-1.204	0.140
10:	-1.192	0.589



TARGET APPROX 1/2 SCALE

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

1. ORGANIZATION	2. NOMENCLATURE AND MODEL
USAJFKSWCS, ARMAMENT FACILITY	RIFLE,SNIPER 7.62 MM / M24

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C 65222 04			10,000		20 AUG 2004	W

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE

COLUMN a – Enter TM item number.

COLUMN b – Enter the applicable condition status symbol.

COLUMN c – Enter deficiencies and shortcomings.

COLUMN d – Show corrective action for deficiency or shortcoming listed in Column c.

COLUMN e – Individual ascertaining completed corrective action initial in this column.

STATUS SYMBOLS

"X" – Indicates a deficiency in the equipment that places it in an inoperable status.

CIRCLED "X" – Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.

HORIZONTAL DASH "(-)" – Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.

DIAGONAL "(/)" – Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists.

FOR AIRCRAFT - Status symbols will be recorded in red.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE *(Person(s) performing inspection)*	8b. TIME	9a. SIGNATURE *(Maintenance Supervisor)*	9b. TIME	10. MANHOURS REQUIRED
Jean B. Heise	1039			

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
1	(-)	10,000 ROUNDS COUNT		

DA FORM 2404, APR 79 Replaces edition of 1 Jan 64, which will be used USAPPC V1.10

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

SERIAL # C 6052 2204 INSPECTED BY: RTZ

DATE REC'D: 9-28-04 DATE RET'D: 11-10-04

ITEM		ITEM	
BARREL ASSEMBLY		**STOCK ASSEMBLY**	
✓	BARREL	✓	STOCK
✓	RECEIVER	✓	SLING AWIVEL STUDS
✓	FRONT SIGHT BASE	✓	ADJUSTABLE
✓	REAR SIGHT BASE	✓	BUTT PLATE
✓	SCREWS	✓	LOCK NUTS
✓	FINISH	✓	BARREL CLEARANCE
		✓	COLOR / FINISH
SCOPE ASSEMBLY		**SYSTEMS CASE**	
	SCOPE		SCOPE CASE
	SCOPE RINGS		IRON SIGHTS
	MOUNTING SCREWS		DEPLOYMENT KIT
	MOUNTING BASE		
	SCREWS		
	FINISH	**TRIGGER ASSEMBLY**	
	CLARITY	✓	SAFETY OPERATION
		✓	RE-SET TO FACTORY SPECS

COMMENTS:

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

R & E NUMBER	85579		
SERIAL NUMBER	C6522204		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-29-04	RTL
560 A	RE-BARREL	10-6-04	AC
B	DRILL AND TAP	10-8-04	TRW
575	ASSEMBLE	10-6-04	RTL
600	PROOF	10-7-04	RTL
605	CHECK HEADSPACE	10-7-04	RTL
610	DIS-ASSEMBLE GUN	10-7-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10-11-04	SB/CW
618	ROTO-BLAST	10-11-04	LB
620	APPLY COATINGS	10/19/04	HP
625 A	FINAL ASSEMBLY	10-21-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-25-04	AC
655	FINAL INSPECT	10-26-04	RTL
660	PACK	11-5-04	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™ M24

SERIAL NO. C6522204

ORDER NO. 5716

01

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

5716 C6522204

UPC

0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522204
11 Sep 1990

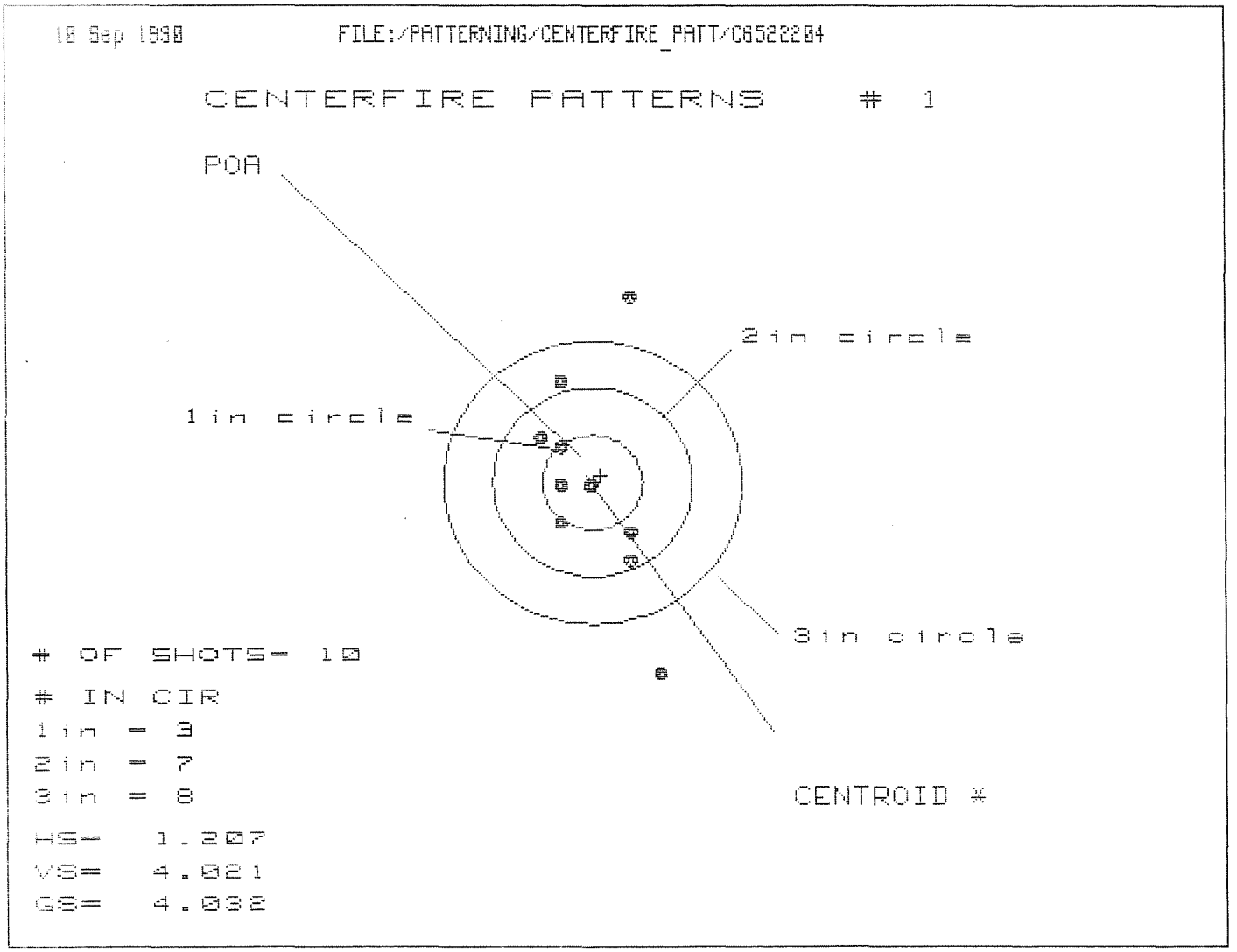
CENTROIDAL DISTANCES

0	TO	1	.106832
1	TO	2	.0816149
1	TO	3	.185691
1	TO	4	.126115
1	TO	5	.396093

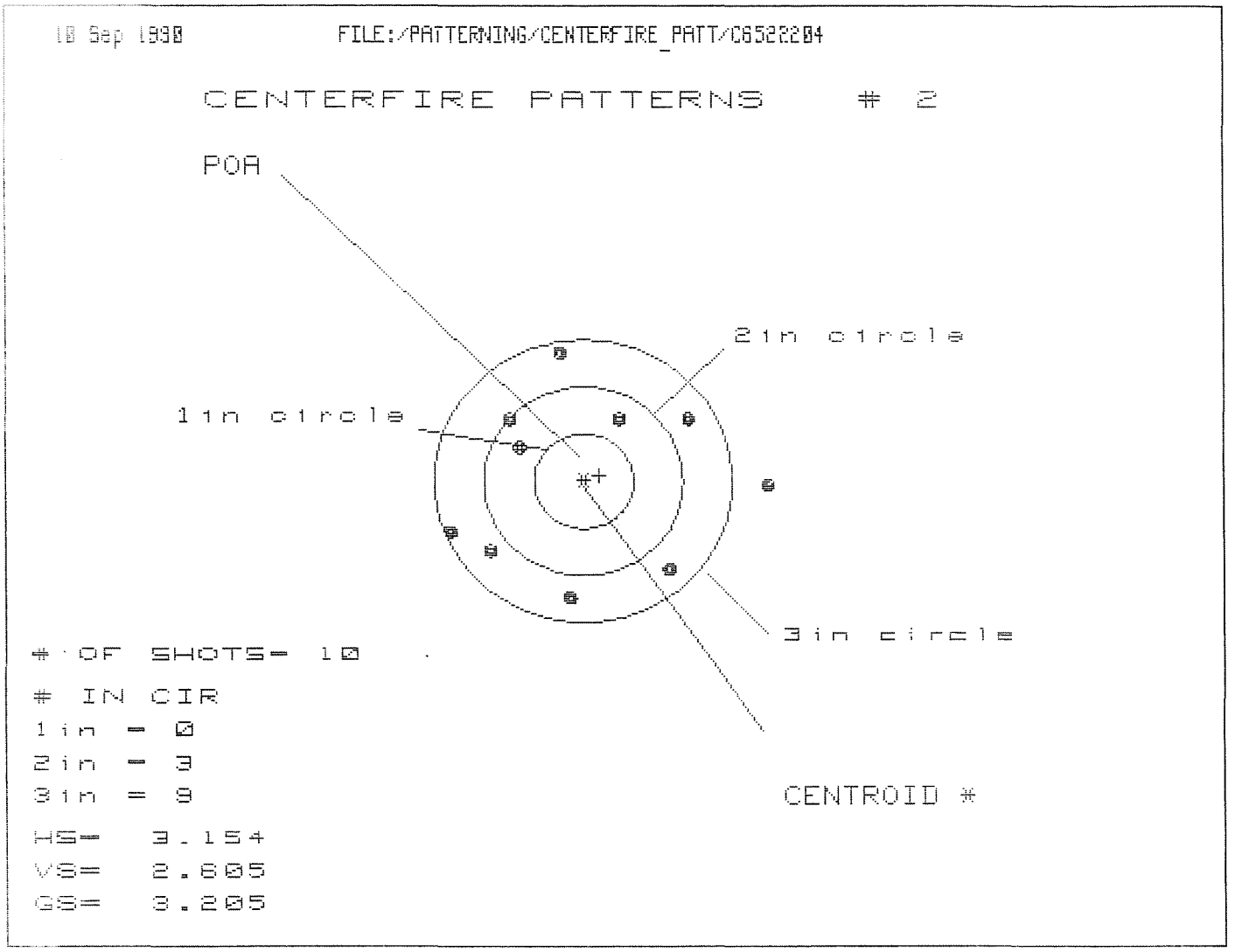
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.226
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1116
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .252053

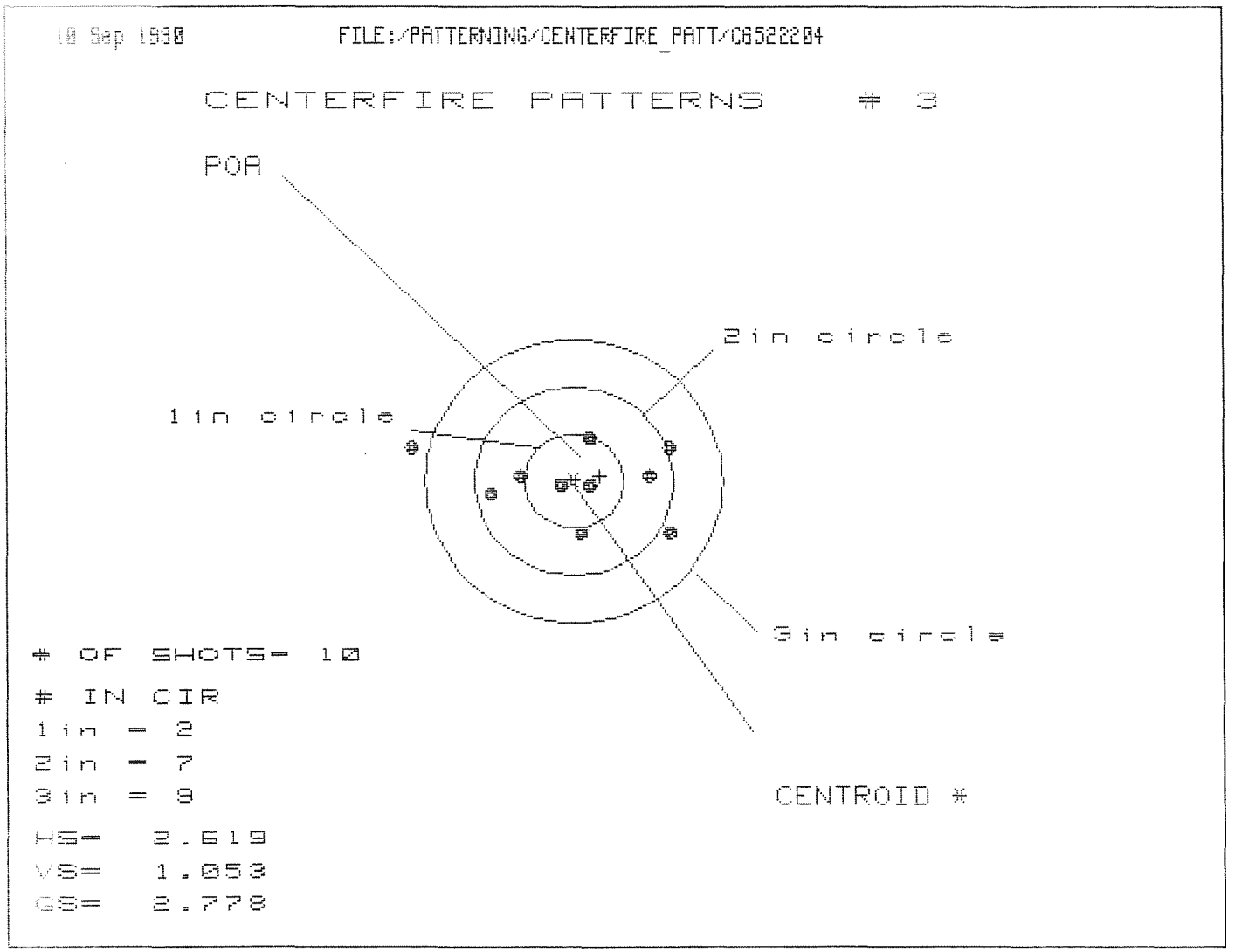
THE AMR FOR THIS RIFLE IS: 1.021



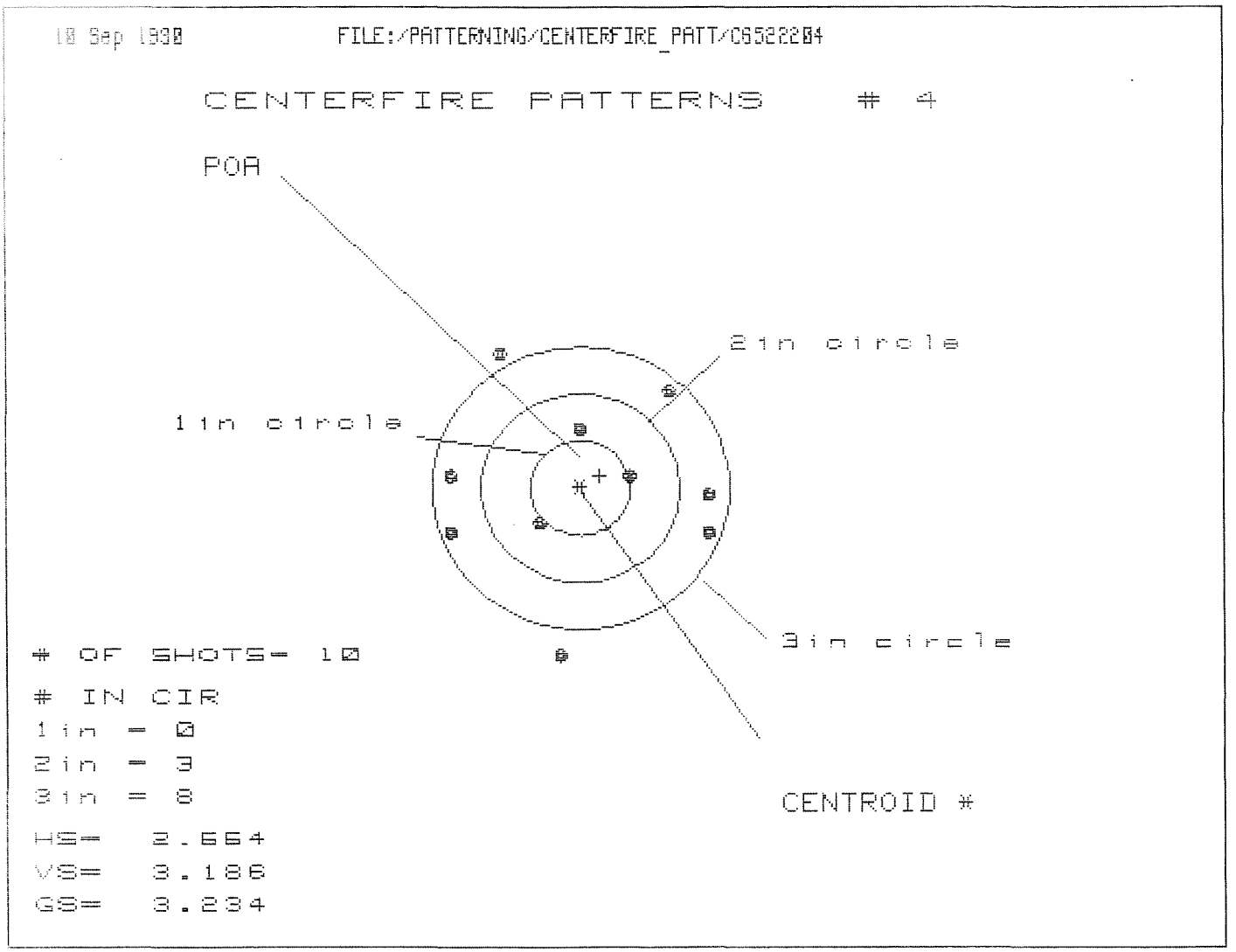
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.681	.465	.523
MINIMUM X	:	-.526	-.450	-.392
MAXIMUM Y	:	2.011	1.788	1.050
MINIMUM Y	:	-2.010	-1.073	-.850
CENTROID X	:	-.078	-.154	-.212
CENTROID Y	:	-.073	.150	-.073
POA TO CENTROID in.	:	.107	.215	.224
MIN RADIUS	:	.038	.219	.097
MEAN RADIUS	:	.882	.747	.557
MAX RADIUS	:	2.122	1.847	1.074
HORIZONTAL SPREAD	:	1.207	.915	.915
VERTICAL SPREAD	:	4.021	2.861	1.900
EXTREME SPREAD	:	4.032	2.862	2.022
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	



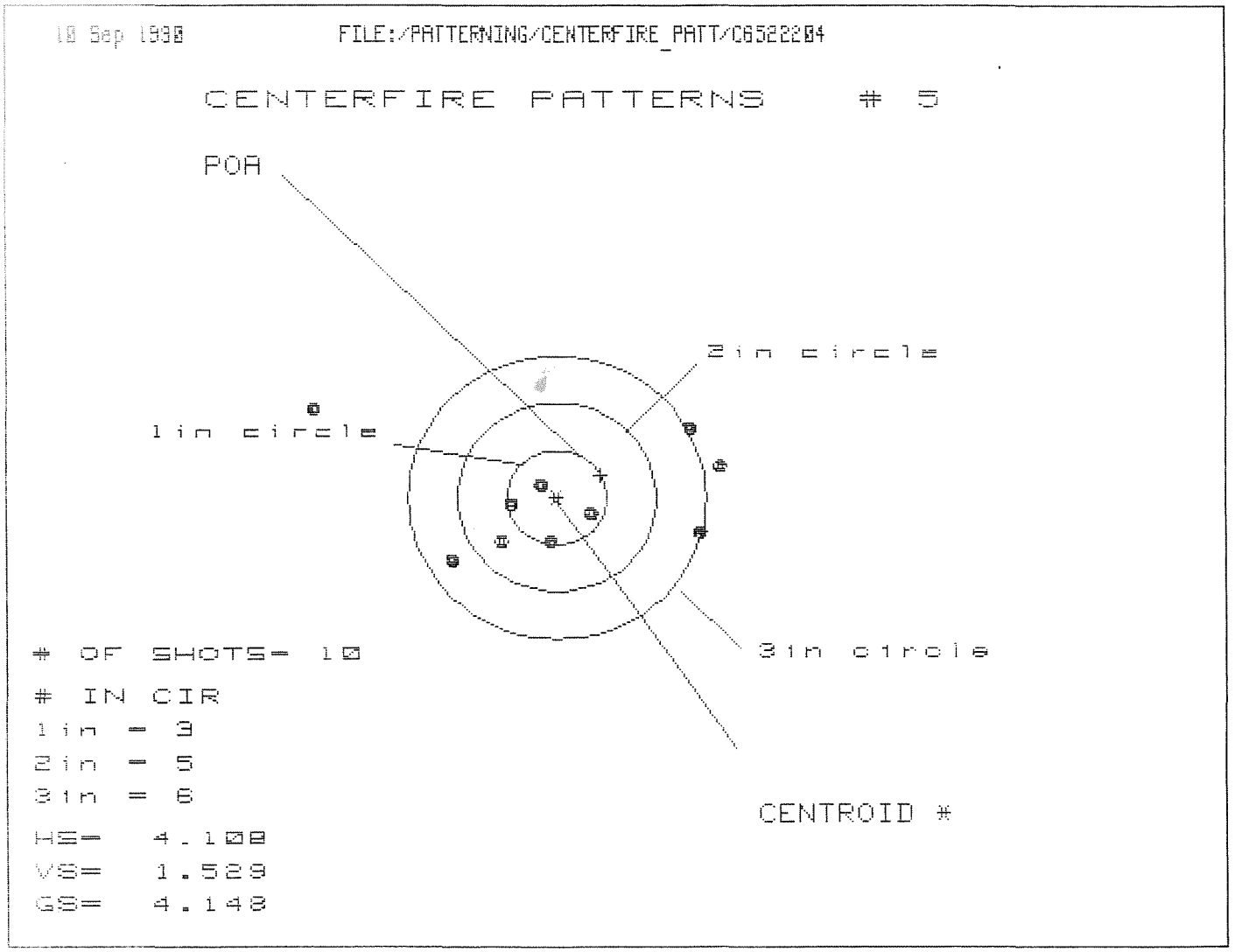
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.822	1.277	1.136
MINIMUM X	:	-1.333	-1.130	-.895
MAXIMUM Y	:	1.321	1.322	1.252
MINIMUM Y	:	-1.284	-1.283	-1.353
CENTROID X	:	-.159	-.361	-.220
CENTROID Y	:	-.063	-.064	.006
POA TO CENTROID in.	:	.170	.367	.220
MIN RADIUS	:	.734	.568	.648
MEAN RADIUS	:	1.214	1.119	1.095
MAX RADIUS	:	1.822	1.430	1.383
HORIZONTAL SPREAD	:	3.154	2.407	2.031
VERTICAL SPREAD	:	2.605	2.605	2.605
EXTREME SPREAD	:	3.205	2.678	2.607
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.998	.817	.902
MINIMUM X	:	-1.621	-1.014	-.912
MAXIMUM Y	:	.493	.533	.468
MINIMUM Y	:	-.560	-.520	-.533
CENTROID X	:	-.263	-.082	-.184
CENTROID Y	:	-.057	-.097	-.032
POA TO CENTROID in.	:	.269	.128	.187
MIN RADIUS	:	.112	.072	.102
MEAN RADIUS	:	.728	.618	.561
MAX RADIUS	:	1.662	1.017	.953
HORIZONTAL SPREAD	:	2.619	1.831	1.814
VERTICAL SPREAD	:	1.053	1.053	1.002
EXTREME SPREAD	:	2.778	1.884	1.869
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.322	1.299	1.200
MINIMUM X	:	-1.342	-1.365	-1.464
MAXIMUM Y	:	1.383	1.183	1.011
MINIMUM Y	:	-1.803	-.717	-.569
CENTROID X	:	-.191	-.168	-.069
CENTROID Y	:	-.129	.071	-.077
POA TO CENTROID in.	:	.231	.182	.103
MIN RADIUS	:	.544	.380	.411
MEAN RADIUS	:	1.190	1.097	1.047
MAX RADIUS	:	1.815	1.492	1.525
HORIZONTAL SPREAD	:	2.664	2.664	2.664
VERTICAL SPREAD	:	3.186	1.900	1.580
EXTREME SPREAD	:	3.234	2.825	2.731
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN # : 5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.639	1.364	1.369
MINIMUM X	-2.469	-1.358	-1.187
MAXIMUM Y	.887	.875	.926
MINIMUM Y	-.642	-.544	-.493
CENTROID X	-.439	-.164	-.335
CENTROID Y	-.236	-.334	-.385
POA TO CENTROID in.	.498	.372	.511
MIN RADIUS	.206	.087	.235
MEAN RADIUS	1.090	.916	.816
MAX RADIUS	2.624	1.463	1.568
HORIZONTAL SPREAD	4.108	2.722	2.556
VERTICAL SPREAD	1.529	1.419	1.419
EXTREME SPREAD	4.148	2.884	2.833

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 6

SWS TRIGGER PULL TEST

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

SERIAL NO. C 6527204
DATE 9/7/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.34	2.48	2.25	MIN. SETTING,
PULL #2	2.23	2.23	2.32	2.31	NO AVG. OF 5
PULL #3	2.43	2.49	2.37	2.30	READINGS ACCEPT-
PULL #4	2.39	2.48	2.36	2.20	ABLE LESS THAN 2#
PULL #5	2.28	2.51	2.39	2.27	
TOTAL	11.56	12.05	11.92	11.33	
AVG.	2.31	2.41	2.38	2.266	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.35		
PULL #2	3.27	3.33		
PULL #3	3.16	3.31		
PULL #4	3.20	3.46		
PULL #5	3.30	3.55		
TOTAL	16.16	17.00		
AVG.	3.23	3.40		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.10		4.04
PULL #2	4.18	4.22		3.95
PULL #3	4.06	4.36		3.95
PULL #4	4.25	4.38		4.00
PULL #5	4.24	4.39		4.00
TOTAL	20.85	21.45		19.94
AVG.	4.17	4.29		3.99

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522204

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8/1/90	KS
600	Proof		8/1/90	KS
607	Check Headspace		8/1/90	KS
610	Dis-assemble Gun		8/1/90	KS
612	Magnaflux Barrel Action		8/6/90	KR
	Magnaflux Bolt		8/6/90	KR
615	Rollmark Caliber		8/6/90	GS
617	Drill and Tap Sight Holes		8/10/90	RB
618	Polish Barrel RB		8/14/90	WB
620	Apply Coatings (Barrel Action)		8-22-90	TS
	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		9/7/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/7/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			9/7/90	WB
	H) Trigger Pull Test & Retainability						9/7/90	WB
	I) Firing Pin Indent	.025	.024	.024			9/7/90	WB
	J) Assemble Stock						9/8/90	KS
	K) Assemble Swivel Studs						9/15/90	KS
	L) Attach Front and Rear Sight Assemblies						9/8/90	KS
	M) Iron Sight Alignment						9/8/90	KS
	N) Detach Front & Rear Sights & place in numbered container						9/8/90	KS
	O) Attach Scope to Rifle						9/8/90	KS
	P) Detach & Attach Scope 20 Times						9/8/90	KS
640	Gallery Target & Test						9/10/90	KS
	A) Time						9/10/90	KS
	B) Malfunctions						9/10/90	KS
	C) Pierced Primers						9/10/90	KS
	D) Optical Clearity of Scope						9/10/90	KS
645	Inspect for Live Ammo						9/10/90	KS
655	Final Inspection A) Headspace						9/15/90	KS
	B) Trigger Pull	2.25	2.31	2.30	2.20	2.27	9-14-90	KS
	C) Function						9/15/90	KS
660	Pack						9/19/90	KS