G6300580
Replace
C.6225401

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: RE00071846
Verify Repair | High Priority

Serial: C6225401 Model 700 Center Fire Caliber: 7 62 NATO M/24 SWS

Repairman:

Status: New 10/22/2003 2:22:17 PM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	MICHAEL FRIEND		MICHAEL FRIEND
Address 1:	POB 3 75TH RANGER		POB 3 75TH RANGER
Address 2:	82 AIRB DIV RD BLDG 2459 PO Box:		82 AIRB DIV RD BLDG 2459 PO Box:
City:	FORT BENNING		FORT BENNING
State: / Zip Code: / Country:	GA / 31905 / US	State: / Zip Code: / Country:	GA / 31905 / US

FFL:

Contact / Condition | Problems | Estimate | History / Status | Shipping / Billing

Contact Information

Phone: 706 545 3545
Fax:
Email:
Comments:

Received Condition

Good
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
C000	FRT AND REAR BASE	1

Repair Search | Refresh | Close

nagletj | 10/22/2003 | 2:40 PM | CAPS | NUM | INS | SCRL

Start | Inbox - Microsoft... | Calendar - Micro... | Arms Services R... | 2:40 PM

C6300580 New

Serial Number: C6225401

Model: 700

RE00071846

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300580.__0
FILE DATE AND TIME: 11/18/2003 07:25

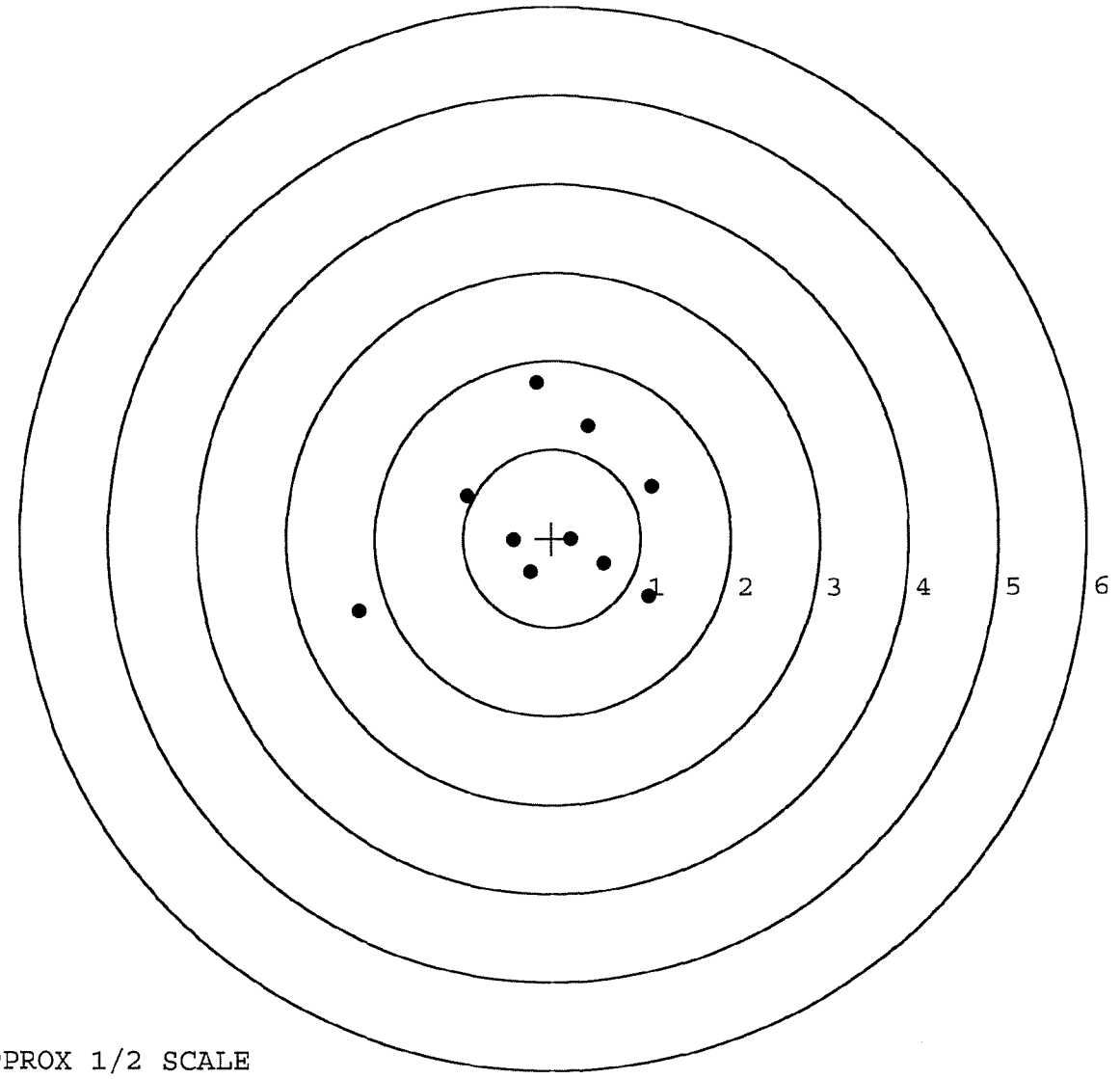
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.029
The Average Y Centroid of the Five Target Set:	0.006
The Average Point of Impact of the Five Target Set:	0.030
The Average Mean Radius of the Five Target Set:	0.690
The Distance from POA to Centroid Target #1:	0.200
The Distance from Centroid Target #2 to Centroid Target #1:	0.119
The Distance from Centroid Target #3 to Centroid Target #1:	0.224
The Distance from Centroid Target #4 to Centroid Target #1:	0.375
The Distance from Centroid Target #5 to Centroid Target #1:	0.275

SERIAL NUMBER: G6300580.__0
TARGET NUMBER: 1
FILE DATE: 11/18/2003
FILE TIME: 07:25

X CENTROID:	-0.058
Y CENTROID:	0.191
POA TO CENTROID:	0.200
HORZ SPREAD:	3.302
VERT SPREAD:	2.563
GROUP SPREAD:	3.585
MIN RADIUS:	0.340
MAX RADIUS:	2.350
MEAN RADIUS:	1.085
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.177	1.749
2:	-0.955	0.484
3:	-2.183	-0.814
4:	0.407	1.263
5:	-0.429	-0.019
6:	-0.245	-0.384
7:	0.214	-0.012
8:	1.119	0.583
9:	0.583	-0.281
10:	1.082	-0.657

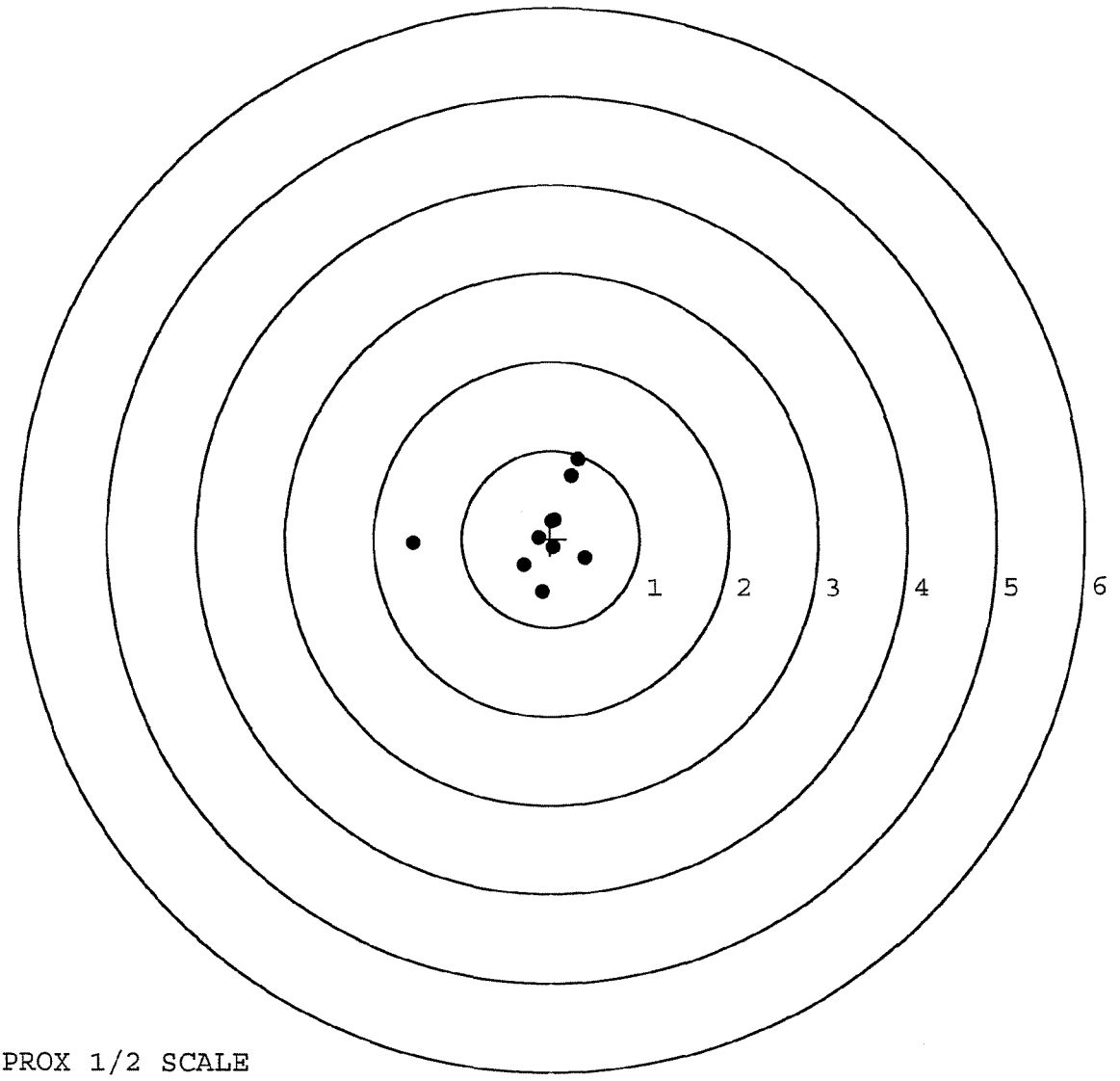


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300580.__0
TARGET NUMBER: 2
FILE DATE: 11/18/2003
FILE TIME: 07:25

X CENTROID:	-0.105
Y CENTROID:	0.082
POA TO CENTROID:	0.133
HORZ SPREAD:	1.939
VERT SPREAD:	1.510
GROUP SPREAD:	2.082
MIN RADIUS:	0.072
MAX RADIUS:	1.450
MEAN RADIUS:	0.545
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.551	-0.034
2:	-0.095	-0.606
3:	0.388	-0.208
4:	0.308	0.904
5:	0.239	0.718
6:	-0.136	0.017
7:	-0.301	-0.297
8:	0.015	0.203
9:	0.033	-0.096
10:	0.048	0.217

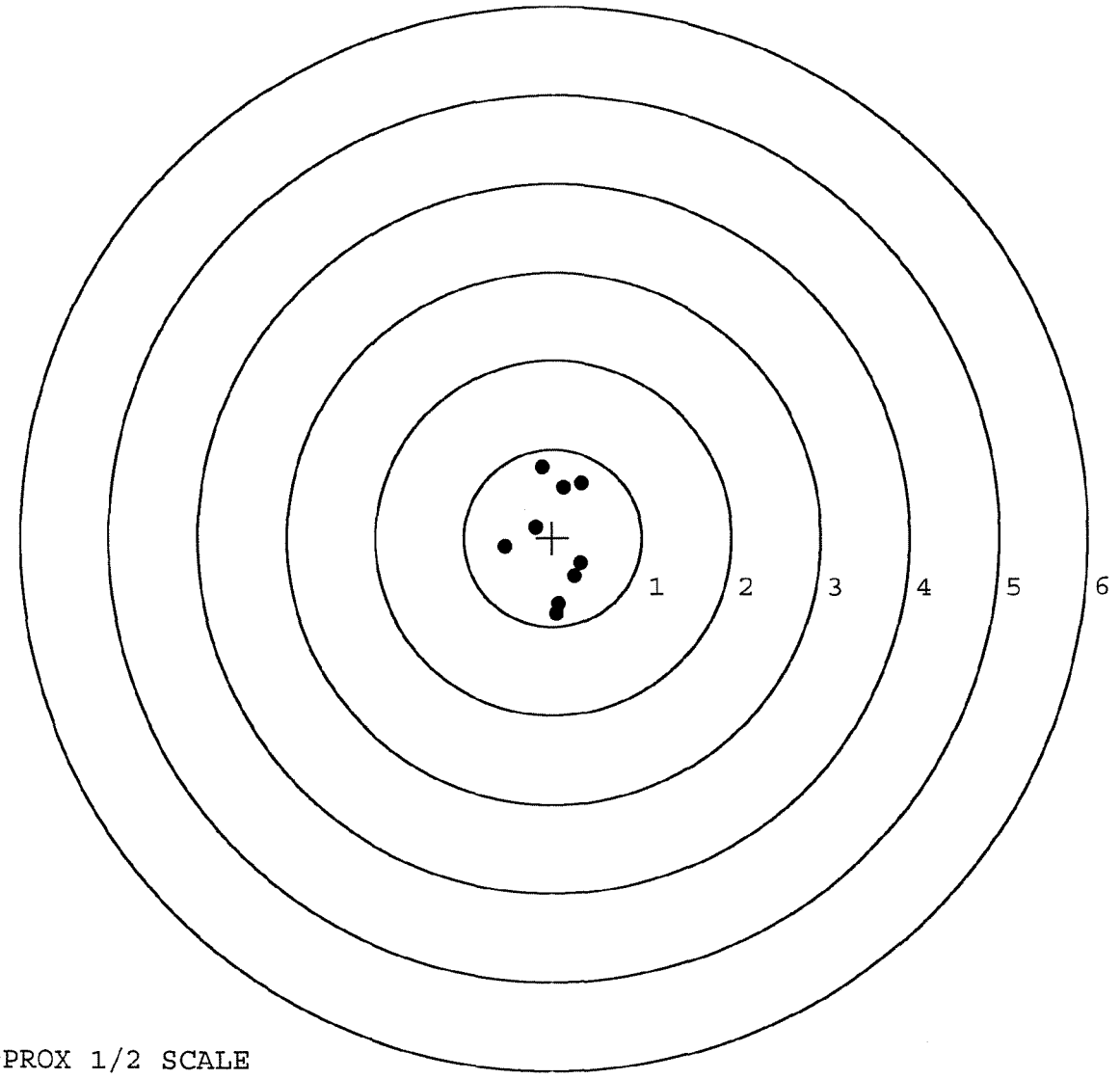


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300580.__0
TARGET NUMBER: 3
FILE DATE: 11/18/2003
FILE TIME: 07:25

X CENTROID:	0.009
Y CENTROID:	-0.022
POA TO CENTROID:	0.024
HORZ SPREAD:	0.865
VERT SPREAD:	1.660
GROUP SPREAD:	1.668
MIN RADIUS:	0.242
MAX RADIUS:	0.843
MEAN RADIUS:	0.565
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.125	0.795
2:	0.325	0.615
3:	0.122	0.573
4:	-0.187	0.124
5:	-0.540	-0.104
6:	0.317	-0.289
7:	0.040	-0.865
8:	0.073	-0.750
9:	0.252	-0.435
10:	-0.191	0.115

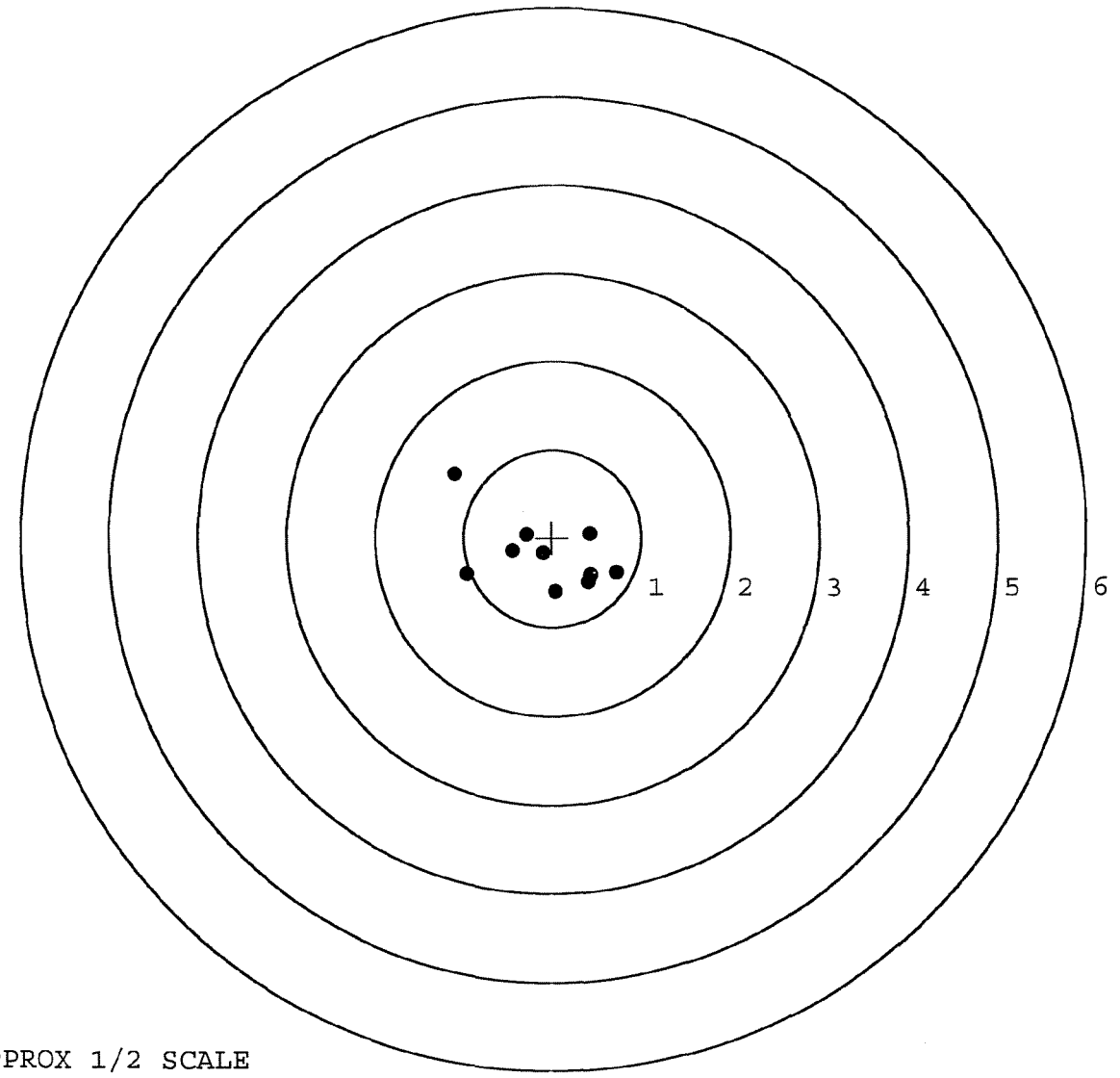


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300580.__0
TARGET NUMBER: 4
FILE DATE: 11/18/2003
FILE TIME: 07:25

X CENTROID:	-0.088
Y CENTROID:	-0.183
POA TO CENTROID:	0.203
HORZ SPREAD:	1.828
VERT SPREAD:	1.345
GROUP SPREAD:	2.144
MIN RADIUS:	0.015
MAX RADIUS:	1.368
MEAN RADIUS:	0.596
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.427	0.047
2:	0.724	-0.387
3:	0.410	-0.498
4:	0.434	-0.416
5:	0.036	-0.612
6:	-0.963	-0.409
7:	-1.104	0.733
8:	-0.101	-0.176
9:	-0.290	0.037
10:	-0.453	-0.149

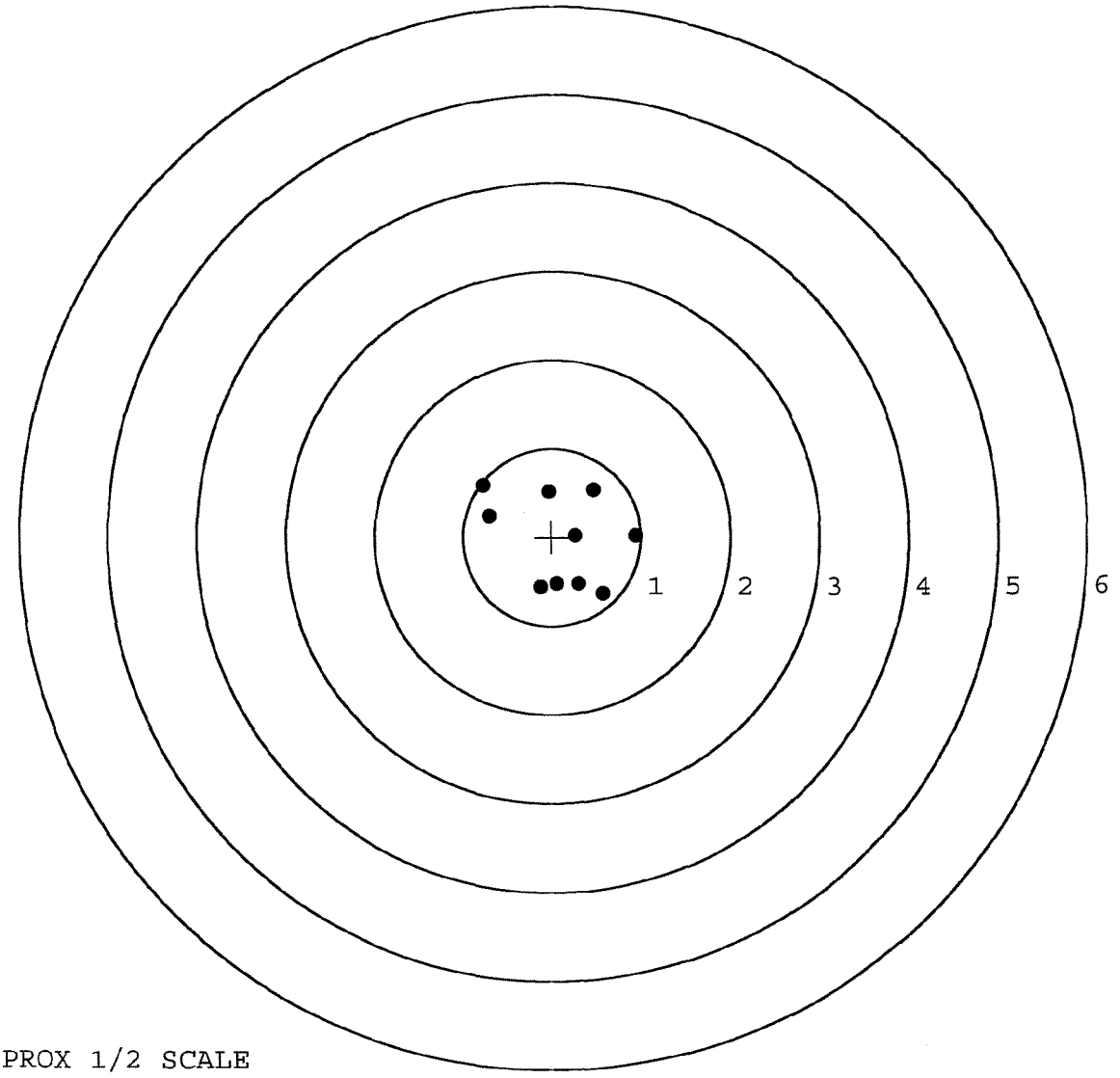


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300580.__0
TARGET NUMBER: 5
FILE DATE: 11/18/2003
FILE TIME: 07:25

X CENTROID:	0.097
Y CENTROID:	-0.036
POA TO CENTROID:	0.103
HORZ SPREAD:	1.714
VERT SPREAD:	1.227
GROUP SPREAD:	1.824
MIN RADIUS:	0.185
MAX RADIUS:	1.071
MEAN RADIUS:	0.658
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

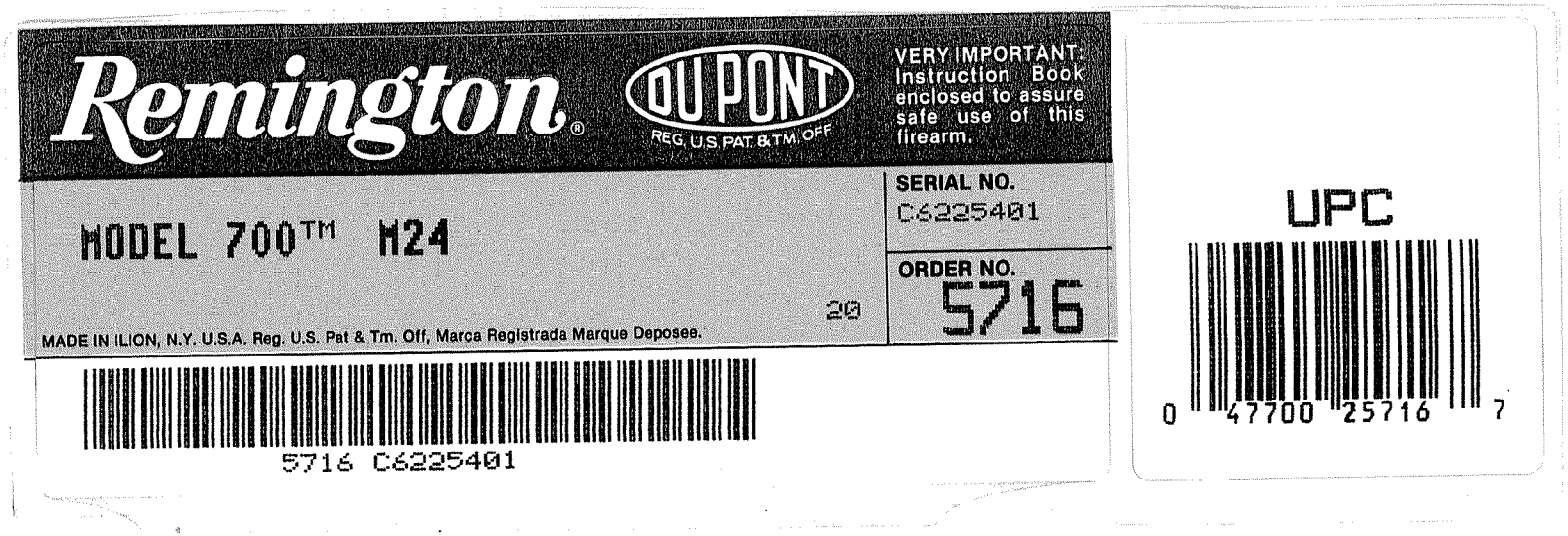
POINT#	X	Y
1:	-0.774	0.588
2:	-0.707	0.245
3:	-0.039	0.508
4:	0.467	0.535
5:	0.940	0.016
6:	0.273	0.019
7:	-0.132	-0.573
8:	0.057	-0.529
9:	0.306	-0.532
10:	0.576	-0.639



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	71846		
SERIAL NUMBER	~~C0225401~~	C0300580	(New)
LOG-IN DATE	10-22-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-4-03	RTL
560 A	RE-BARREL	11-5-03	RTL
B	DRILL AND TAP	11-6-03	TRW
575	ASSEMBLE	11-5-03	RTL
600	PROOF	11-5-03	AC
605	CHECK HEADSPACE	11-5-03	AC
610	DIS-ASSEMBLE GUN	11-6-03	RTL
612	MAGNAFLUX	BK	
615	ROLLMARK CALIBER	11-7-03	BB
618	ROTO-BLAST	11/7/2003	Dans.
620	APPLY COATINGS	11-11	TA
625 A	FINAL ASSEMBLY	11-17-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-18-03	AC
655	FINAL INSPECT	12-16-03	RTL
660	PACK	12/18/03	DA
		SHIP DATE	
	QAR INSPECTION DATE		



SCOPE 0435

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225401

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9	88	RW
600	Proof	12 9	88	RW
607	Check Headspace	12 9	88	RW
610	Dis-assemble Gun	12 9	88	RW
612	Magnaflux Barrel Action		12-22-88	pfc.
	Magnaflux Bolt		1-3-89	pfc.
615	Rollmark Caliber		12/22/88	WDC
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12	88	WJD
620	Apply Coatings (Barrel Action)		1/6/89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/9/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/9/89	RW
	C) Inspect Ejector Hole for Chamfer		2/9/89	RW
	D) Oil Firing Pin Ass'y		2/9/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		13 2/10/89	JSS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			14 Feb 89	GSS
	G) Safety Off Force	3	3	3			14 Feb 89	GSS
	H) Trigger Pull Test & Retainability						13 Feb 89	GSS
	I) Firing Pin Indent	.020	.0205	.0205			14 Feb 89	GSS
	J) Assemble Stock						2/16/89	RW
	K) Assemble Swivel Studs						20 Feb 89	GSS
	L) Attach Front and Rear Sight Assemblies						2/16/89	RW
	M) Iron Sight Alignment						2/16/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/16/89	RW
	O) Attach Scope to Rifle						16 Feb 89	GSS
	P) Detach & Attach Scope 20 Times						16 Feb 89	GSS
640	Gallery Target & Test	81 R 70 L					17 Feb 89	AC
	A) Time						1'	AC
	B) Malfunctions			NONE			1'	AC
	C) Pierced Primers			NONE			1'	AC
	D) Optical Clearity of Scope			OK			1'	AC
645	Inspect for Live Ammo			NONE			17 Feb 89	AC
655	Final Inspection A) Headspace						20 Feb 89	GSS
	B) Trigger Pull	2.48	2.52	2.44	2.42	2.39	20 Feb 89	GSS
	C) Function						20 Feb 89	GSS
660	Pack						23 Mar 89	GSS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225401
DATE 13 Feb 88
TESTER JC

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.54	2.41	2.48	MIN. SETTING,
PULL #2	2.46	2.33	2.33	2.52	NO AVG. OF 5
PULL #3	2.34	2.30	2.37	2.44	READINGS ACCEPT-
PULL #4	2.46	2.34	2.38	2.42	ABLE LESS THAN 2#
PULL #5	2.47	2.32	2.41	2.39	
TOTAL	12.04	11.83	11.90	12.25	
AVG.	2.408	2.366	2.38	2.45	

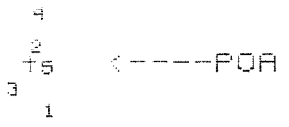
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.20		
PULL #2	3.24	3.24		
PULL #3	3.27	3.21		
PULL #4	3.23	3.23		
PULL #5	3.25	3.25		
TOTAL	16.26	16.13		
AVG.	3.252	3.226		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.15		4.18
PULL #2	4.26	4.08		4.15
PULL #3	4.25	4.22		4.17
PULL #4	4.30	4.24		4.20
PULL #5	4.24	4.12		3.99
TOTAL	21.37	20.81		20.69
AVG.	4.274	4.162		4.138

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225401
22 Feb 1989

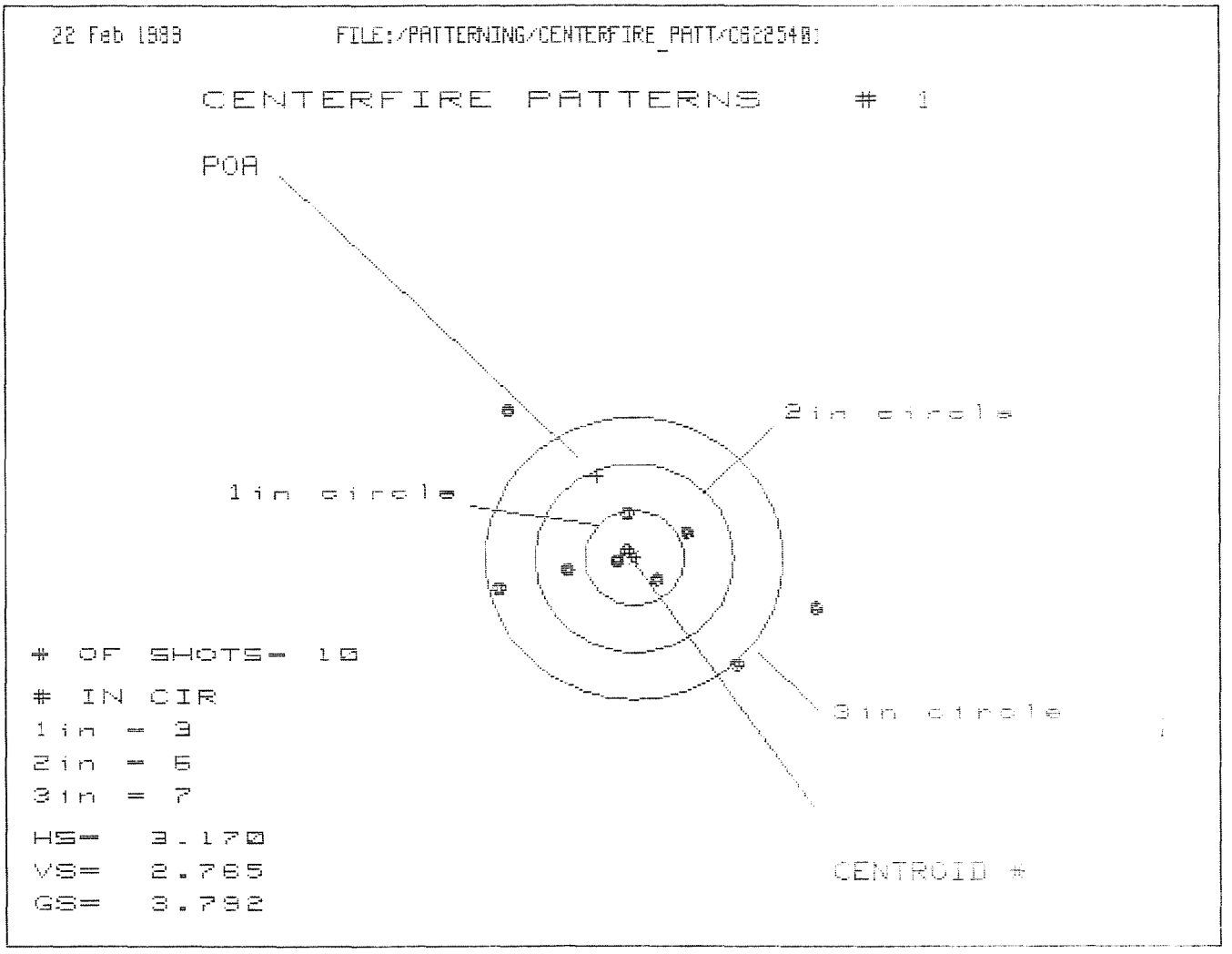
CENTROIDAL DISTANCES

0	TO	1	.949482
1	TO	2	1.20338
1	TO	3	.770229
1	TO	4	1.82918
1	TO	5	.806675

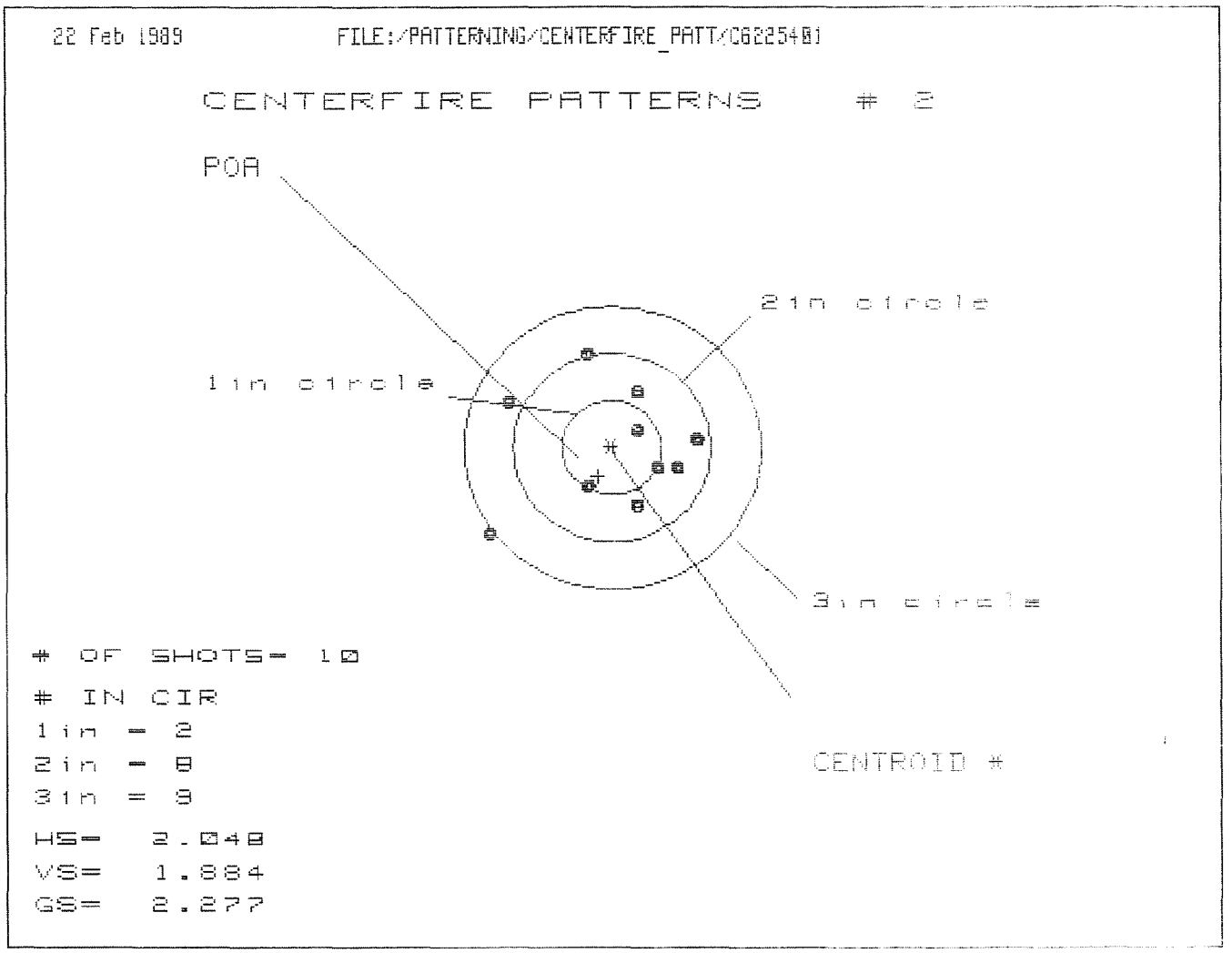


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1502
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0322
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .153613

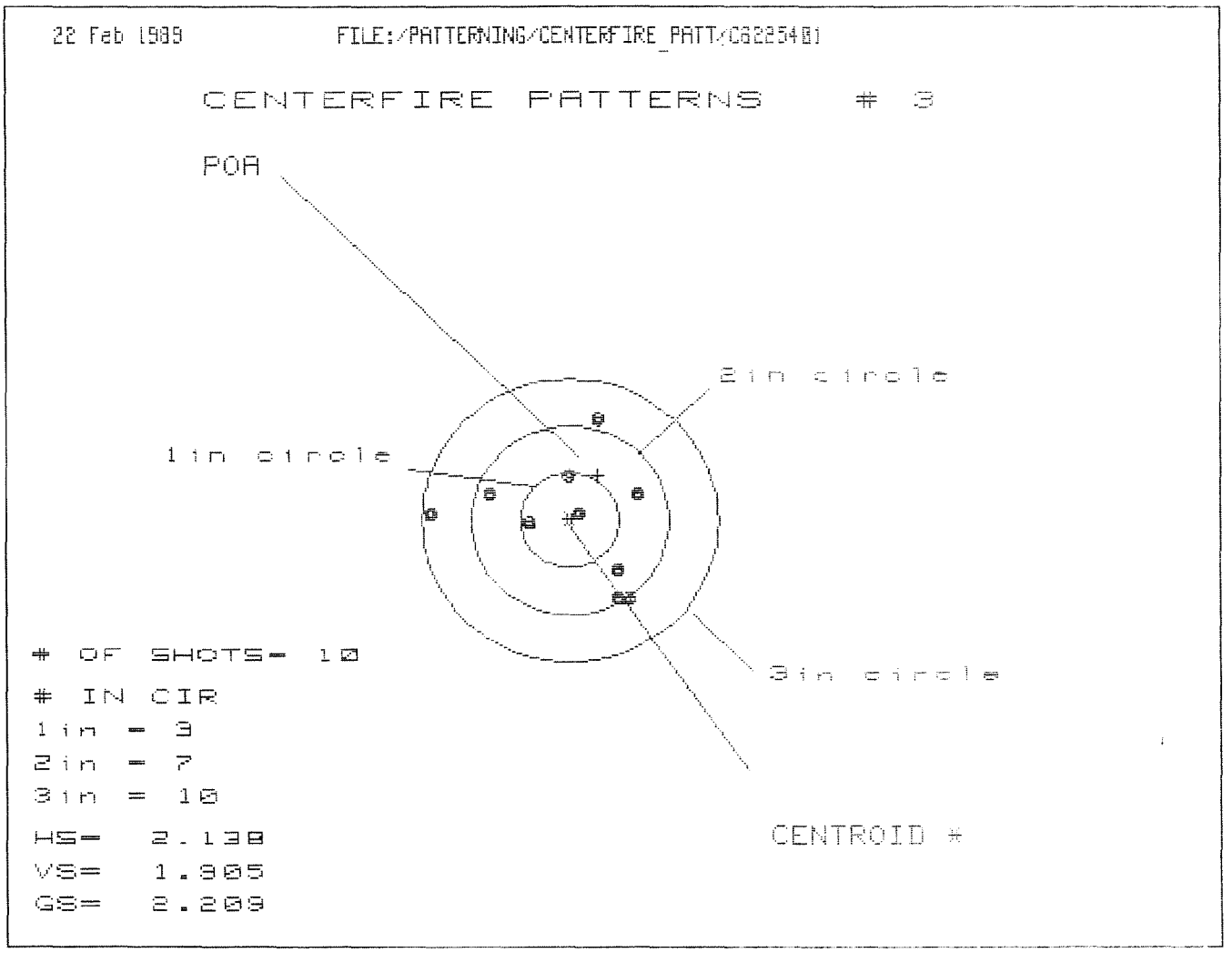
THE AMR FOR THIS RIFLE IS: .9144



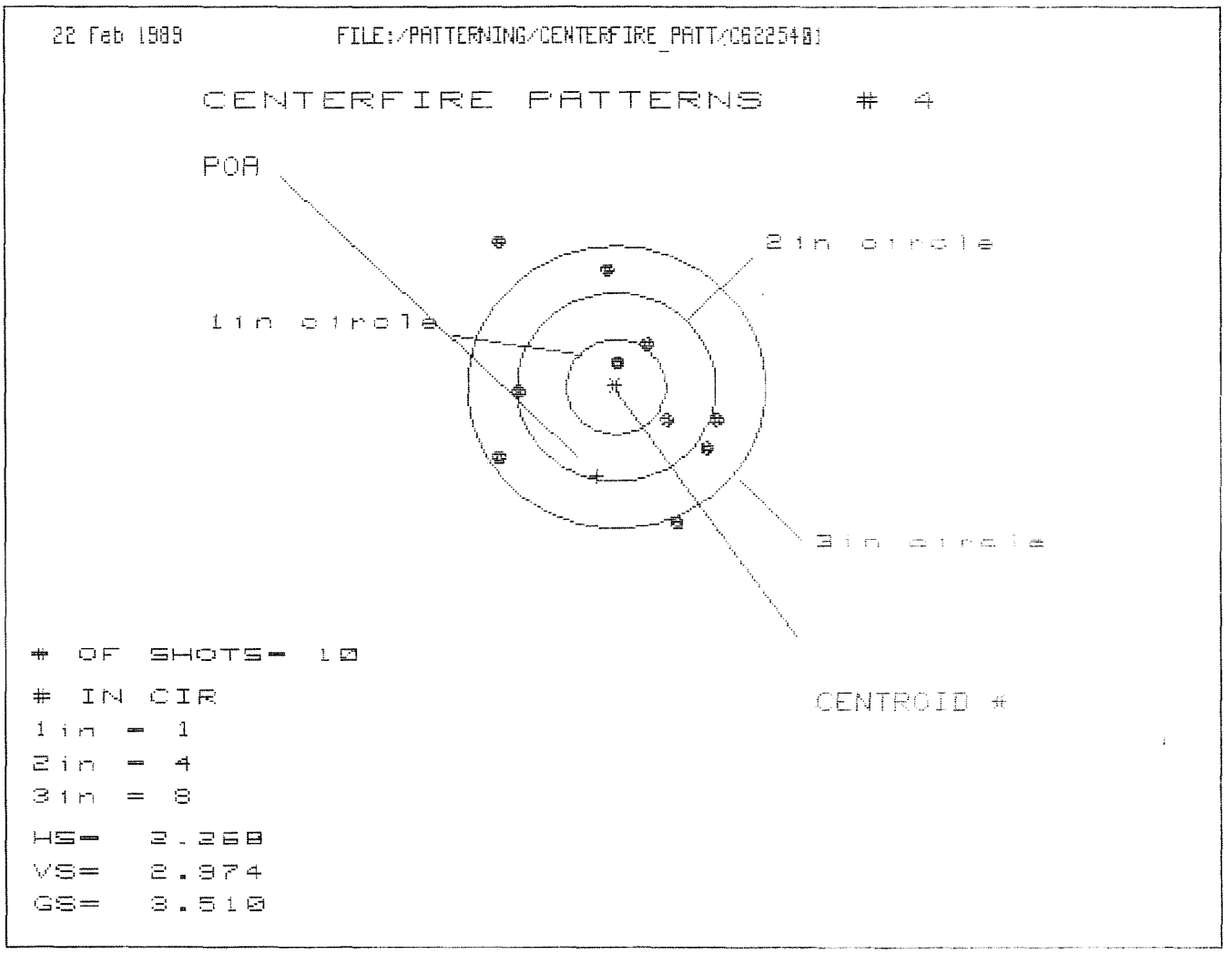
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.836	1.693	1.122
MINIMUM X	:	-1.334	-1.477	-1.266
MAXIMUM Y	:	1.593	.666	.618
MINIMUM Y	:	-1.172	-.995	-1.043
CENTROID X	:	.371	.514	.303
CENTROID Y	:	-.874	-1.051	-1.003
POA TO CENTROID in.	:	.949	1.170	1.048
MIN RADIUS	:	.058	.105	.123
MEAN RADIUS	:	.926	.827	.672
MAX RADIUS	:	2.049	1.734	1.532
HORIZONTAL SPREAD	:	3.170	3.170	2.388
VERTICAL SPREAD	:	2.765	1.661	1.661
EXTREME SPREAD	:	3.792	3.178	2.534
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	



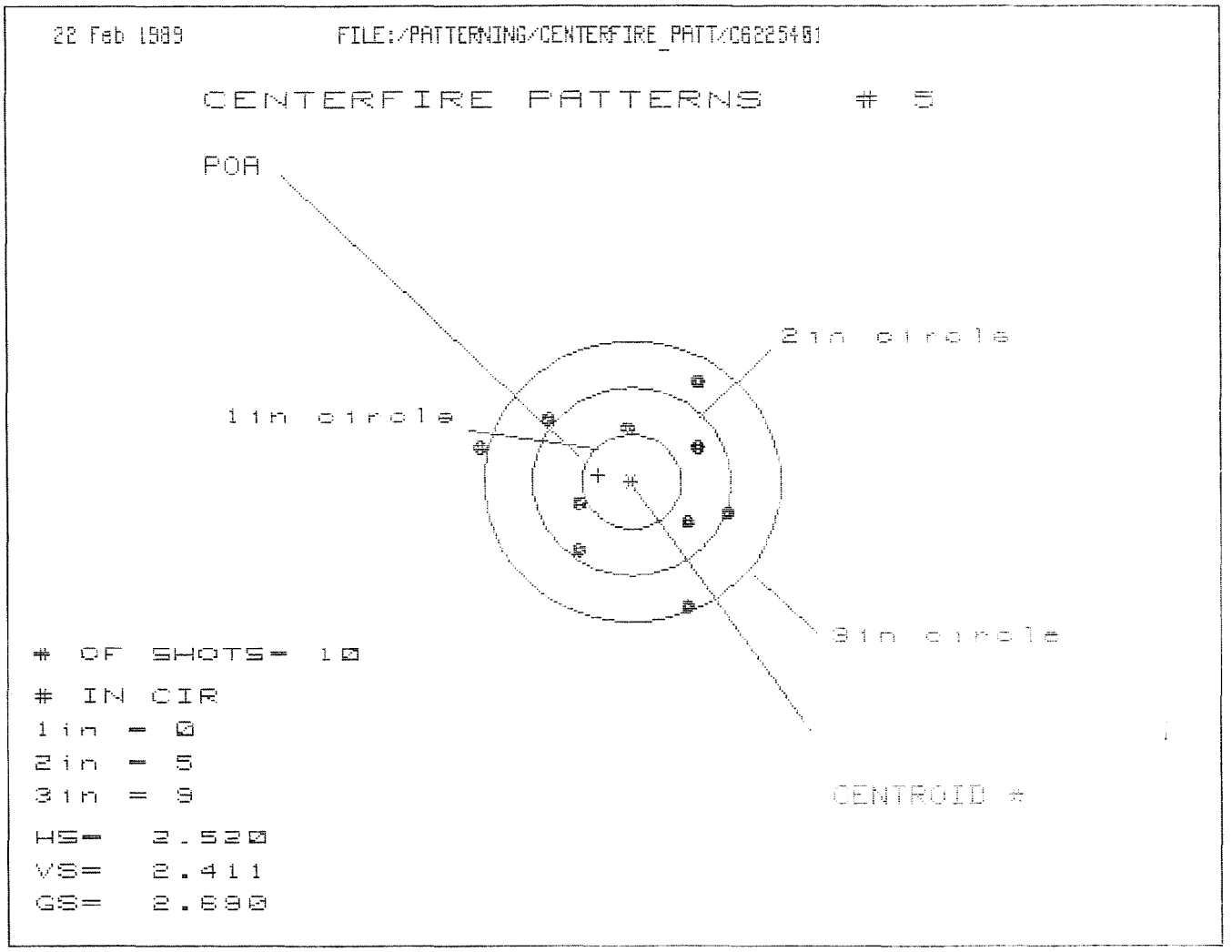
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.857	.724	.574
MINIMUM X	:	-1.191	-1.199	-.566
MAXIMUM Y	:	.954	.850	.904
MINIMUM Y	:	-.930	-.752	-.698
CENTROID X	:	.140	.273	.423
CENTROID Y	:	.307	.411	.357
POA TO CENTROID in.	:	.338	.493	.553
MIN RADIUS	:	.358	.192	.140
MEAN RADIUS	:	.792	.678	.563
MAX RADIUS	:	1.512	1.273	1.035
HORIZONTAL SPREAD	:	2.048	1.923	1.140
VERTICAL SPREAD	:	1.884	1.602	1.602
EXTREME SPREAD	:	2.277	1.979	1.676
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.732	.575	.589
MINIMUM X	:	-1.406	-.944	-.930
MAXIMUM Y	:	1.054	1.066	.593
MINIMUM Y	:	-.851	-.839	-.706
CENTROID X	:	-.286	-.129	-.143
CENTROID Y	:	-.472	-.484	-.617
POA TO CENTROID in.	:	.551	.501	.683
MIN RADIUS	:	.141	.156	.275
MEAN RADIUS	:	.790	.713	.671
MAX RADIUS	:	1.411	1.071	1.034
HORIZONTAL SPREAD	:	2.138	1.519	1.519
VERTICAL SPREAD	:	1.905	1.905	1.299
EXTREME SPREAD	:	2.209	1.931	1.794
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.038	.901	.963
MINIMUM X	:	-1.230	-1.362	-1.300
MAXIMUM Y	:	1.565	1.406	1.252
MINIMUM Y	:	-1.409	-1.236	-.744
CENTROID X	:	.188	.324	.262
CENTROID Y	:	.946	.773	.927
POA TO CENTROID in.	:	.965	.838	.963
MIN RADIUS	:	.271	.399	.288
MEAN RADIUS	:	1.082	.966	.902
MAX RADIUS	:	1.991	1.484	1.498
HORIZONTAL SPREAD	:	2.268	2.263	2.263
VERTICAL SPREAD	:	2.974	2.642	1.996
EXTREME SPREAD	:	3.510	2.728	2.320
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.979	.808	.955
MINIMUM X	:	-1.541	-.972	-.925
MAXIMUM Y	:	1.099	1.143	.984
MINIMUM Y	:	-1.312	-1.268	-.857
CENTROID X	:	.338	.509	.462
CENTROID Y	:	-.068	-.112	.047
POA TO CENTROID in.	:	.344	.521	.465
MIN RADIUS	:	.525	.561	.431
MEAN RADIUS	:	.982	.900	.835
MAX RADIUS	:	1.589	1.321	1.119
HORIZONTAL SPREAD	:	2.520	1.780	1.780
VERTICAL SPREAD	:	2.411	2.411	1.841
EXTREME SPREAD	:	2.690	2.414	2.201
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225401
26 Feb 1990

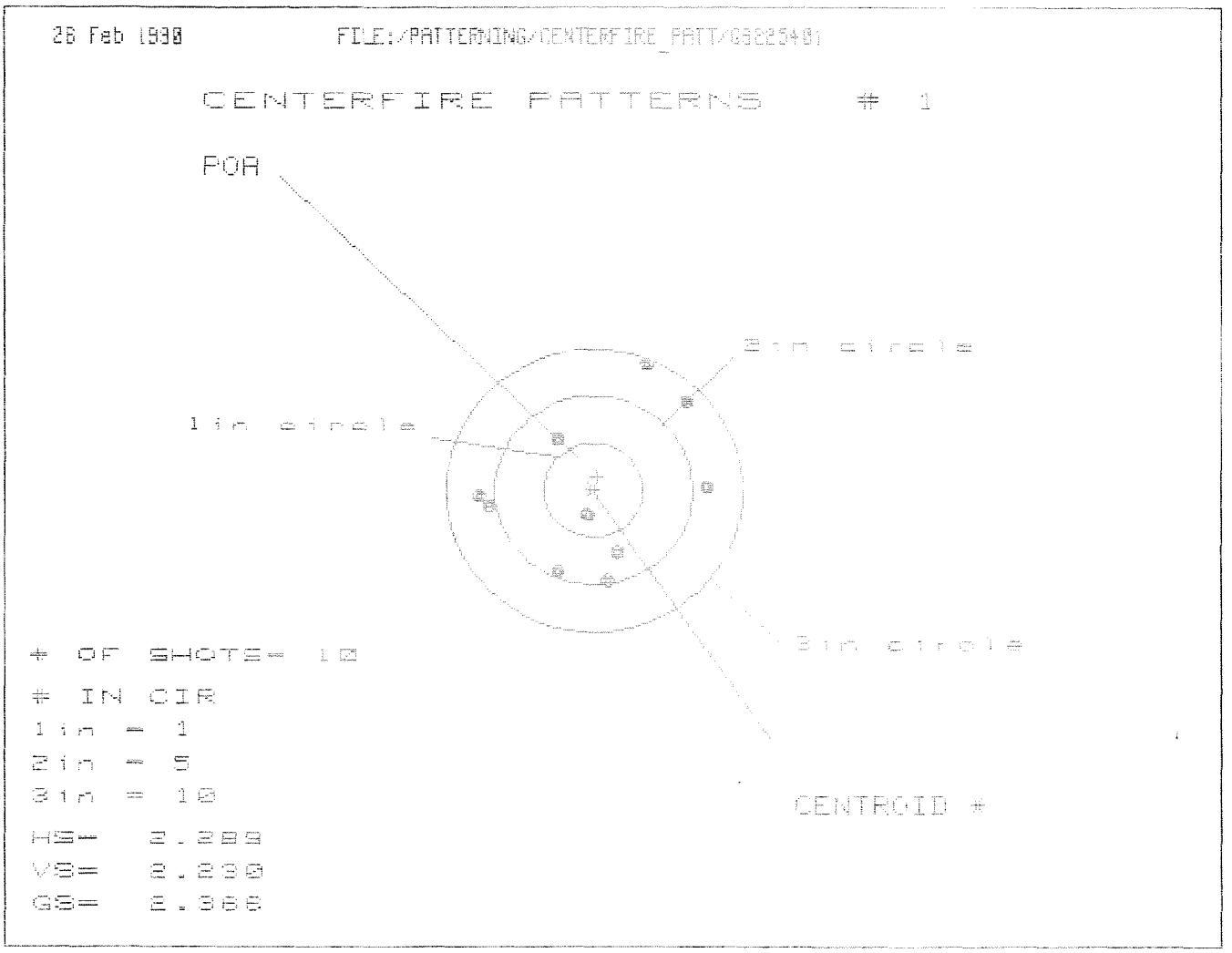
CENTROIDAL DISTANCES

Ø	TO	1	.149897
1	TO	2	.662814
1	TO	3	.326719
1	TO	4	.362112
1	TO	5	.311026

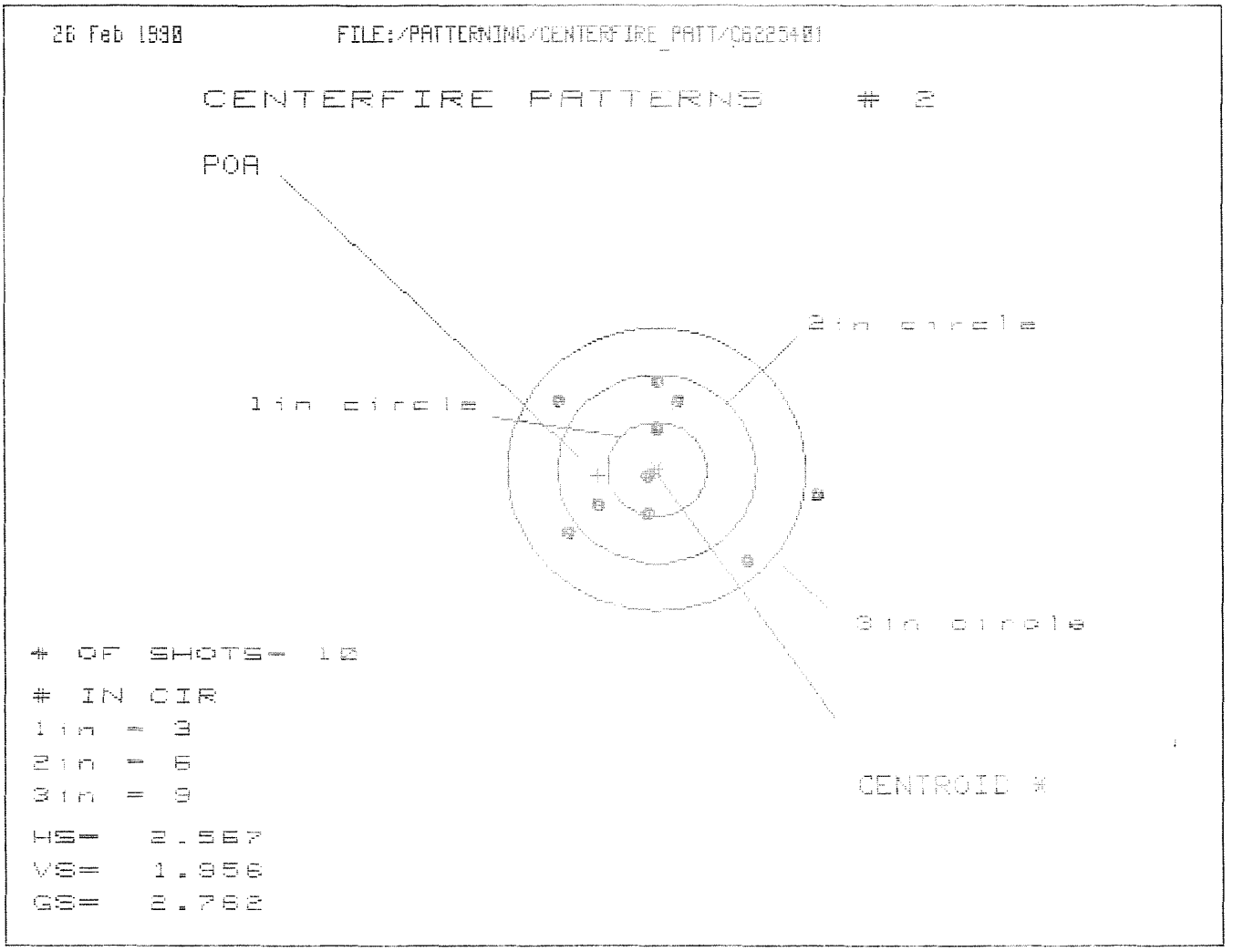
fg^2 <---- POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2856
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1172
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .308712

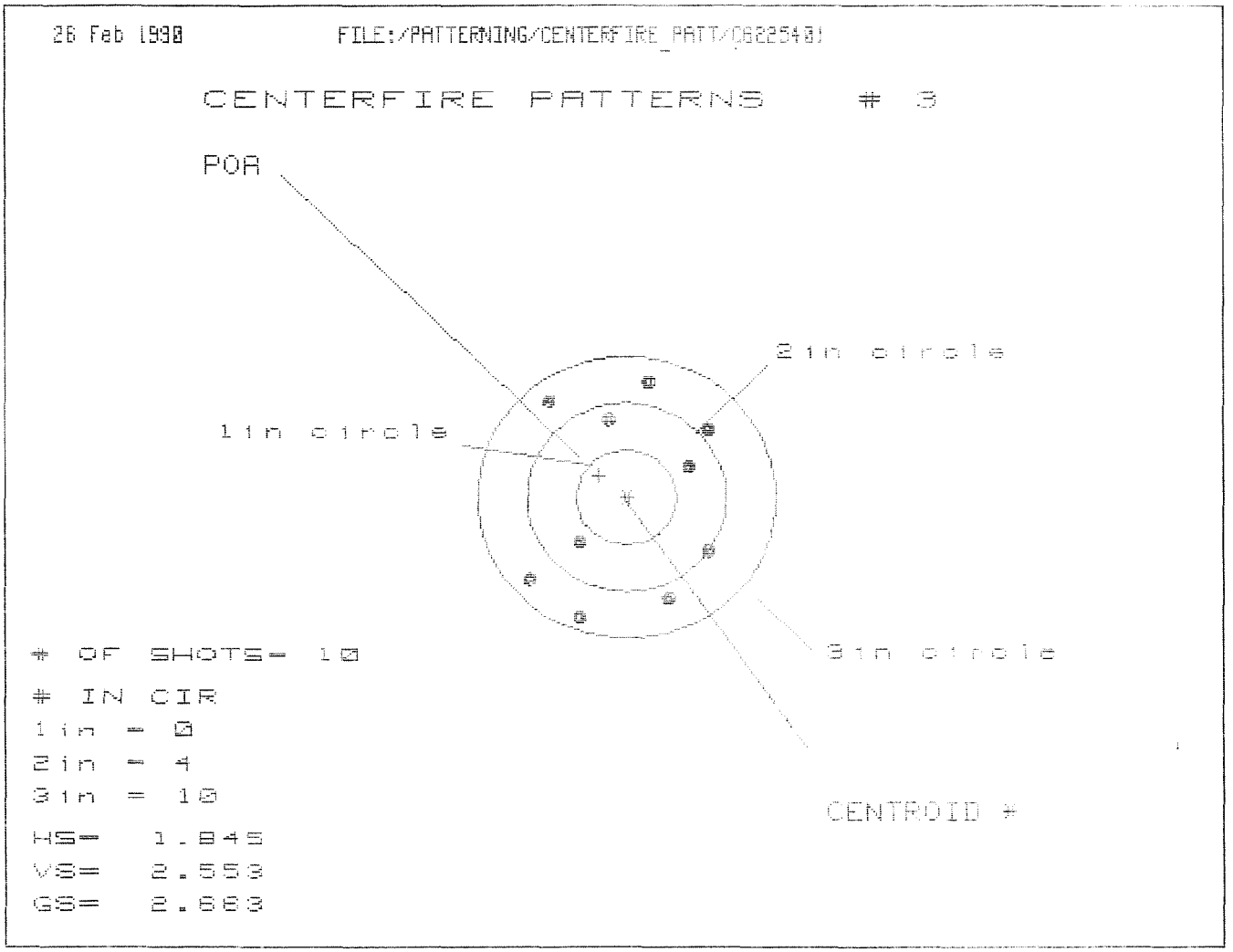
THE AMR FOR THIS RIFLE IS: .9462



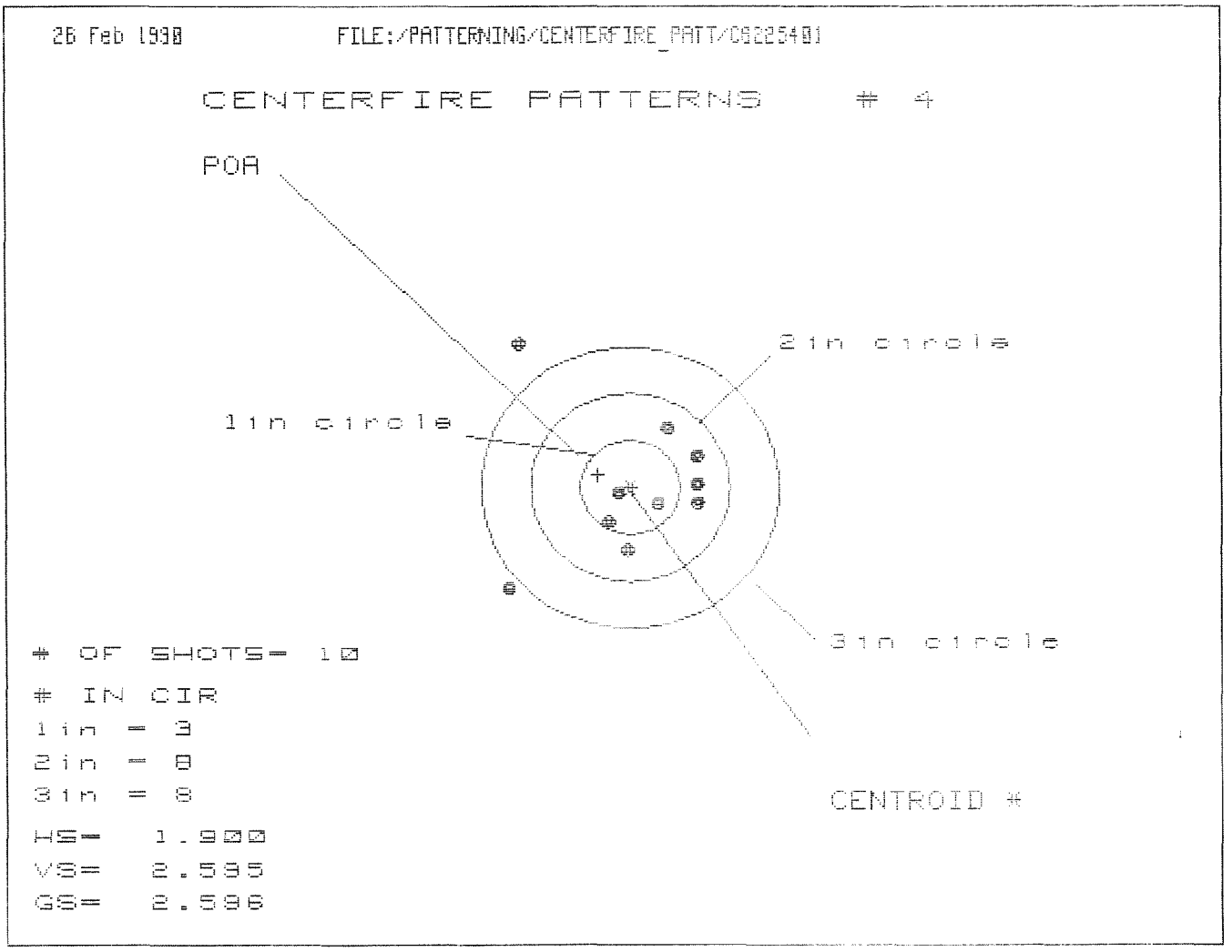
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.143	1.206	1.331
MINIMUM X	:	-1.146	-1.083	-.958
MAXIMUM Y	:	1.311	1.098	.804
MINIMUM Y	:	-.919	-.773	-.636
CENTROID X	:	-.038	-.101	-.226
CENTROID Y	:	-.145	-.291	-.428
POA TO CENTROID in.	:	.150	.308	.484
MIN RADIUS	:	.207	.074	.186
MEAN RADIUS	:	.955	.865	.768
MAX RADIUS	:	1.427	1.487	1.365
HORIZONTAL SPREAD	:	2.289	2.289	2.289
VERTICAL SPREAD	:	2.230	1.871	1.440
EXTREME SPREAD	:	2.366	2.331	2.299
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



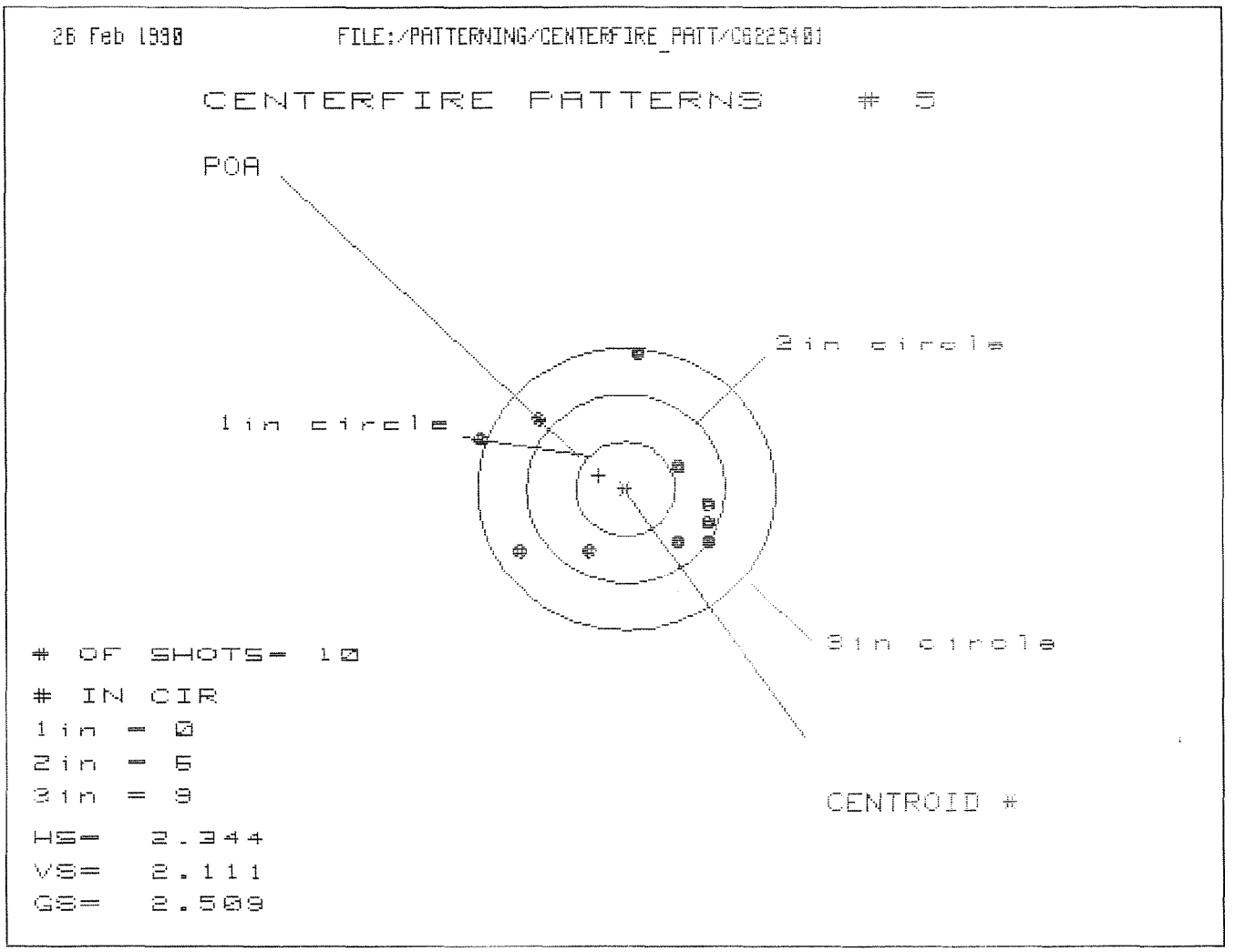
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.601	1.048	.490
MINIMUM X	:	-.966	-.789	-.658
MAXIMUM Y	:	.946	.919	.789
MINIMUM Y	:	-1.010	-1.037	-.844
CENTROID X	:	.591	.414	.283
CENTROID Y	:	.064	.091	.221
POA TO CENTROID in.	:	.595	.424	.359
MIN RADIUS	:	.132	.171	.355
MEAN RADIUS	:	.869	.767	.684
MAX RADIUS	:	1.619	1.475	1.034
HORIZONTAL SPREAD	:	2.567	1.837	1.148
VERTICAL SPREAD	:	1.956	1.956	1.633
EXTREME SPREAD	:	2.762	2.563	1.868
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.850	.794	.663
MINIMUM X	:	-.995	-1.051	-.953
MAXIMUM Y	:	1.271	1.129	.998
MINIMUM Y	:	-1.282	-1.222	-1.353
CENTROID X	:	.278	.334	.465
CENTROID Y	:	-.228	-.086	.045
POA TO CENTROID in.	:	.360	.345	.467
MIN RADIUS	:	.633	.573	.416
MEAN RADIUS	:	1.077	1.028	.940
MAX RADIUS	:	1.377	1.485	1.368
HORIZONTAL SPREAD	:	1.845	1.845	1.616
VERTICAL SPREAD	:	2.553	2.351	2.351
EXTREME SPREAD	:	2.663	2.512	2.431
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.700	.575	.410
MINIMUM X	:	-1.200	-1.325	-.547
MAXIMUM Y	:	1.535	.811	.699
MINIMUM Y	:	-1.060	-.889	-.604
CENTROID X	:	.324	.449	.614
CENTROID Y	:	-.136	-.307	-.195
POA TO CENTROID in.	:	.351	.543	.644
MIN RADIUS	:	.116	.171	.112
MEAN RADIUS	:	.799	.636	.488
MAX RADIUS	:	1.901	1.595	.702
HORIZONTAL SPREAD	:	1.900	1.900	.957
VERTICAL SPREAD	:	2.595	1.700	1.303
EXTREME SPREAD	:	2.596	2.374	1.350
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.875	.712	.712
MINIMUM X	:	-1.469	-1.284	-1.284
MAXIMUM Y	:	1.447	1.503	.990
MINIMUM Y	:	-.664	-.608	-.421
CENTROID X	:	.273	.436	.436
CENTROID Y	:	-.141	-.197	-.384
POA TO CENTROID in.	:	.307	.478	.561
MIN RADIUS	:	.531	.420	.520
MEAN RADIUS	:	1.031	.929	.830
MAX RADIUS	:	1.552	1.503	1.412
HORIZONTAL SPREAD	:	2.344	1.996	1.996
VERTICAL SPREAD	:	2.111	2.111	1.411
EXTREME SPREAD	:	2.509	2.471	2.102
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

SUBJECT: WARRANTY REPAIR

DATE: 30 JAN 90

TYPE EQUIPMENT RIFLE

MAKE: Remington

MODEL: M 24

SERIAL NUMBER: C 6225 401

DATE OF PURCHASE:

PERSON CONTACTED OR RA NUMBER:

EQUIPMENT PROBLEMS: Re Ferbish Barrel
Check Trigger

POINT OF CONTACT (FORT BENNING, GEORGIA) AND PHONE NUMBER:

George Richards (404) 545-2865/3201
Mr. Coker

NOTE: ANY WORK NOT COVERED BY THE WARRANTY WILL NOT BE REIMBURSED WITHOUT PRIOR AUTHORIZATION FROM THE PROCUREMENT DIVISION AT FORT BENNING, GEORGIA

WHEN REPAIR IS COMPLETED, PLEASE RETURN TO:

MAINTENANCE DIVISION, USAIC
ATTN: ATZB-LOM-Q
BUILDING 228
FORT BENNING, GEORGIA 31905-5174

3/89
BJ

MAINTENANCE REQUEST

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

PAGE NO. 1 | NO. OF PAGES | REQUIREMENT CONTROL SYMBOL CSGLO-1047(R1)

SECTION I – EQUIPMENT DATA

CONTROL NUMBER	WORK ORDER NUMBER	WESOC	ORG PD	PD AUTHENTICATION
	W5021	95 EB	02	W.R. SANDERS

☐ WORK REQUEST ☐ MWO ☒ WARRANTY CLAIM

1a. ORGANIZATION	b. LOCATION	c. UNIT IDENT CODE
QA INSPECTION SECTION (1)	FORT BENNING, GA 31905-5174	WOU218

2. SERIAL NO.	3. NOUN NOMENCLATURE	4. LINE NO.	5. MODEL	6. NATIONAL STOCK NUMBER
See ITEM 16	RIFLE 7.62		M24	

7. MAINTENANCE ACTIVITY	a. LEVEL	8. UTILIZATION CODE	9. MCSR ITEM	a. ERC	b. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS	13. STARTS
REMINGTON	D								

14. FAILURE DETECTED DURING (Select one - use ✓ or X)
☐ A Scheduled Maintenance ☐ C Test ☐ E Storage ☐ G Flight
☒ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other

15. FIRST INDICATION OF TROUBLE (Select one - use ✓ or X)
☐ 068 Inoperative ☐ 258 Overheating ☐ 799 Out of Adjustment
☐ 008 Noisy ☐ 397 Low Performance ☒ Other

16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs)

REQUEST WARRANTY ACTION Refurbish Barrels CHECK TRIGGER MECH

5 EACH

16a. REMARKS

C6225532 C6225546
C6225401 C6225200
C6225199

QA INSPECTION SECTION (1)
~~DOL, MAINT DIVISION~~
(404) 545-2865/3201
AV 835-2865/3201

SECTION II – WORK ACCOMPLISHED

17a. REPAIR ORGANIZATION/ACTIVITY	c. UNIT IDENT CODE	18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ✓ or X)	19. AMS ACCOUNT CODE
b. LOCATION		☐ 1 TOE ☒ 2 TD ☒ 3 CONTRACTOR	

20a. ACT CODE	FAILURE CODE b	c. COMPONENT/PART NOUN, SVC, OR MWO NO. d. CB CODE	e. REF DESIGNATOR	f. MFR CODE	MANHOURS (Hrs & tenths) g	NATIONAL STOCK NUMBER h	PART SOURCE CODE i	QTY j	PARTS COST k

l. TOTAL MANHOURS	m. TOTAL MANHOURS COST	n. TOTAL PARTS COST
	$	$

21. DELAY (Select one) ☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools
22. ☐ DATA TRANSCRIBED

23. SUBMITTED BY	24. RECEIVED BY	25. WORK STARTED BY	26. INSPECTED BY	27. ACCEPTED BY	28. DISPOSITION (Select one)
G. RICHARDS	G. RICHARDS				☐ A To User ☐ C Salvaged ☐ B To Stock ☐ D Evacuated ☐ E Cannibalization
JULIAN DATE 0030	JULIAN DATE 00	JULIAN DATE	JULIAN DATE	JULIAN DATE	

DA FORM MAY 81 2407 EDITION OF JUL 79 IS OBSOLETE. NMP COPY 2

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			7/27/90	WB
	G) Safety Off Force	2	2	2			7/27/90	WB
	H) Trigger Pull Test & Retainability	(.022)	(.022)	(.022)			4/26/90	DH
	I) Firing Pin Indent	.0205	.0203	.0205			7/27/90	WB
	J) Assemble Stock							
	K) Assemble Swivel Studs						7/27/90	WB
	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	100 Rds Test shoot OK					2/26/90	DH
	A) Time	4/26/90					2/26/90	DH
	B) Malfunctions						2/26/90	DH
	C) Pierced Primers						2/26/90	DH
	D) Optical Clearity of Scope						2/26/90	DH
645	Inspect for Live Ammo						2/26/90	DH
655	Final Inspection A) Headspace						4/26/90	WB
	B) Trigger Pull	2.37	2.31	2.26	2.30	2.27	7/27/90	WB
	C) Function						7/27/90	WB
660	Pack							

RC 53

0435 BJ 3/89

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6275401

OP. #	OP. NAME	READINGS	DATE	INIT
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			

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER R 97-11811

INITIAL: JJM | CUSTOMER ORDER NO.:

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/24/97	06/24/97		C6225401		700 7.62 NATO

ACCESSORIES:

FROM:

TRANSPORTATION OFFICER USAIC
ATTN ATZB-LOT-MM
BLDG 280
FORT BENNING GA 31905

SHIP TO:

TRANSPORTATION OFFICER USAIC
ATTN ATZB-LOT-MM
BLDG 280
FORT BENNING GA 31905

CUST NO: 161641 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 96003
Bolt 96005

COMMENTS

Repowder Coat Trigger Guard Assy, Front & Rear / Sight Bases
Recine Scope Base & Swivel Studs

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
JW	6-27-97	8-16-97	8-22-97	8-22-97	

OFFICE COPY

RD6925 REV. 6/96

21 DAY TURN - AROUND

New Barrel

M-24
CONTRACT # DAAA09-92-C-0834

R&E NO. SERIAL NO. C6225401

	LOG IN DATE: / /	DATE	INIT.
	INSPECT & VERIFY:		
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	6-27-97	A
605	CHECK HEADSPACE	6-27-97	A
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	8-16-97	RW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE _____	_____	_____
D	SAFETY OFF FORCE _____	_____	_____
E	FIRING PIN INDENT _____	_____	_____
640	TARGET	8-22-97	JW
655	FINAL INSPECT		
660	PACK		
	QAR INSPECTION	SHIP DATE	

SWS/Repair

Final Inspection

S/N: C6225401	DATE REC'D: 6-24-97	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
- ___ Depoyment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Comments: _____

Remington Test Lab, Ilion, N.Y.

Centrcidal distance calculations for Rifle # C6225401
22 Aug 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0586
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0028
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0586669

THE AMR FOR THIS RIFLE IS: .9632

CENTROIDAL DISTANCES

0 TO 1 .12659
1 TO 2 .201358
1 TO 3 .0313209
1 TO 4 .101823
1 TO 5 .146479

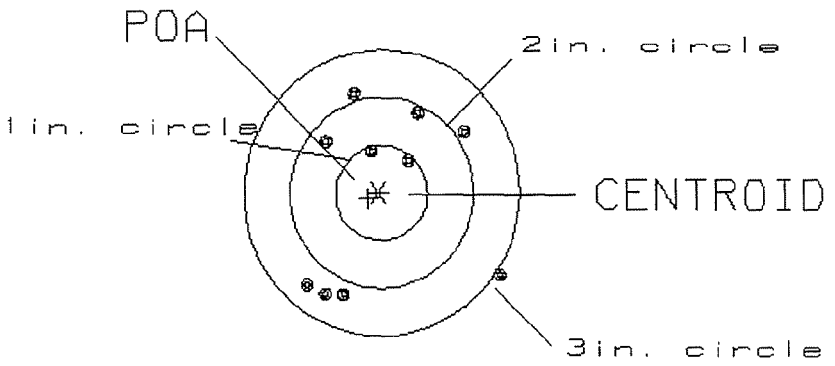
<----POA

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

PATTERN #:		1
POA TO CENTROID:		.127
MIN RADIUS	:	.449
MEAN RADIUS	:	.980
MAX RADIUS	:	1.524
CENTROID X	:	.112
CENTROID Y	:	.059

22 Aug 1997 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225401

CENTERFIRE PATTERN # 1



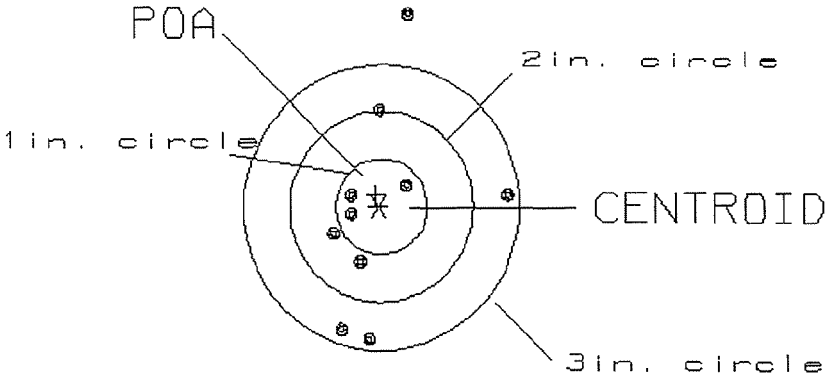
# OF SHOTS= 10	# IN CIRCLE
HS= 2.03	2
VS= 2.10	4
GS= 2.45	9

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

PATTERN #:		2
POA TO CENTROID:		.127
MIN RADIUS	:	.321
MEAN RADIUS	:	.933
MAX RADIUS	:	2.036
CENTROID X	:	.028
CENTROID Y	:	-.124

22 Aug 1997 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225401

CENTERFIRE PATTERN # 2



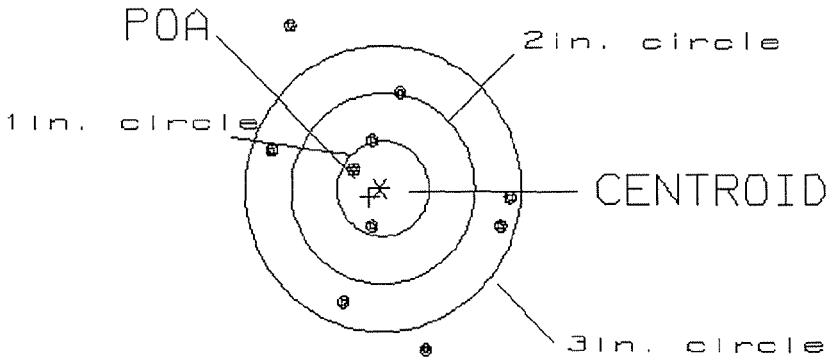
# OF SHOTS= 10	# IN CIRCLE
HS= 1.87	3
VS= 3.44	5
GS= 3.46	9

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

PATTERN #:	3
POA TO CENTROID:	.150
MIN RADIUS :	.384
MEAN RADIUS :	1.135
MAX RADIUS :	1.984
CENTROID X :	.121
CENTROID Y :	.089

22 Aug 1997 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225401

CENTERFIRE PATTERN # 3



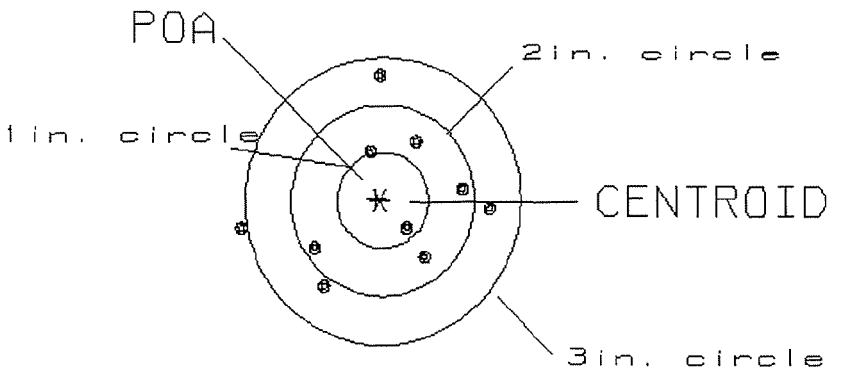
# OF SHOTS= 10	# IN CIRCLE
HS= 2.62	3
VS= 3.43	4
GS= 3.73	0

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

PATTERN #:	4
POA TO CENTROID:	.042
MIN RADIUS :	.398
MEAN RADIUS :	.918
MAX RADIUS :	1.538
CENTROID X :	.040
CENTROID Y :	-.013

22 Aug 1997 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225401

CENTERFIRE PATTERN # 4



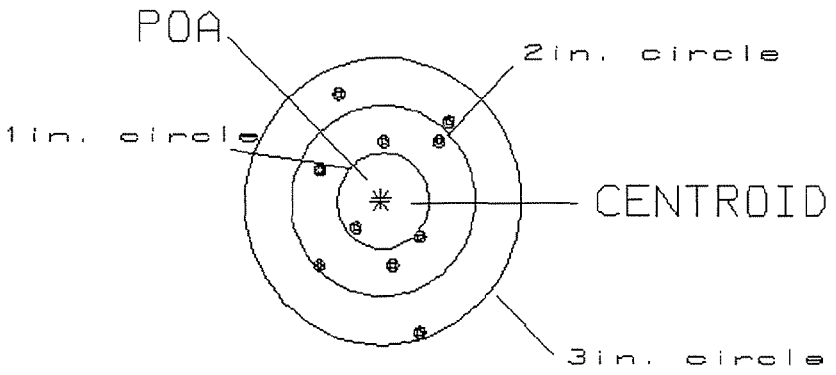
# OF SHOTS= 10	# IN CIRCLE
HS= 2.63	1
VS= 2.19	6
GS= 2.64	9

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

PATTERN #:	5
POA TO CENTROID:	.027
MIN RADIUS :	.356
MEAN RADIUS :	.850
MAX RADIUS :	1.470
CENTROID X :	-.008
CENTROID Y :	-.025

22 Aug 1997 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225401

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 1.34	1
VS= 2.51	7
GS= 2.67	10