0622526 1

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: RE00071771

Verify Repair

Serial: C6225261 Model 700 Center Fire Caliber: 7 62 NATO M24 SWS

Repairman:

Status: Closed 10/21/2003 11:51:17 AM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	MATERIAL MOVEMENT SECTION		MATERIAL MOVEMENT SECTION
Address 1:	BLDG 9630		BLDG 9630
Address 2:	PRESCOTT AVE PO Box:		PRESCOTT AVE PO Box:
City:	FORT LEWIS		FORT LEWIS
State:	WA Zip Code: 98433 Country: US	State:	WA Zip Code: 98433 Country: US

FFL:

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

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A016	Scope Mounts	2
A017	Scope Base	1

Repair Search | Refresh | Close

nagletj | 10/21/2003 | 12:42 PM | CAPS | NUM | INS | SCRL

start | 2 Mic... | 5 Mic... | Tar Di... | Arms S... | Parts ... | Adobe ... | RE 97 | 12:42 PM

Serial Number: C6225261

Model: 700

RE00071771

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225261.__0
FILE DATE AND TIME: 11/11/2003 11:45

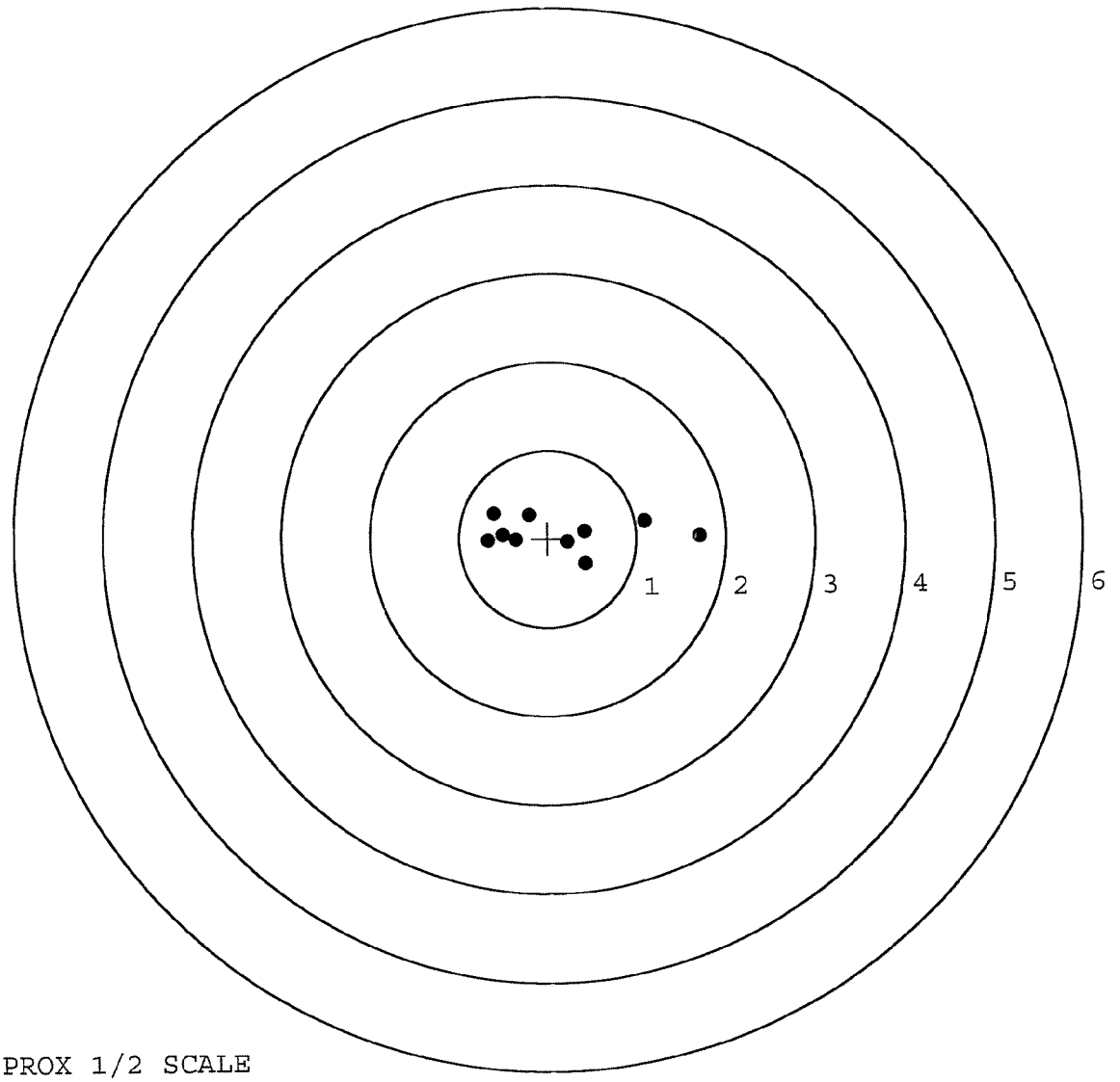
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.030
The Average Y Centroid of the Five Target Set:	0.108
The Average Point of Impact of the Five Target Set:	0.112
The Average Mean Radius of the Five Target Set:	0.631
The Distance from POA to Centroid Target #1:	0.159
The Distance from Centroid Target #2 to Centroid Target #1:	0.269
The Distance from Centroid Target #3 to Centroid Target #1:	0.161
The Distance from Centroid Target #4 to Centroid Target #1:	0.209
The Distance from Centroid Target #5 to Centroid Target #1:	0.033

SERIAL NUMBER: C6225261.__0
TARGET NUMBER: 1
FILE DATE: 11/11/2003
FILE TIME: 11:45

X CENTROID:	0.150
Y CENTROID:	0.052
POA TO CENTROID:	0.159
HORZ SPREAD:	2.390
VERT SPREAD:	0.576
GROUP SPREAD:	2.390
MIN RADIUS:	0.120
MAX RADIUS:	1.563
MEAN RADIUS:	0.656
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.713	0.016
2:	1.091	0.187
3:	0.419	0.081
4:	0.225	-0.042
5:	0.423	-0.288
6:	-0.212	0.270
7:	-0.360	-0.016
8:	-0.677	-0.024
9:	-0.609	0.288
10:	-0.509	0.043

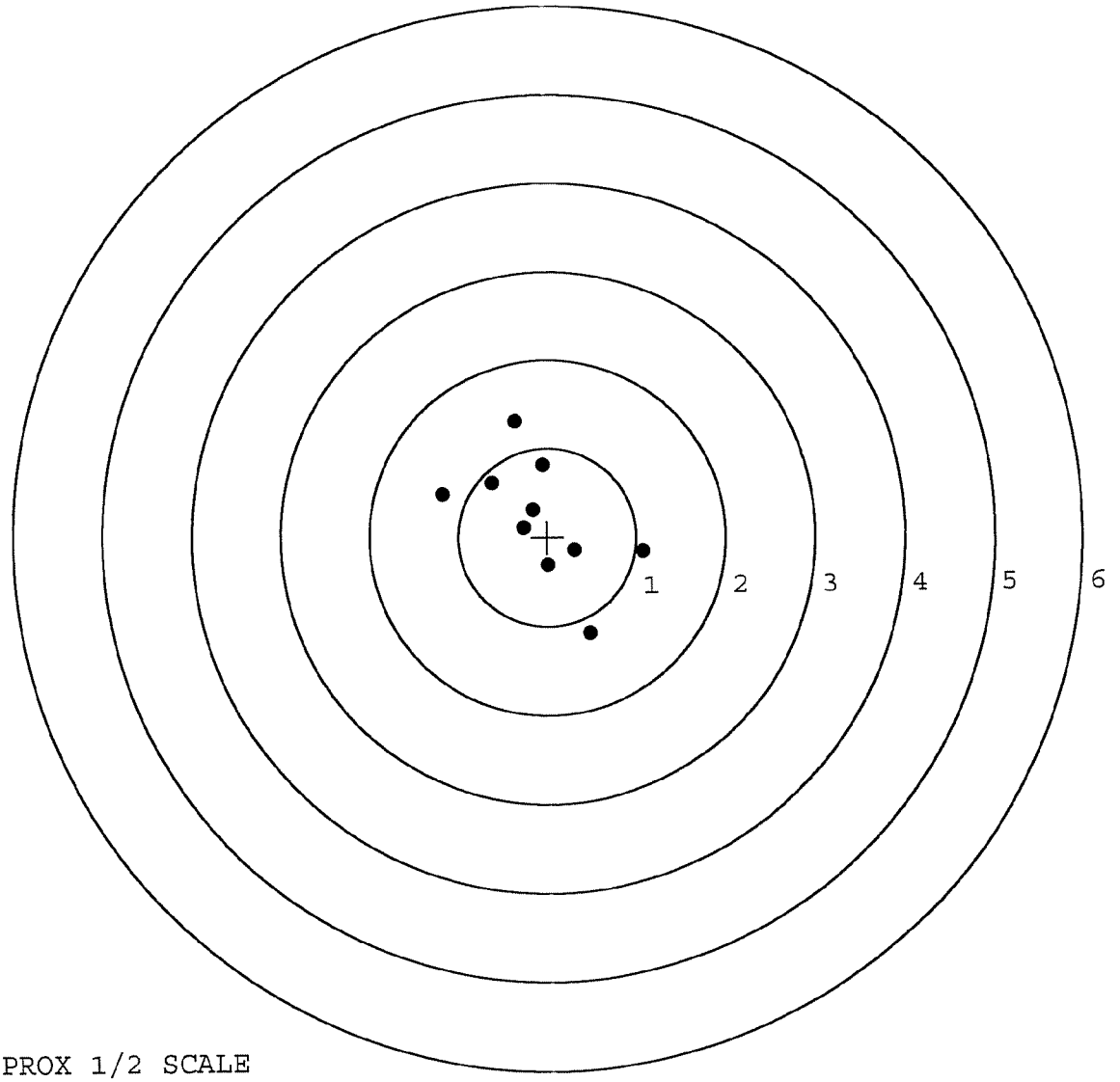


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225261.__0
TARGET NUMBER: 2
FILE DATE: 11/11/2003
FILE TIME: 11:45

X CENTROID:	-0.079
Y CENTROID:	0.191
POA TO CENTROID:	0.207
HORZ SPREAD:	2.251
VERT SPREAD:	2.387
GROUP SPREAD:	2.526
MIN RADIUS:	0.145
MAX RADIUS:	1.389
MEAN RADIUS:	0.757
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.354	1.303
2:	-1.176	0.490
3:	-0.622	0.616
4:	-0.051	0.811
5:	-0.164	0.309
6:	-0.268	0.107
7:	0.301	-0.153
8:	-0.002	-0.317
9:	1.075	-0.169
10:	0.471	-1.084

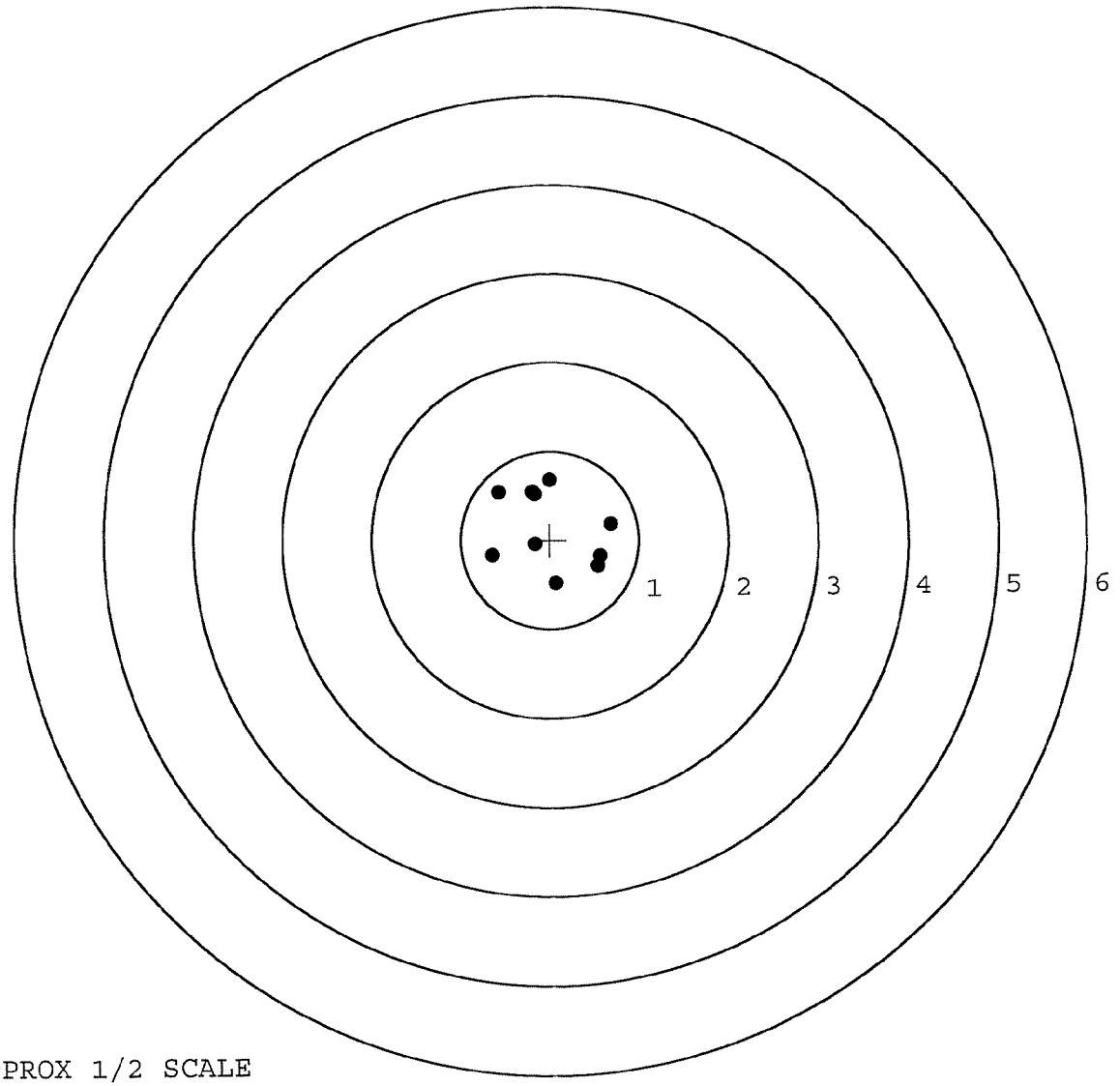


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225261.__0
TARGET NUMBER: 3
FILE DATE: 11/11/2003
FILE TIME: 11:45

X CENTROID:	0.008
Y CENTROID:	0.127
POA TO CENTROID:	0.127
HORZ SPREAD:	1.329
VERT SPREAD:	1.166
GROUP SPREAD:	1.374
MIN RADIUS:	0.251
MAX RADIUS:	0.721
MEAN RADIUS:	0.574
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.002	0.677
2:	-0.171	0.518
3:	-0.578	0.544
4:	-0.173	-0.048
5:	-0.648	-0.173
6:	0.064	-0.489
7:	0.537	-0.297
8:	0.681	0.174
9:	0.563	-0.184
10:	-0.196	0.544

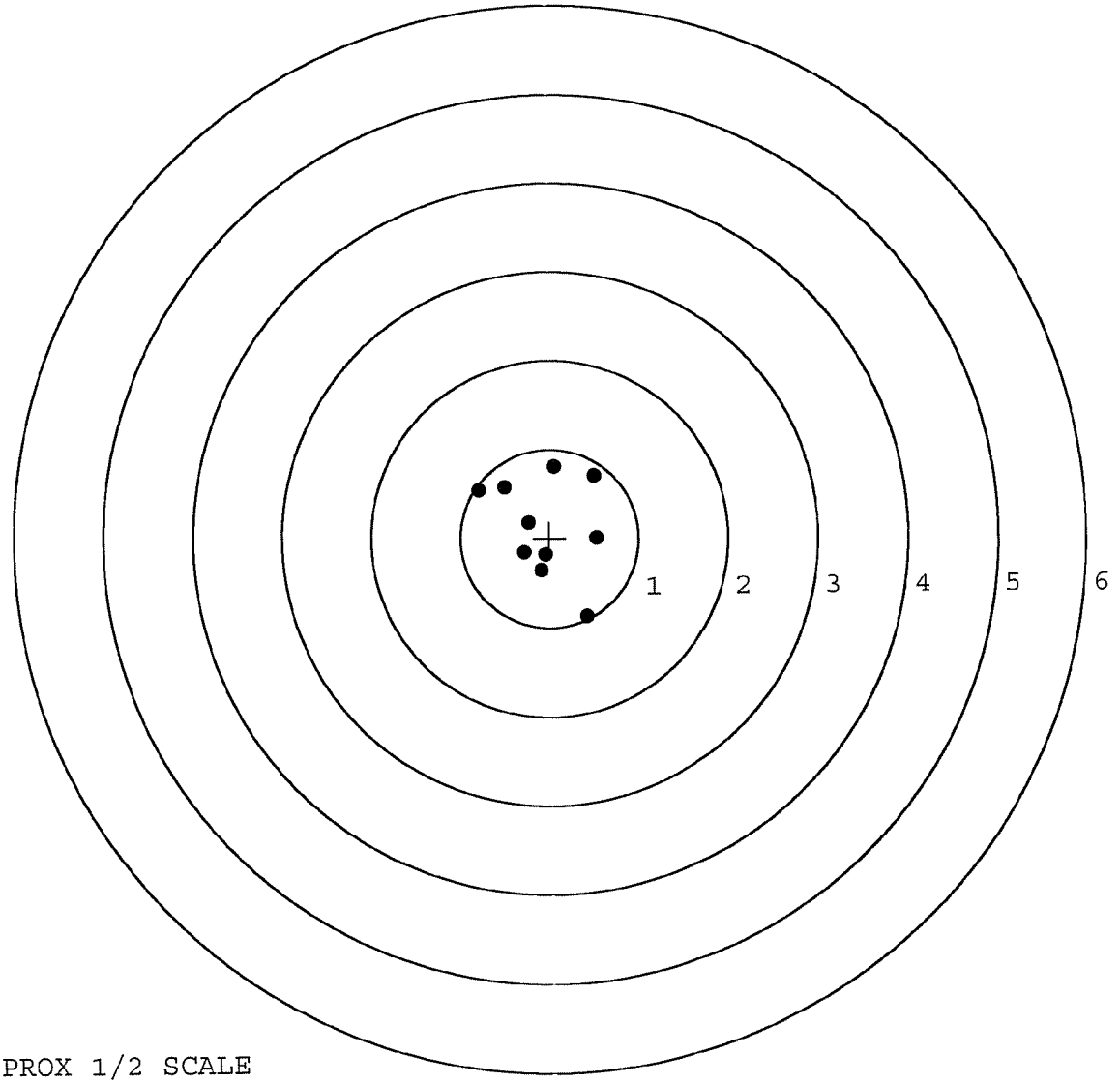


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225261.__0
TARGET NUMBER: 4
FILE DATE: 11/11/2003
FILE TIME: 11:45

X CENTROID:	-0.047
Y CENTROID:	0.120
POA TO CENTROID:	0.129
HORZ SPREAD:	1.320
VERT SPREAD:	1.686
GROUP SPREAD:	1.865
MIN RADIUS:	0.197
MAX RADIUS:	1.102
MEAN RADIUS:	0.605
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.055	0.806
2:	0.505	0.699
3:	0.528	0.004
4:	0.414	-0.880
5:	-0.792	0.543
6:	-0.506	0.576
7:	-0.236	0.175
8:	-0.288	-0.160
9:	-0.098	-0.369
10:	-0.051	-0.189

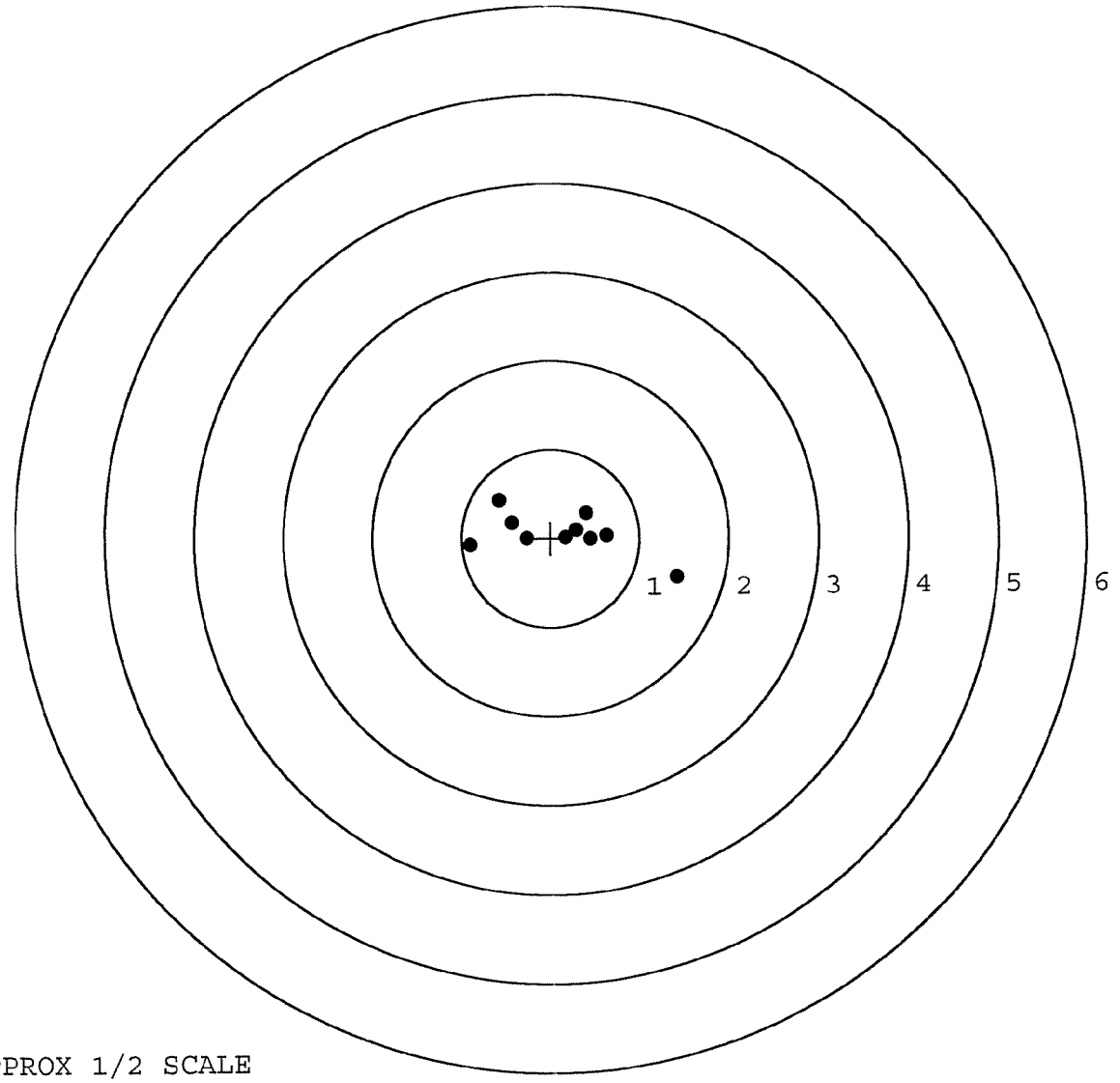


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225261.__0
TARGET NUMBER: 5
FILE DATE: 11/11/2003
FILE TIME: 11:45

X CENTROID:	0.117
Y CENTROID:	0.048
POA TO CENTROID:	0.127
HORZ SPREAD:	2.320
VERT SPREAD:	0.879
GROUP SPREAD:	2.349
MIN RADIUS:	0.062
MAX RADIUS:	1.391
MEAN RADIUS:	0.562
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.417	-0.449
2:	0.627	0.031
3:	0.447	-0.012
4:	0.404	0.280
5:	0.167	0.011
6:	-0.268	-0.002
7:	-0.435	0.178
8:	-0.575	0.430
9:	-0.903	-0.078
10:	0.292	0.087



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	71771		
SERIAL NUMBER	C6225261		
LOG-IN DATE	10-21-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-27-03	RTL
560 A	RE-BARREL	10-29-03	RTL
B	DRILL AND TAP	11-4-03	TRW
575	ASSEMBLE	11-3-03	RTL
600	PROOF	11-8-03	AC
605	CHECK HEADSPACE	11-3-03	AC
610	DIS-ASSEMBLE GUN	11-3-03	RTL
612	MAGNAFLUX RL		
615	ROLLMARK CALIBER	11-5-03	RB
618	ROTO-BLAST		
620	APPLY COATINGS	11-8	TA
625 A	FINAL ASSEMBLY	11-11-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-11-03	AC
655	FINAL INSPECT	12-15-03	RTL
660	PACK	12/16/03	QA
		SHIP DATE	
	QAR INSPECTION DATE		

M-24

Scope 0379

CONTRACT # DAAA21-87-C-0086

INTERCHANGEABILITY

GUN SERIAL # C6225261

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3 17 89	RW
600	Proof		3 17 89	RW
607	Check Headspace		3 17 89	RW
610	Dis-assemble Gun		3 17 89	RW
612	Magnaflux Barrel Action		3/21	KCR
	Magnaflux Bolt		3/21	KCR
615	Rollmark Caliber		3/21	GL
617	Drill and Tap Sight Holes		3 22 89	FB
618	Polish Barrel		3 22 89	BT
620	Apply Coatings (Barrel Action)		3-31-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/4/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/4/89	RW
	C) Inspect Ejector Hole for Chamfer		4/4/89	RW
	D) Oil Firing Pin Ass'y		4/4/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4-6-89	RW

QUALITY AUDIT

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			4-6-89	JC
	G) Safety Off Force	6	6	6			4-6-89	JC
	H) Trigger Pull Test & Retainability						4-5-89	S.S.
	I) Firing Pin Indent	.021	.022	.022			4-6-89	JC
	J) Assemble Stock						4/6/89	RW
	K) Assemble Swivel Studs						12 April 89	GS
	L) Attach Front and Rear Sight Assemblies						4/6/89	RW
	M) Iron Sight Alignment						4/6/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/6/89	RW
	O) Attach Scope to Rifle						4/7/89	JC
	P) Detach & Attach Scope 20 Times						4/10/89	JC
640	Gallery Target & Test	48R 110L					4-10-89	AC
	A) Time						11	AC
	B) Malfunctions			NONE			11	AC
	C) Pierced Primers			NONE			11	AC
	D) Optical Clearity of Scope			OK			11	AC
645	Inspect for Live Ammo			NONE			4-10-89	AC
655	Final Inspection A) Headspace						12 April 89	GS
	B) Trigger Pull	2.39	2.31	2.31	2.53	2.34	5 April 89	GS
	C) Function						12 April 89	GS
660	Pack						27 April 89	GS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225261
DATE 3-29-90
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.44		2.30	MIN. SETTING,
PULL #2	2.39	2.48		2.30	NO AVG. OF 5
PULL #3	2.40	2.44		2.30	READINGS ACCEPT-
PULL #4	2.38	2.31		2.33	ABLE LESS THAN 2#
PULL #5	2.42	2.37		2.39	
TOTAL	12.00	11.96		11.62	
AVG.	2.4	2.392		2.324	

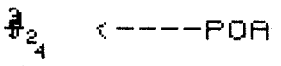
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.32		
PULL #2	3.26	3.25		
PULL #3	3.33	3.32		
PULL #4	3.33	3.35		
PULL #5	3.20	3.32		
TOTAL	16.51	16.66		
AVG.	3.302	3.332		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.36		
PULL #2	4.29	4.31		
PULL #3	4.35	4.29		
PULL #4	4.35	4.39		
PULL #5	4.39	4.31		
TOTAL	21.68	21.66		
AVG.	4.336	4.332		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225261
12 Apr 1989

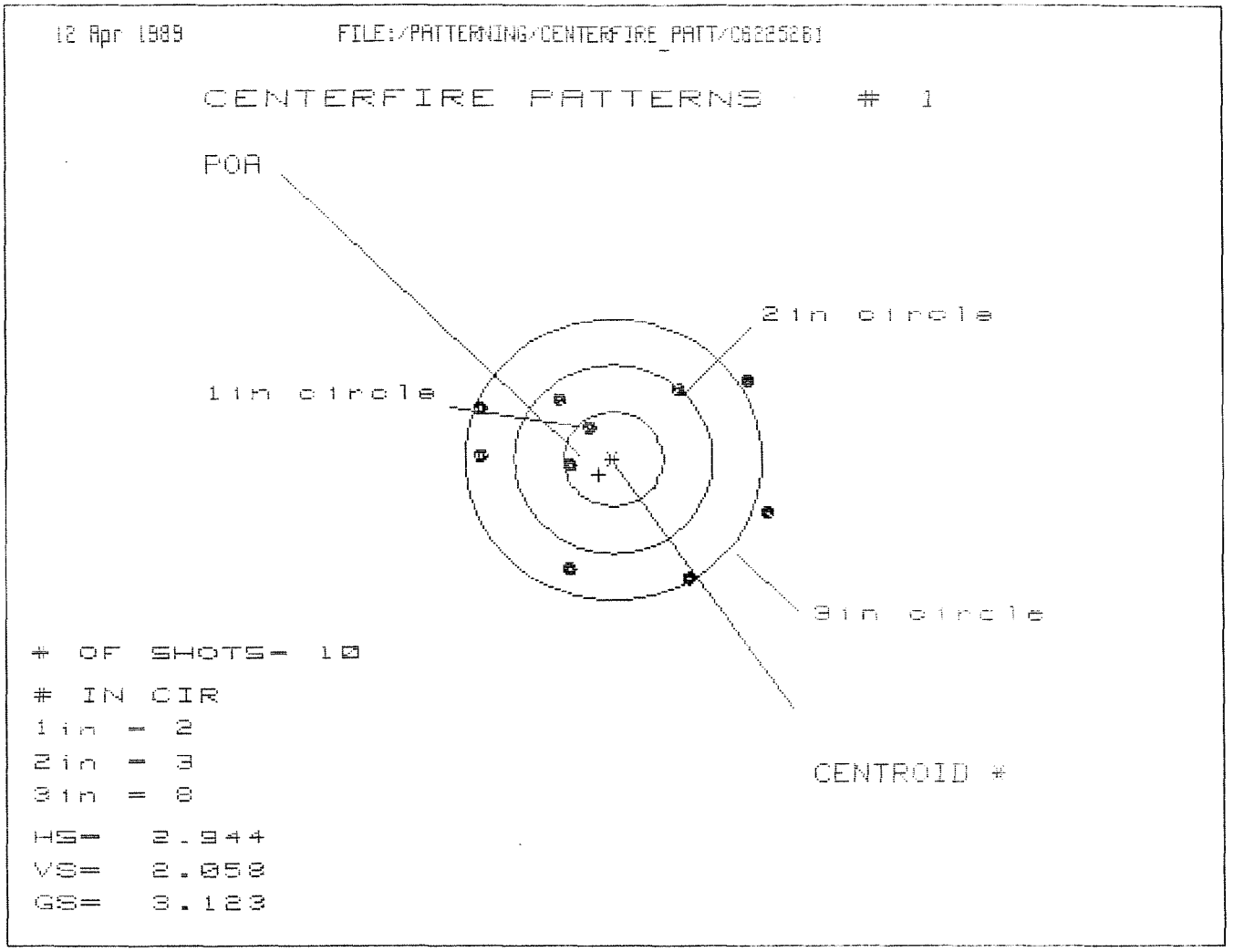
CENTROIDAL DISTANCES

Ø	TO	1	.216Ø86
1	TO	2	.366652
1	TO	3	.144361
1	TO	4	.66736
1	TO	5	.199529

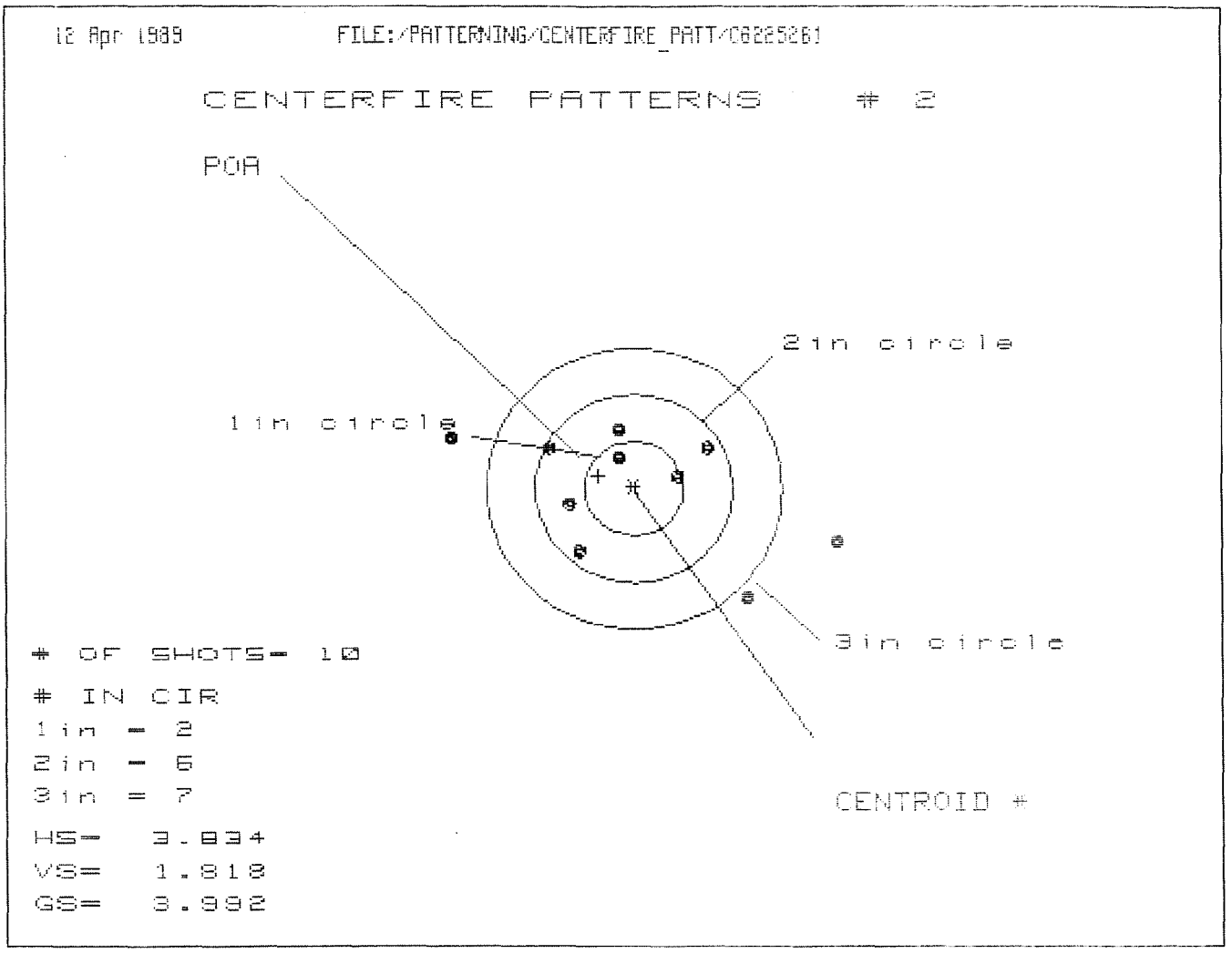


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2186
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.025
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .220025

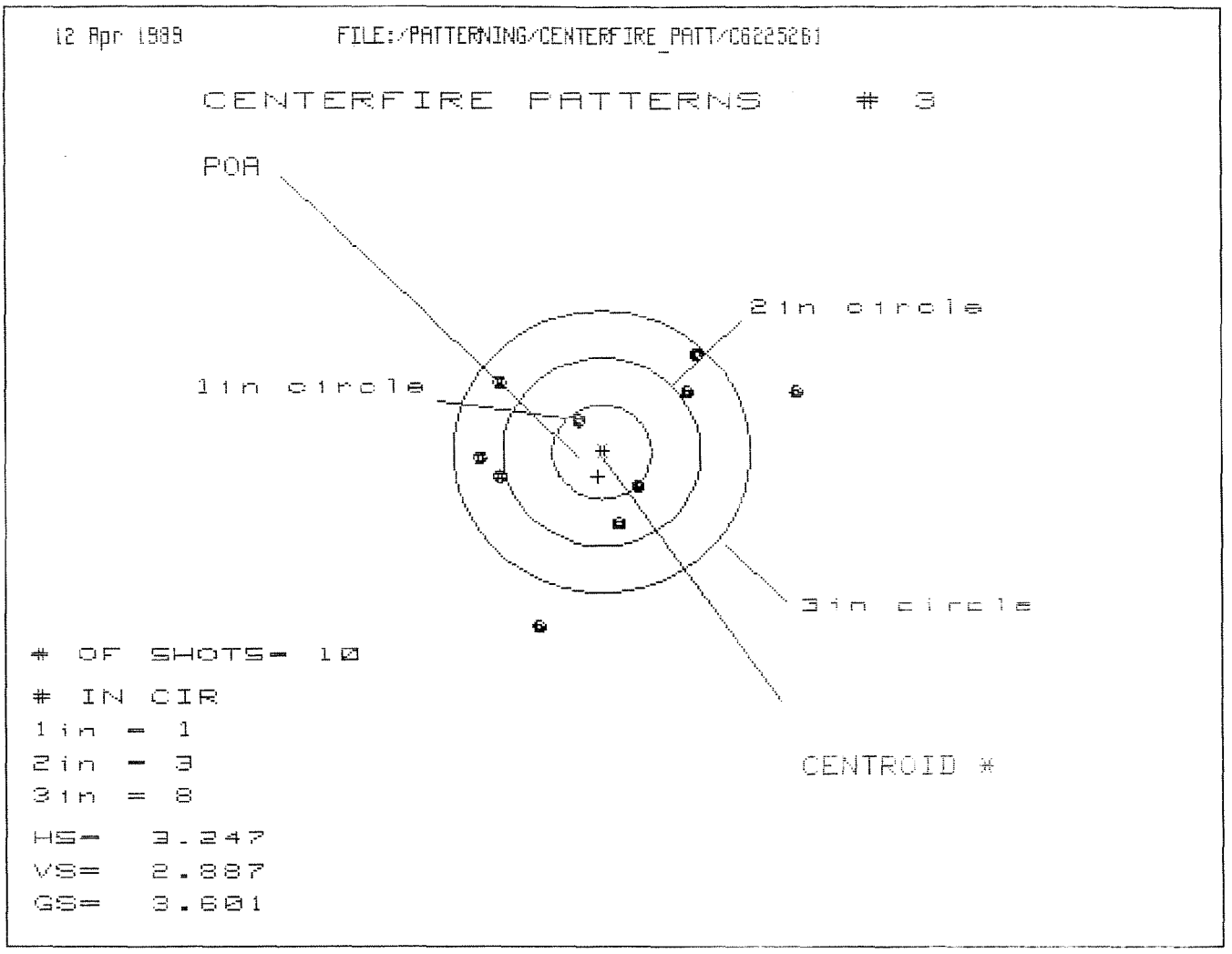
THE AMR FOR THIS RIFLE IS: 1.085



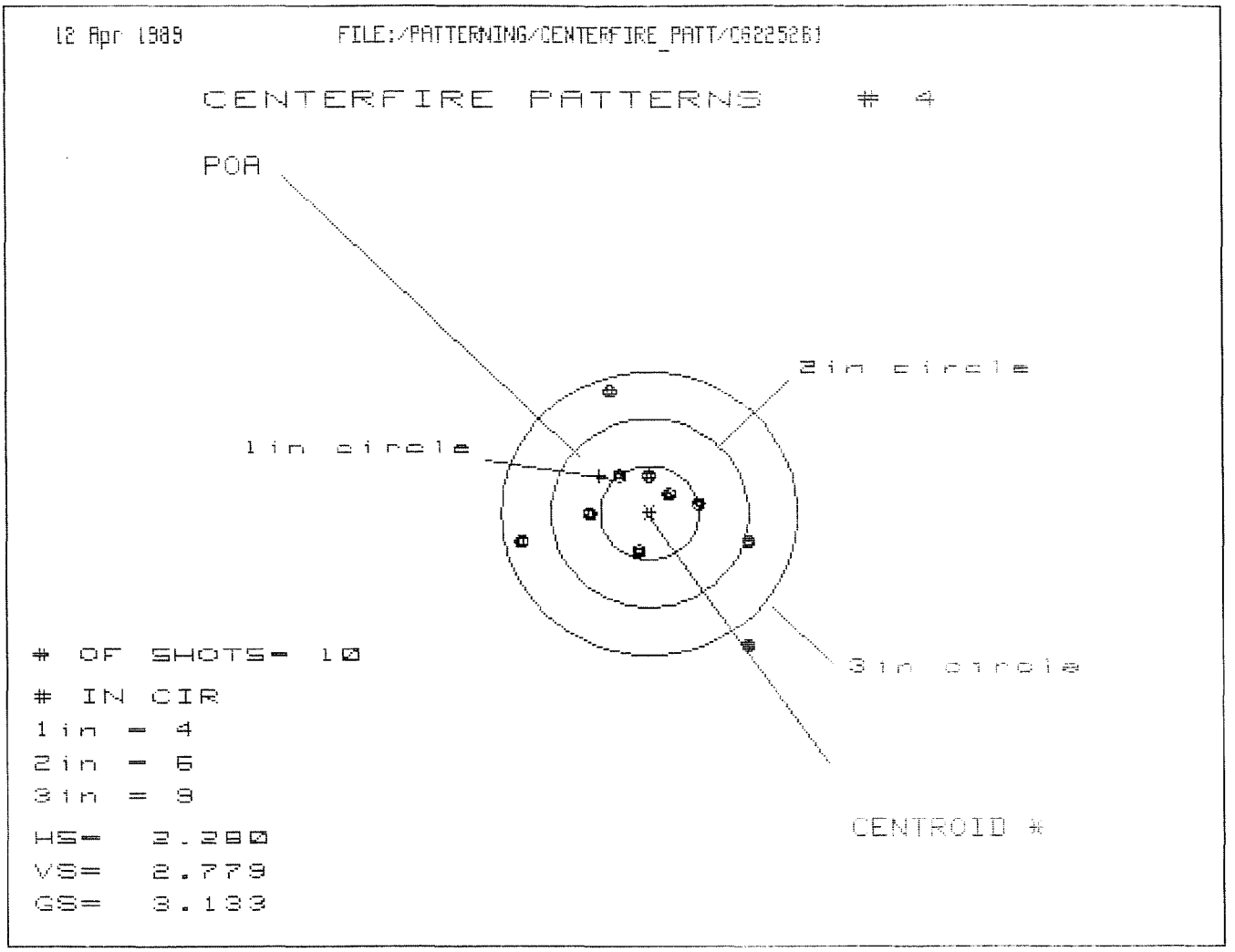
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.587	1.528	1.086
MINIMUM X	:	-1.357	-1.181	-.990
MAXIMUM Y	:	.805	.744	.816
MINIMUM Y	:	-1.253	-1.314	-1.221
CENTROID X	:	.143	-.033	-.224
CENTROID Y	:	.162	.223	.130
POA TO CENTROID in.	:	.216	.225	.259
MIN RADIUS	:	.378	.255	.076
MEAN RADIUS	:	1.142	1.036	.920
MAX RADIUS	:	1.679	1.700	1.634
HORIZONTAL SPREAD	:	2.944	2.709	2.076
VERTICAL SPREAD	:	2.058	2.058	2.037
EXTREME SPREAD	:	3.123	2.820	2.721
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	



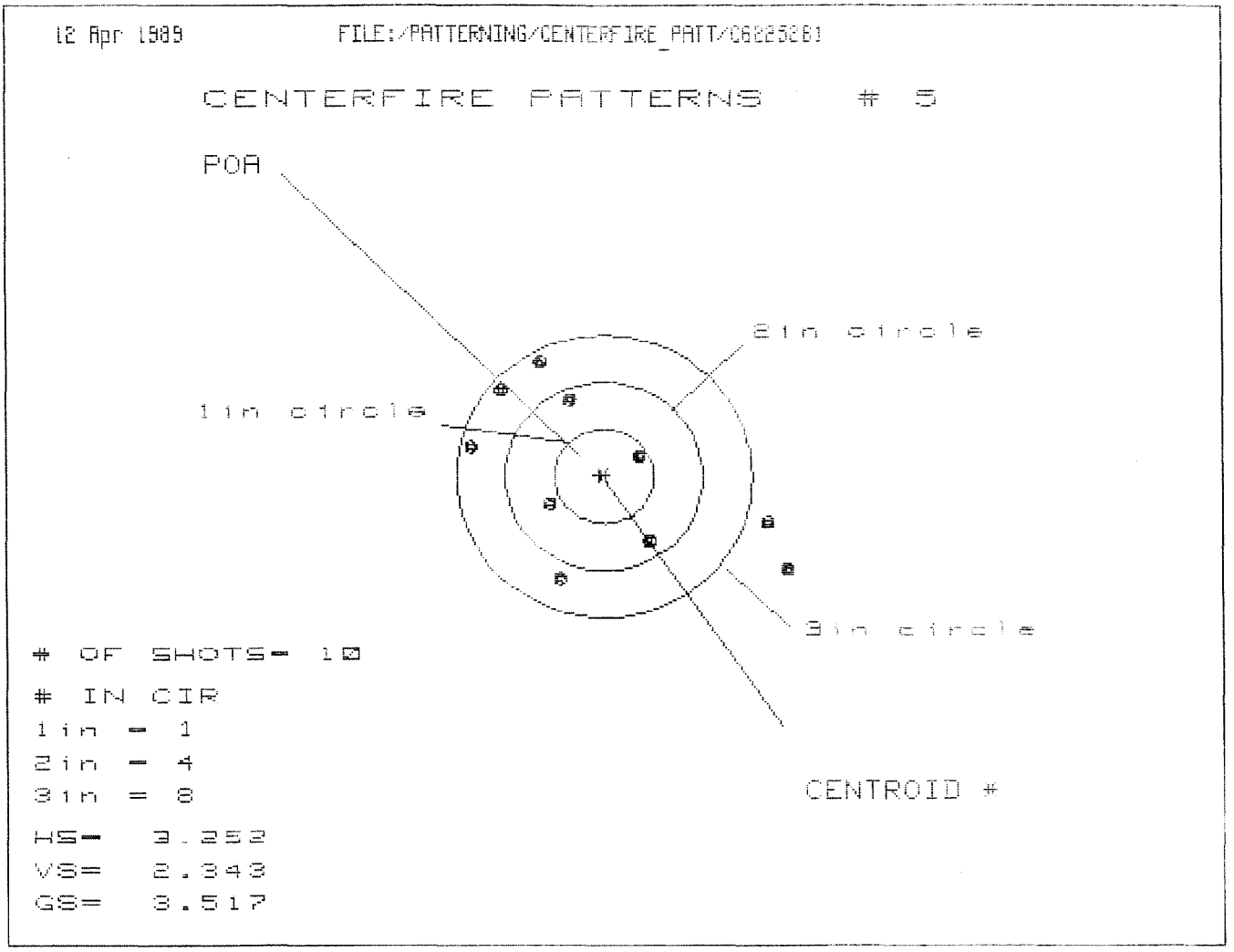
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.012	1.330	1.130
MINIMUM X	:	-1.822	-1.599	-.061
MAXIMUM Y	:	.623	.560	.619
MINIMUM Y	:	-1.195	-1.258	-1.199
CENTROID X	:	.358	.135	.335
CENTROID Y	:	-.135	-.072	-.131
POA TO CENTROID in.	:	.383	.153	.359
MIN RADIUS	:	.384	.325	.374
MEAN RADIUS	:	1.054	.906	.816
MAX RADIUS	:	2.091	1.831	1.648
HORIZONTAL SPREAD	:	3.834	2.929	1.991
VERTICAL SPREAD	:	1.818	1.818	1.818
EXTREME SPREAD	:	3.992	3.404	2.601
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN # :	3		
SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.966	1.214	1.162
MINIMUM X :	-1.281	-1.063	-1.115
MAXIMUM Y :	1.000	1.067	.840
MINIMUM Y :	-1.887	-1.820	-.896
CENTROID X :	.037	-.181	-.129
CENTROID Y :	.260	.193	.420
POA TO CENTROID in.:	.263	.265	.440
MIN RADIUS :	.478	.457	.253
MEAN RADIUS :	1.195	1.084	.966
MAX RADIUS :	2.057	1.867	1.434
HORIZONTAL SPREAD :	3.247	2.277	2.277
VERTICAL SPREAD :	2.887	2.887	1.736
EXTREME SPREAD :	3.601	3.315	2.522
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.003	1.113	1.071
MINIMUM X	:	-1.277	-1.167	-1.209
MAXIMUM Y	:	1.344	1.184	.431
MINIMUM Y	:	-1.435	-.560	-.412
CENTROID X	:	.506	.396	.438
CENTROID Y	:	-.398	-.238	-.386
POA TO CENTROID in.	:	.644	.462	.584
MIN RADIUS	:	.295	.303	.340
MEAN RADIUS	:	.828	.703	.638
MAX RADIUS	:	1.748	1.249	1.245
HORIZONTAL SPREAD	:	2.280	2.280	2.280
VERTICAL SPREAD	:	2.779	1.744	.843
EXTREME SPREAD	:	3.133	2.280	2.280
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



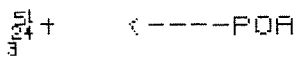
PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.893	1.859	.882
MINIMUM X	:	-1.359	-1.148	-.916
MAXIMUM Y	:	1.259	1.150	1.078
MINIMUM Y	:	-1.084	-1.193	-1.266
CENTROID X	:	.049	-.162	-.394
CENTROID Y	:	-.014	.095	.198
POA TO CENTROID in.	:	.051	.188	.428
MIN RADIUS	:	.437	.527	.498
MEAN RADIUS	:	1.204	1.074	.939
MAX RADIUS	:	2.132	1.948	1.266
HORIZONTAL SPREAD	:	3.252	3.007	1.798
VERTICAL SPREAD	:	2.343	2.343	2.343
EXTREME SPREAD	:	3.517	3.120	2.347
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225261
12 Jun 1989

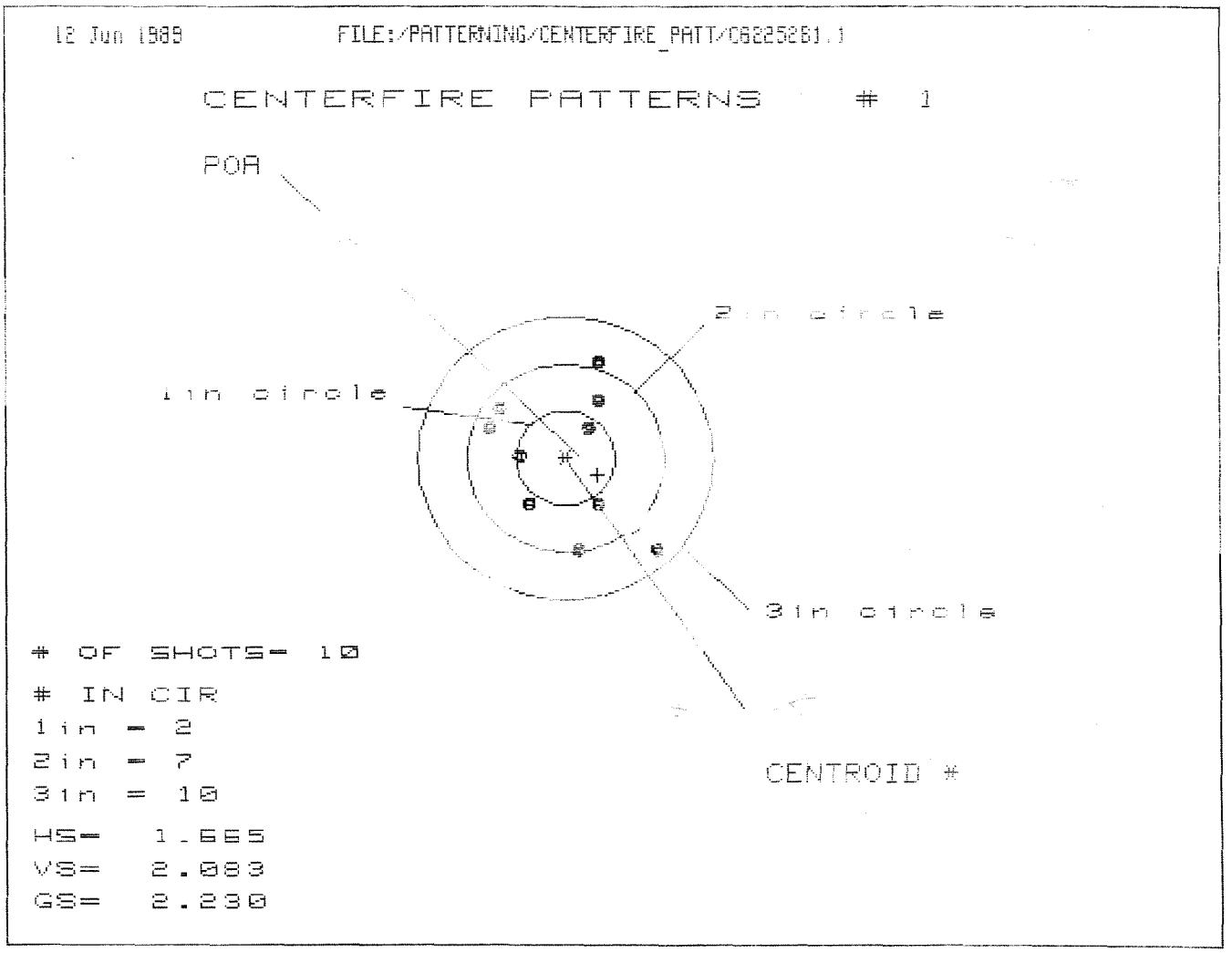
CENTROIDAL DISTANCES

Ø	TO	1	.371295
1	TO	2	.398273
1	TO	3	.670394
1	TO	4	.315626
1	TO	5	.18228

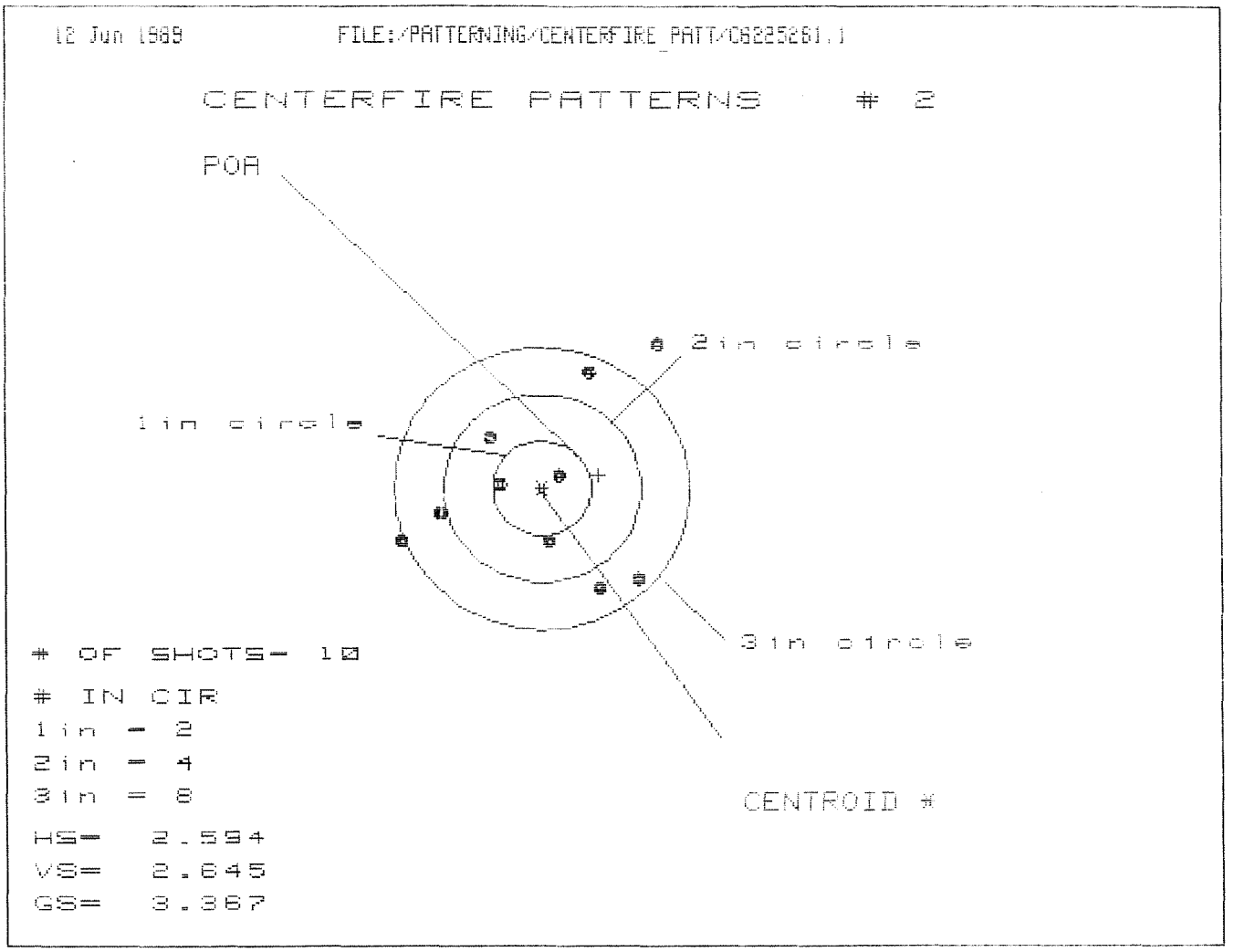


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4828
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0794
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .489285

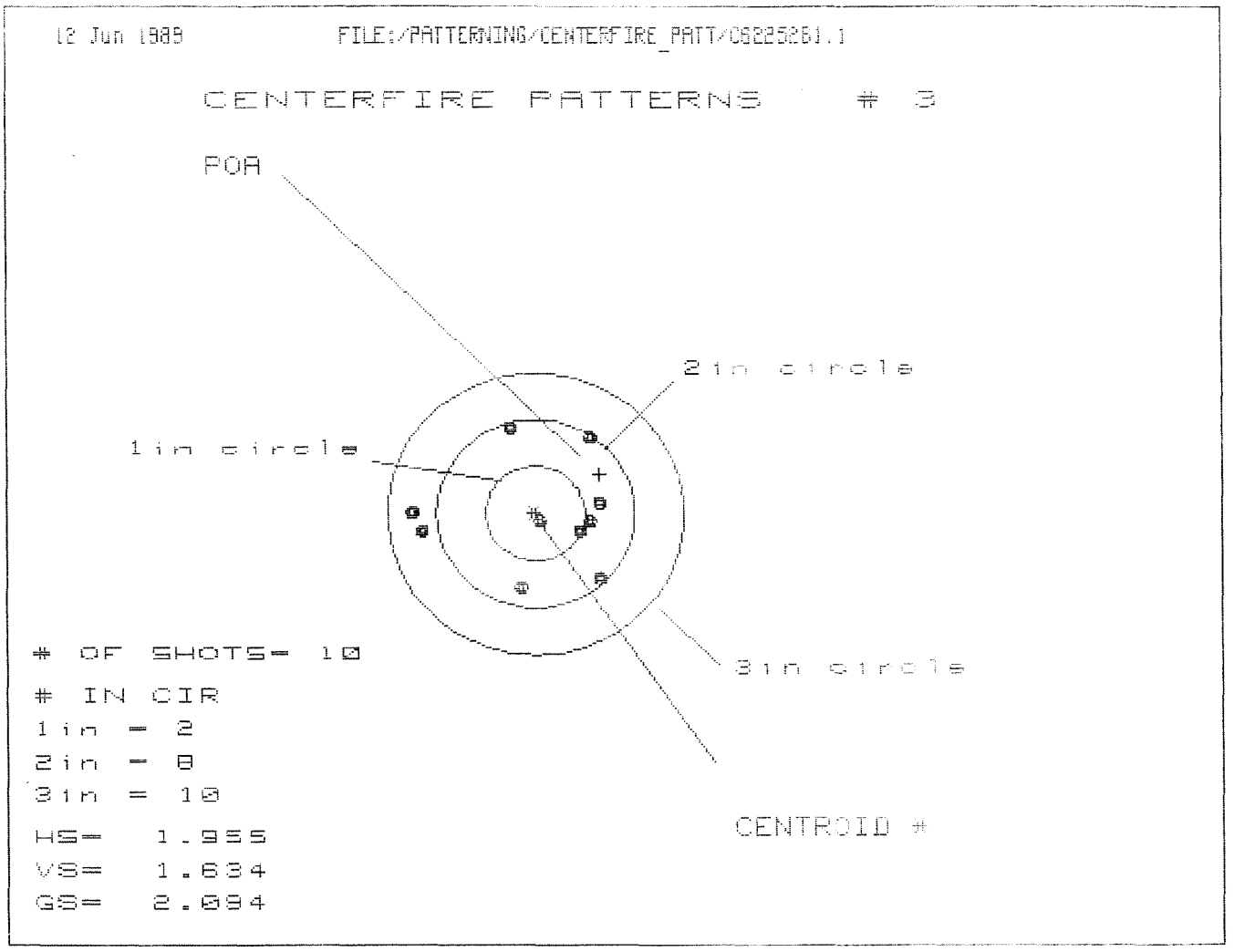
THE AMR FOR THIS RIFLE IS: .8582



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.908	.472	.495
MINIMUM X	:	-.757	-.656	-.597
MAXIMUM Y	:	1.072	.961	.673
MINIMUM Y	:	-1.011	-1.122	-1.002
CENTROID X	:	-.328	-.429	-.488
CENTROID Y	:	.174	.285	.165
POA TO CENTROID in.	:	.372	.515	.515
MIN RADIUS	:	.429	.386	.325
MEAN RADIUS	:	.800	.722	.668
MAX RADIUS	:	1.349	1.136	1.030
HORIZONTAL SPREAD	:	1.665	1.128	1.092
VERTICAL SPREAD	:	2.083	2.083	1.675
EXTREME SPREAD	:	2.230	2.103	1.745
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



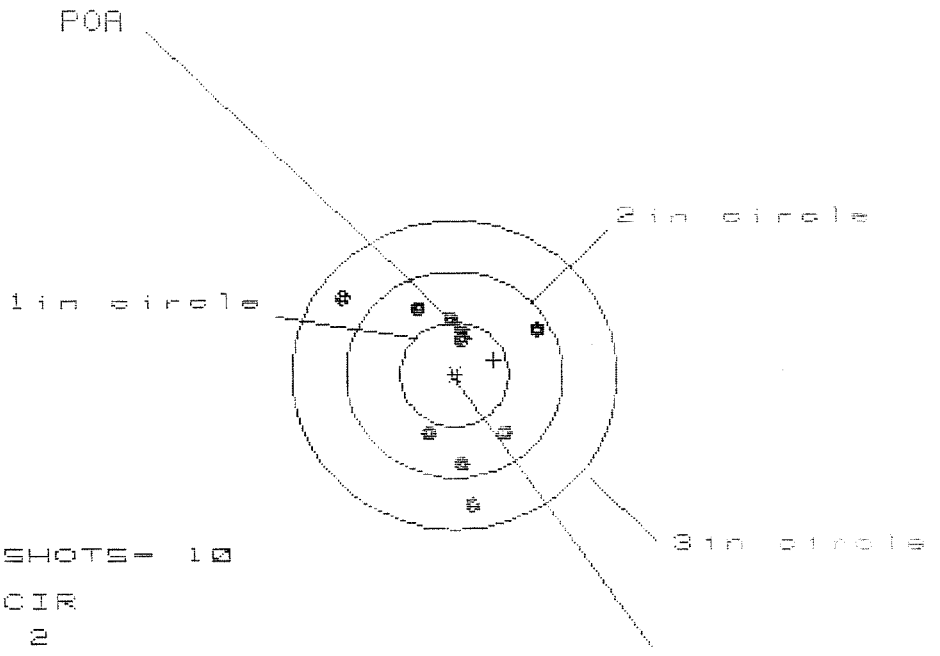
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.125	1.061	.893
MINIMUM X	:	-1.469	-1.344	-1.034
MAXIMUM Y	:	1.543	1.397	1.344
MINIMUM Y	:	-1.102	-.931	-.985
CENTROID X	:	-.573	-.698	-.530
CENTROID Y	:	-.140	-.311	-.257
POA TO CENTROID in.	:	.590	.764	.589
MIN RADIUS	:	.198	.309	.274
MEAN RADIUS	:	1.024	.910	.845
MAX RADIUS	:	1.910	1.517	1.408
HORIZONTAL SPREAD	:	2.594	2.405	1.927
VERTICAL SPREAD	:	2.645	2.328	2.328
EXTREME SPREAD	:	3.367	2.661	2.333
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.659	.515	.356
MINIMUM X	:	-1.296	-1.271	-.599
MAXIMUM Y	:	.897	.904	.882
MINIMUM Y	:	-.737	-.730	-.752
CENTROID X	:	-.650	-.506	-.347
CENTROID Y	:	-.414	-.421	-.399
POA TO CENTROID in.	:	.771	.658	.529
MIN RADIUS	:	.114	.122	.215
MEAN RADIUS	:	.786	.692	.584
MAX RADIUS	:	1.297	1.283	1.066
HORIZONTAL SPREAD	:	1.955	1.786	.955
VERTICAL SPREAD	:	1.634	1.634	1.634
EXTREME SPREAD	:	2.094	1.944	1.851
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

12 Jun 1989 FILE:/PATTERNING/CENTERFIRE_PATT/08225201.1

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

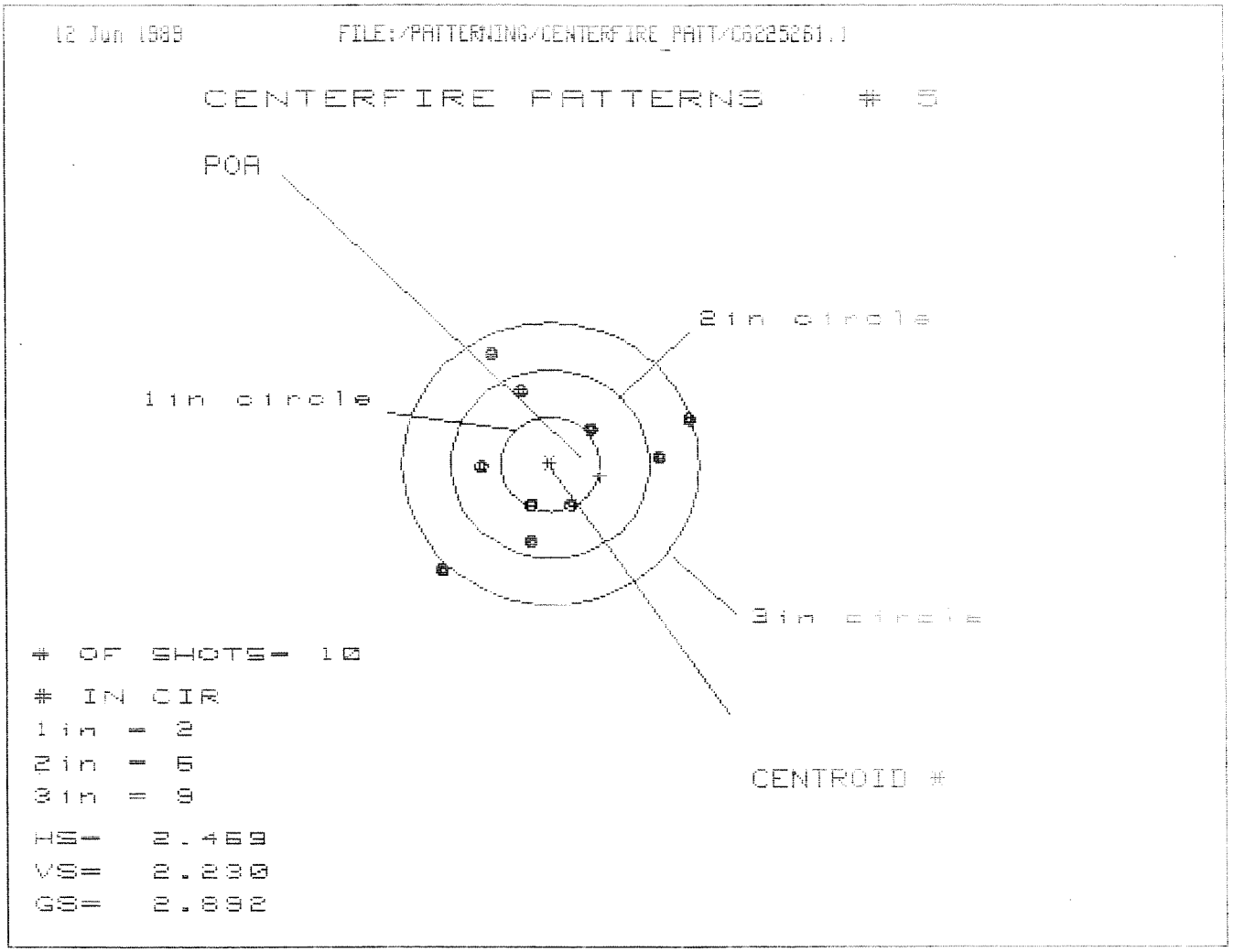
# IN CIR
1in = 2
2in = 8
3in = 10

HS= 1.737
VS= 1.967
GS= 2.311

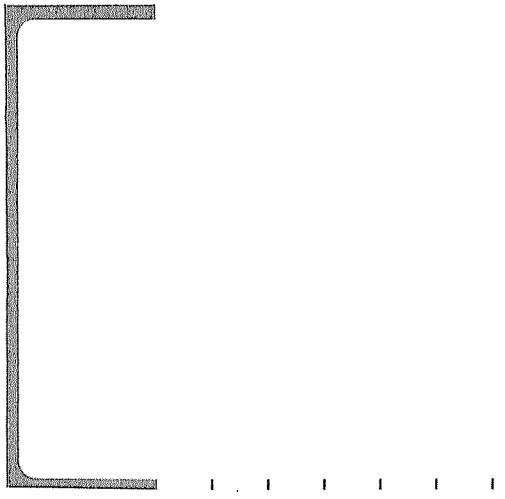
PATTERN # : 4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.725	.613	.624
MINIMUM X	:	-1.012	-.439	-.428
MAXIMUM Y	:	.744	.762	.620
MINIMUM Y	:	-1.223	-1.141	-.928
CENTROID X	:	-.360	-.248	-.259
CENTROID Y	:	-.140	-.222	-.080
POA TO CENTROID in.	:	.386	.333	.271
MIN RADIUS	:	.356	.448	.387
MEAN RADIUS	:	.768	.716	.631
MAX RADIUS	:	1.256	1.144	.928
HORIZONTAL SPREAD	:	1.737	1.052	1.052
VERTICAL SPREAD	:	1.967	1.903	1.548
EXTREME SPREAD	:	2.311	1.975	1.607

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 8
NUMBER IN THREE INCH CIRCLE = 10



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.358	1.235	1.115
MINIMUM X	:	-1.111	-.803	-.643
MAXIMUM Y	:	1.153	1.033	1.072
MINIMUM Y	:	-1.077	-.905	-.866
CENTROID X	:	-.503	-.380	-.534
CENTROID Y	:	.123	.243	.204
POA TO CENTROID in.	:	.518	.451	.572
MIN RADIUS	:	.466	.348	.495
MEAN RADIUS	:	.913	.842	.775
MAX RADIUS	:	1.547	1.272	1.198
HORIZONTAL SPREAD	:	2.469	2.038	1.764
VERTICAL SPREAD	:	2.230	1.938	1.938
EXTREME SPREAD	:	2.892	2.088	1.977
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



RECEIVING AND ESTIMATING REPORT

COMMENTS: M-24 SNIPER

ORDER: R 96-09644

INITIAL	CUSTOMER ORDER NO.
JJM	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
04/08/96	04/08/96	AJ 3-89	C6225261		700 7.62 NATO

ACCESSORIES: W/STUDS SCOPE BASE

FROM:

COMMANDER
B CO 1ST SPECIAL FORCES
COMMAND 3RD BN - BOX 339502
FT LEWIS WA 98433

SHIP TO:

COMMANDER
B CO 1ST SPECIAL FORCES
COMMAND 3RD BN - BOX 339502
FT LEWIS WA
98433

CUST NO: 141138 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

W52H09611G #342

PARTS

New Barrel - 96003

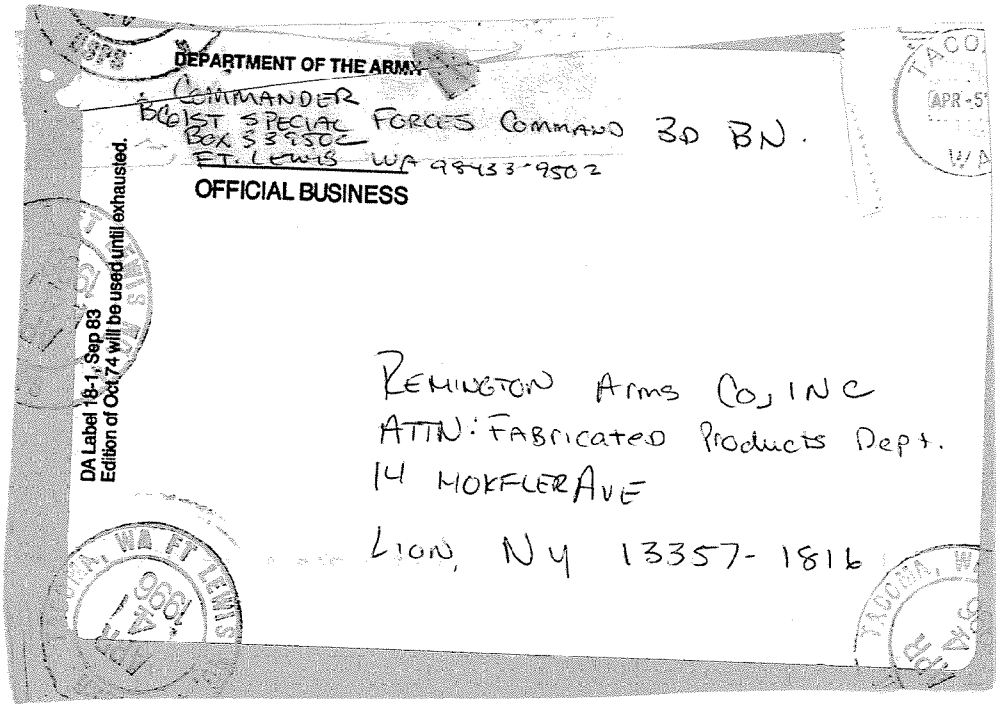
COMMENTS

Repowder Coat, Trigger Guard Assy, Front & Rear Sight Bases Re-Zero Scope Base & Swivel Studs.

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW					
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
	4/16/96	4/22/96	4/22/96	4/22/96	

OFFICE COPY

RD6925 REV. 1/94


DEPARTMENT OF THE ARMY
COMMANDER
BG 1ST SPECIAL FORCES COMMAND 3D BN.
BOX 339502
FT. LEWIS WA 98433-9502
OFFICIAL BUSINESS
DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted.
REMINGTON Arms Co, INC
ATTN: FABRICATED Products Dept.
14 HOEFLER AVE
LION, NY 13357-1816

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
Bc 3rd Bat 1SFG	M24 SNIPER WEAPON

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION

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 materiel 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

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
		All Rifles Over 8000 rds need rebarreling. —		
		C634 8962		
		C634 8935		
		C6225551		
		C6225188	All	
		C6225261	Need	
		C634 8966	TI,	
		C6225469	Triggers etc	
		C6225561		
		C634 8948		
		C6225579		
		C634 8942		
		C634 9171		

DA FORM 2404 1 APR 79 — Replaces edition of 1 Jan 64, which will be used

Barrel

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225261

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		4/15/96	RW
600	Proof		4/15/96	RW
607	Check Headspace		4/15/96	RW
610	Dis-assemble Gun		4/15/96	RW
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		4/22/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/22/96	RW
	C) Inspect Ejector Hole for Chamfer		4/22/96	RW
	D) Oil Firing Pin Ass'y		4/22/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	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		4/22/96	AH
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clearity of Scope			
645	Inspect for Live Ammo		4/22/96	AH
655	Final Inspection A) Headspace		4/24/96	RW
	B) Trigger Pull		4/24/96	RW
	C) Function		4/24/96	RW
660	Pack			

SWS/Repair

Final Inspection

Sn: C6225261 | Date Rec'd: 4/8/96 | 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: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225261
22 Feb 1900

CENTROIDAL DISTANCES

0	TO	1	.604549
1	TO	2	.224864
1	TO	3	1.03257
1	TO	4	.294009
1	TO	5	.576008

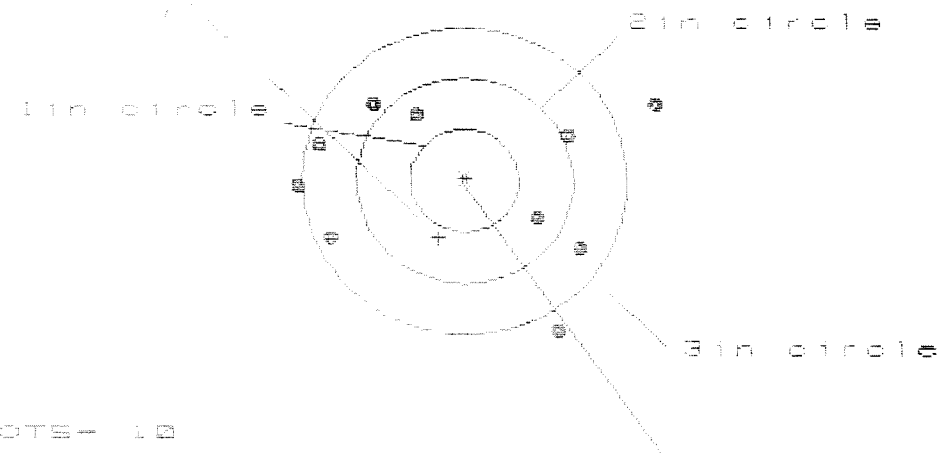
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5642
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3238
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .650514

THE AMR FOR THIS RIFLE IS: 1.114

28 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225251

CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

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

HS= 3.365
VS= 2.241
GS= 3.472

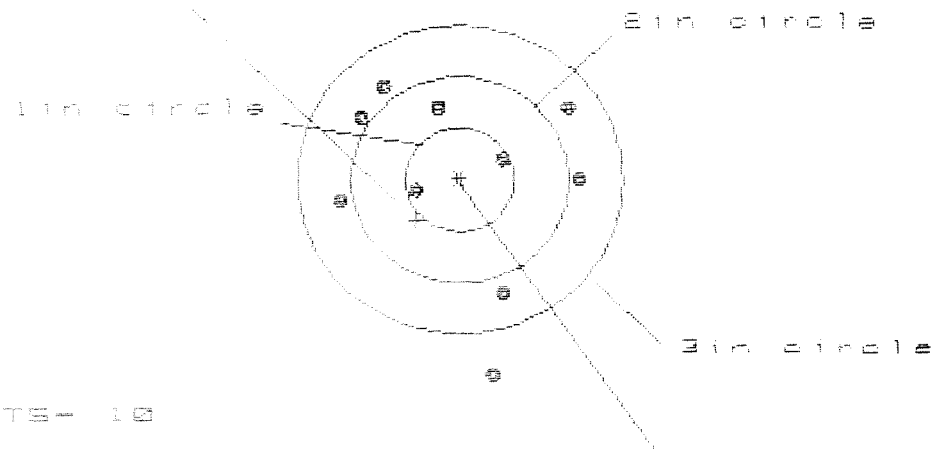
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.785	1.299	1.432
MINIMUM X	:	-1.581	-1.383	-1.250
MAXIMUM Y	:	.789	.797	.626
MINIMUM Y	:	-1.452	-1.364	-.757
CENTROID X	:	.242	.044	-.089
CENTROID Y	:	.554	.466	.636
POA TO CENTROID in.	:	.604	.468	.643
MIN RADIUS	:	.774	.783	.588
MEAN RADIUS	:	1.290	.208	1.103
MAX RADIUS	:	1.952	[illegible]	1.620
HORIZONTAL SPREAD	:	3.366	[illegible]	2.682
VERTICAL SPREAD	:	2.241	[illegible]	1.384
EXTREME SPREAD	:	3.472	[illegible]	2.751

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

28 Feb 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C0225261

CENTERFIRE PATTERNS # 2

POA



OF SHOTS= 10

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

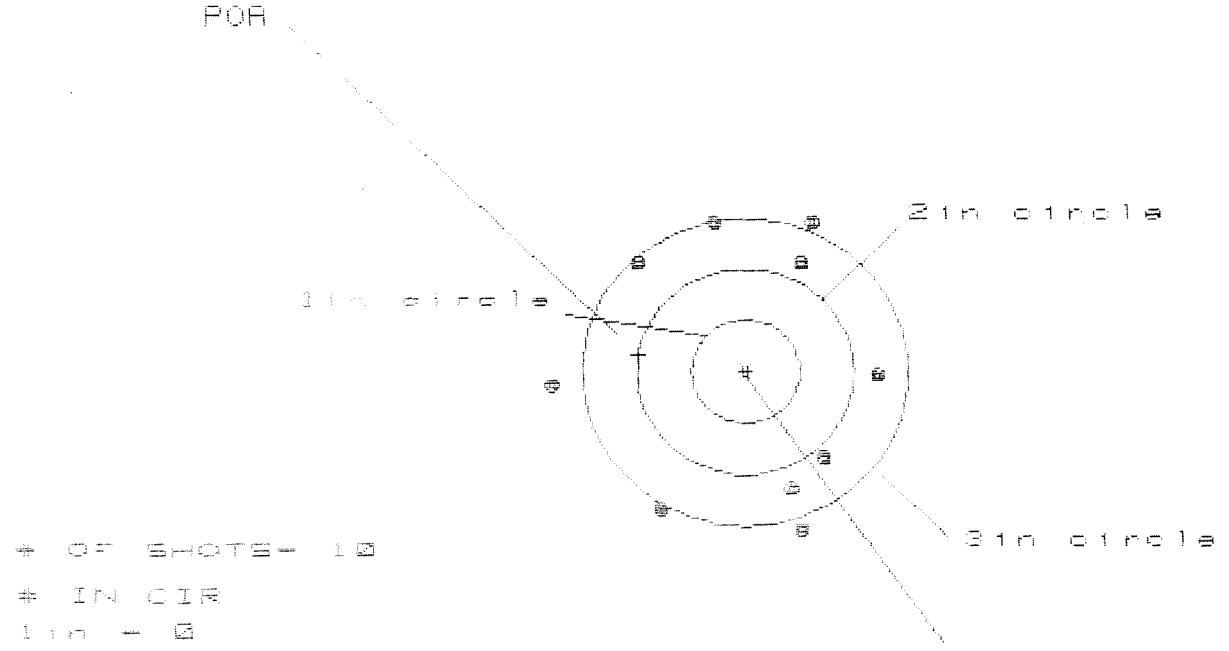
HS= 2.284
VS= 2.778
CS= 8.943

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.147	1.179	1.305
MINIMUM X	:	-1.147	-1.115	-.989
MAXIMUM Y	:	.918	.712	.773
MINIMUM Y	:	-1.858	-1.252	-1.191
CENTROID X	:	.402	.370	.244
CENTROID Y	:	.396	.602	.541
POA TO CENTROID in.	:	.564	.707	.594
MIN RADIUS	:	.392	.463	.330
MEAN RADIUS	:	1.032	.907	.868
MAX RADIUS	:	1.880	1.339	1.316
HORIZONTAL SPREAD	:	2.294	1.644	2.294
VERTICAL SPREAD	:	2.776	1.964	1.964
EXTREME SPREAD	:	2.943	2.301	2.303
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/06225281

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

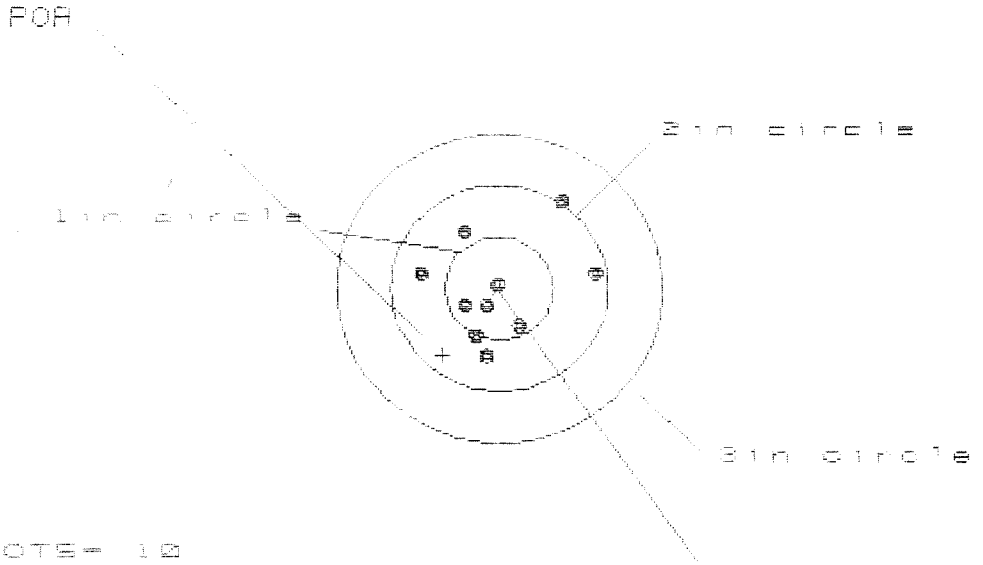
# IN CIR
1in = 0
2in = 0
3in = 5

HS= 2.973
VS= 3.016
CS= 3.111

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.182	.983	1.018
MINIMUM X	:	-1.791	-1.162	-1.127
MAXIMUM Y	:	1.482	1.462	1.268
MINIMUM Y	:	-1.534	-1.554	-1.563
CENTROID X	:	.986	1.185	1.150
CENTROID Y	:	-.162	-.142	.053
POA TO CENTROID in.	:	.999	1.193	1.151
MIN RADIUS	:	1.075	.969	.866
MEAN RADIUS	:	1.400	1.328	1.284
MAX RADIUS	:	1.800	1.678	1.822
HORIZONTAL SPREAD	:	2.973	2.145	2.145
VERTICAL SPREAD	:	3.016	3.016	2.830
EXTREME SPREAD	:	3.111	[illegible]	3.095
NUMBER IN ONE INCH CIRCLE	=			
NUMBER IN TWO INCH CIRCLE	=			
NUMBER IN THREE INCH CIRCLE	=			

22 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225281

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 5

2 in = 9

3 in = 10

HS= 1.563

VS= 1.534

OS= 1.686

PATTERN # : 4

SHOTS (BEST OF)	10	9	9
MAXIMUM X	.893	.962	.935
MINIMUM X	-.690	-.621	-.501
MAXIMUM Y	.885	.600	.634
MINIMUM Y	-.639	-.540	-.506
CENTROID X	.517	.448	.328
CENTROID Y	.658	.559	.525
POA TO CENTROID in.	.837	.717	.619
MIN RADIUS	.046	.095	.107
MEAN RADIUS	.538	.448	.367
MAX RADIUS	1.078	1.001	.640
HORIZONTAL SPREAD	1.583	.963	.836
VERTICAL SPREAD	1.524		1.140
EXTREME SPREAD	1.60[illegible]		1.153

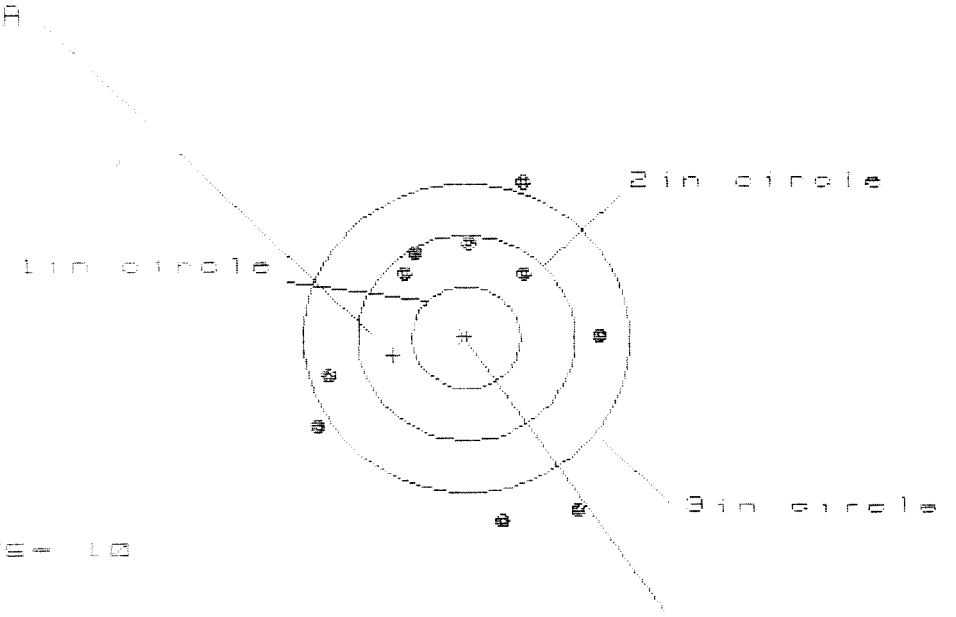
NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

28 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C8225281

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 6
2in = 4
3in = 8

HS= 2.540
VS= 3.280
GS= 3.280

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.182	1.296	1.348
MINIMUM X	:	-1.358	-1.244	-1.192
MAXIMUM Y	:	1.542	1.360	1.120
MINIMUM Y	:	-1.738	-1.920	-1.318
CENTROID X	:	.674	.560	.508
CENTROID Y	:	.173	.355	.595
POA TO CENTROID in.	:	.695	.663	.782
MIN RADIUS	:	.828	.650	.473
MEAN RADIUS	:	1.307	1.188	1.022
MAX RADIUS	:	1.932	1.964	1.777
HORIZONTAL SPREAD	:	2.540	[illegible]	2.540
VERTICAL SPREAD	:	3.280	3.280	2.438
EXTREME SPREAD	:	3.[illegible]	[illegible]291	3.100
NUMBER IN ONE INCH CIRCLE	=	[illegible]	5	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	