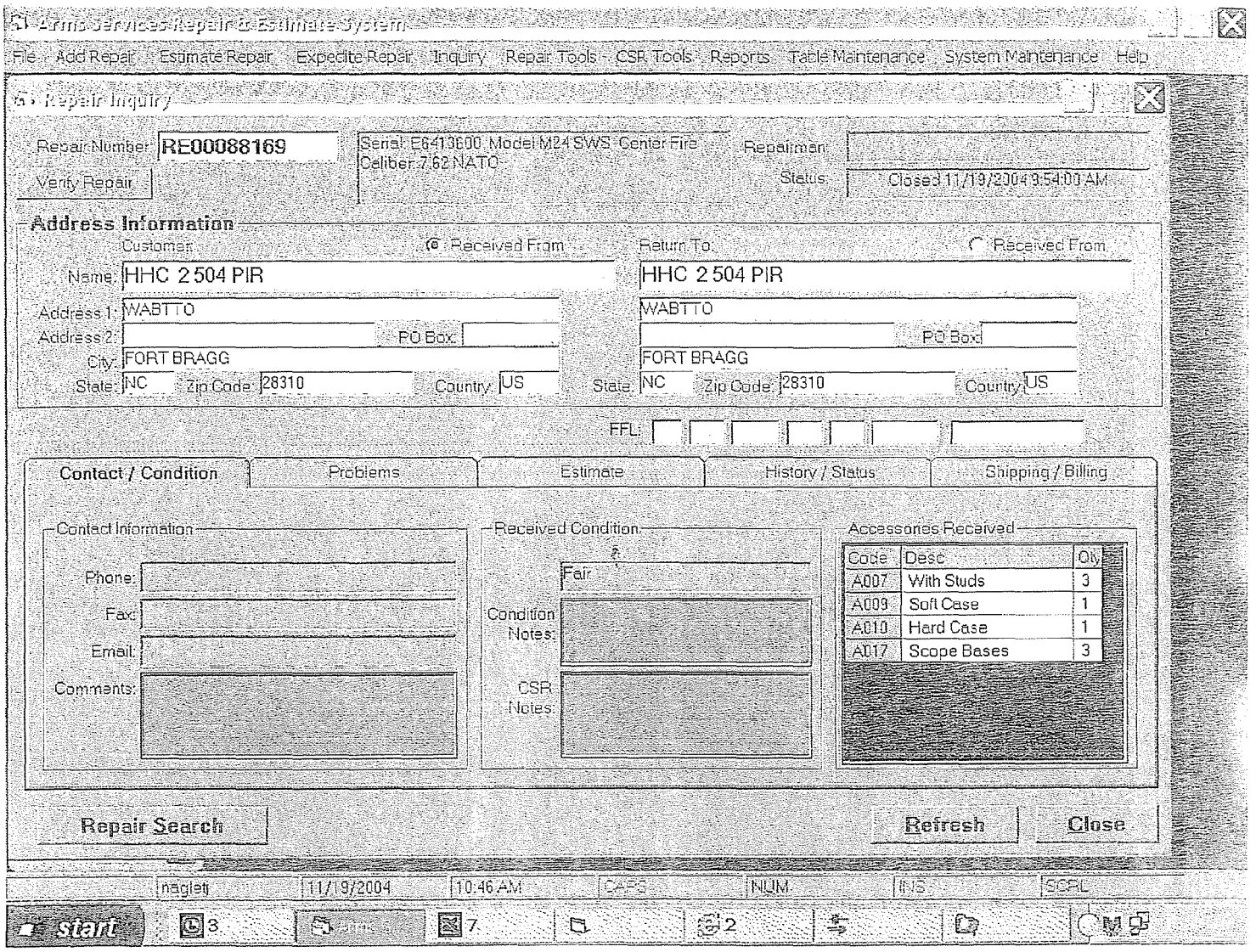
G 636 0938
Rem Arms
E 641 3400



G 6360938

Serial Number: E6413600

Model: M24 SWS

RE00088169

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360938.__0
FILE DATE AND TIME: 12/10/2004 19:37

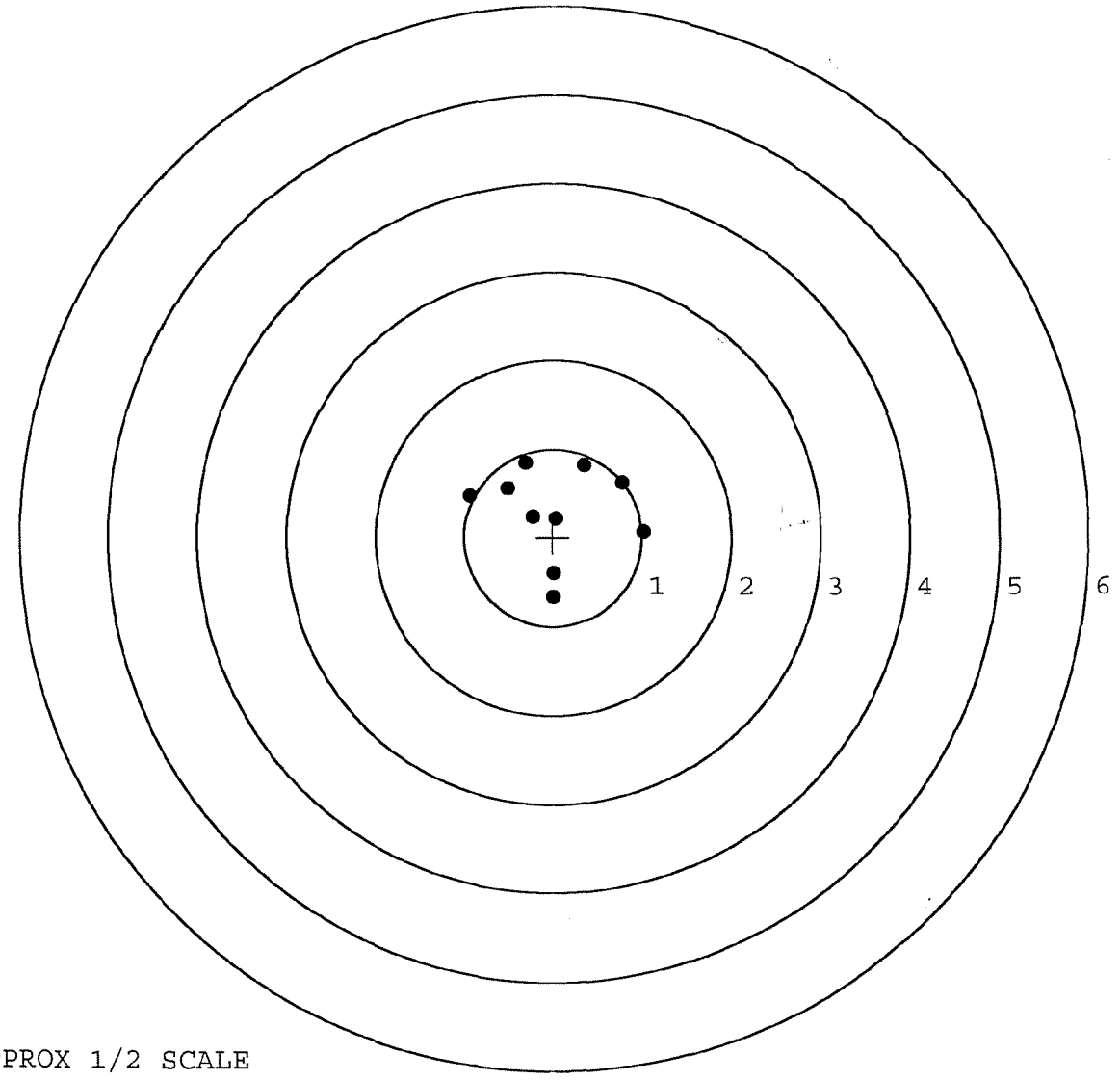
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	-0.058
The Average Point of Impact of the Five Target Set:	0.079
The Average Mean Radius of the Five Target Set:	0.811
The Distance from POA to Centroid Target #1:	0.272
The Distance from Centroid Target #2 to Centroid Target #1:	0.456
The Distance from Centroid Target #3 to Centroid Target #1:	0.594
The Distance from Centroid Target #4 to Centroid Target #1:	0.219
The Distance from Centroid Target #5 to Centroid Target #1:	0.470

SERIAL NUMBER: G6360938.__0
TARGET NUMBER: 1
FILE DATE: 12/10/2004
FILE TIME: 19:37

X CENTROID:	0.023
Y CENTROID:	0.271
POA TO CENTROID:	0.272
HORZ SPREAD:	1.962
VERT SPREAD:	1.527
GROUP SPREAD:	2.004
MIN RADIUS:	0.066
MAX RADIUS:	1.024
MEAN RADIUS:	0.670
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.026	0.065
2:	0.780	0.626
3:	0.348	0.815
4:	0.038	0.207
5:	-0.221	0.227
6:	-0.313	0.843
7:	-0.510	0.557
8:	-0.936	0.471
9:	0.011	-0.418
10:	0.003	-0.684

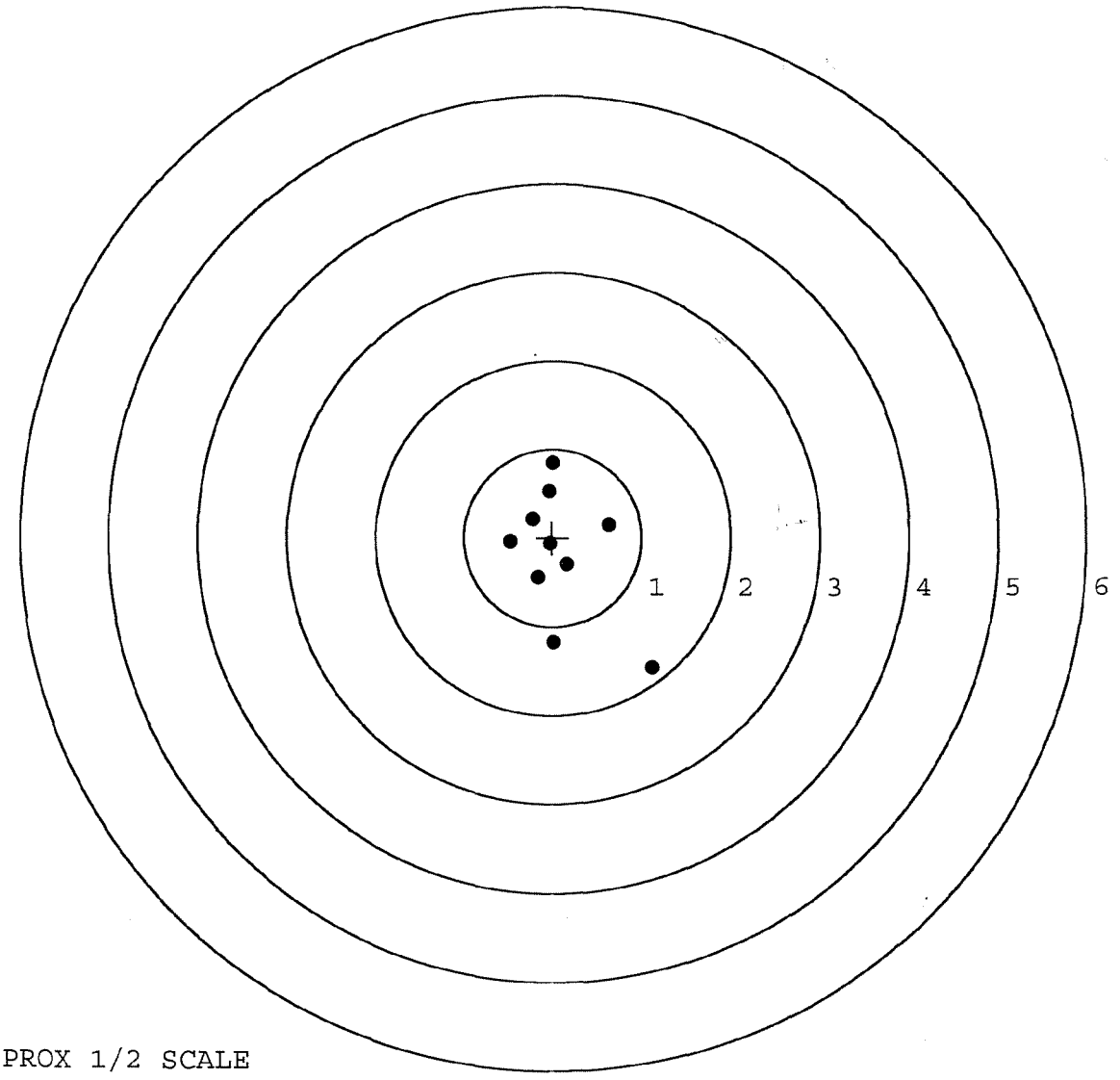


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360938.__0
TARGET NUMBER: 2
FILE DATE: 12/10/2004
FILE TIME: 19:37

X CENTROID:	0.100
Y CENTROID:	-0.179
POA TO CENTROID:	0.205
HORZ SPREAD:	1.602
VERT SPREAD:	2.307
GROUP SPREAD:	2.564
MIN RADIUS:	0.139
MAX RADIUS:	1.642
MEAN RADIUS:	0.681
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.124	-1.462
2:	0.014	-1.185
3:	0.637	0.148
4:	0.004	0.845
5:	-0.044	0.523
6:	-0.223	0.208
7:	-0.478	-0.045
8:	-0.033	-0.070
9:	0.165	-0.301
10:	-0.170	-0.449

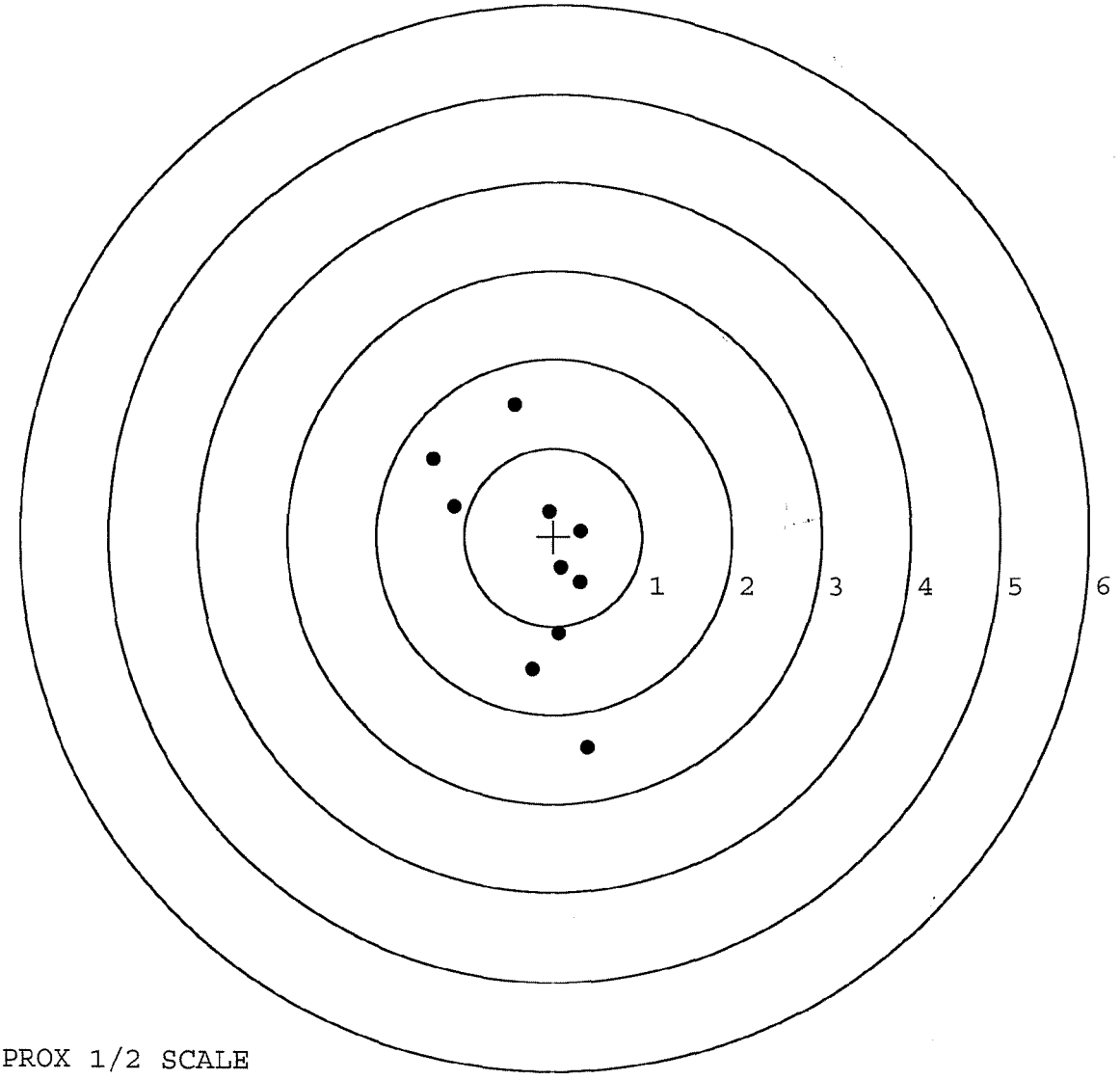


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360938.__0
TARGET NUMBER: 3
FILE DATE: 12/10/2004
FILE TIME: 19:37

X CENTROID:	-0.206
Y CENTROID:	-0.277
POA TO CENTROID:	0.346
HORZ SPREAD:	1.748
VERT SPREAD:	3.867
GROUP SPREAD:	3.956
MIN RADIUS:	0.301
MAX RADIUS:	2.182
MEAN RADIUS:	1.082
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	0.391	-2.376
2:	-0.239	-1.493
3:	0.065	-1.081
4:	-1.122	0.334
5:	-1.357	0.876
6:	-0.444	1.491
7:	-0.056	0.286
8:	0.310	0.058
9:	0.085	-0.351
10:	0.302	-0.518

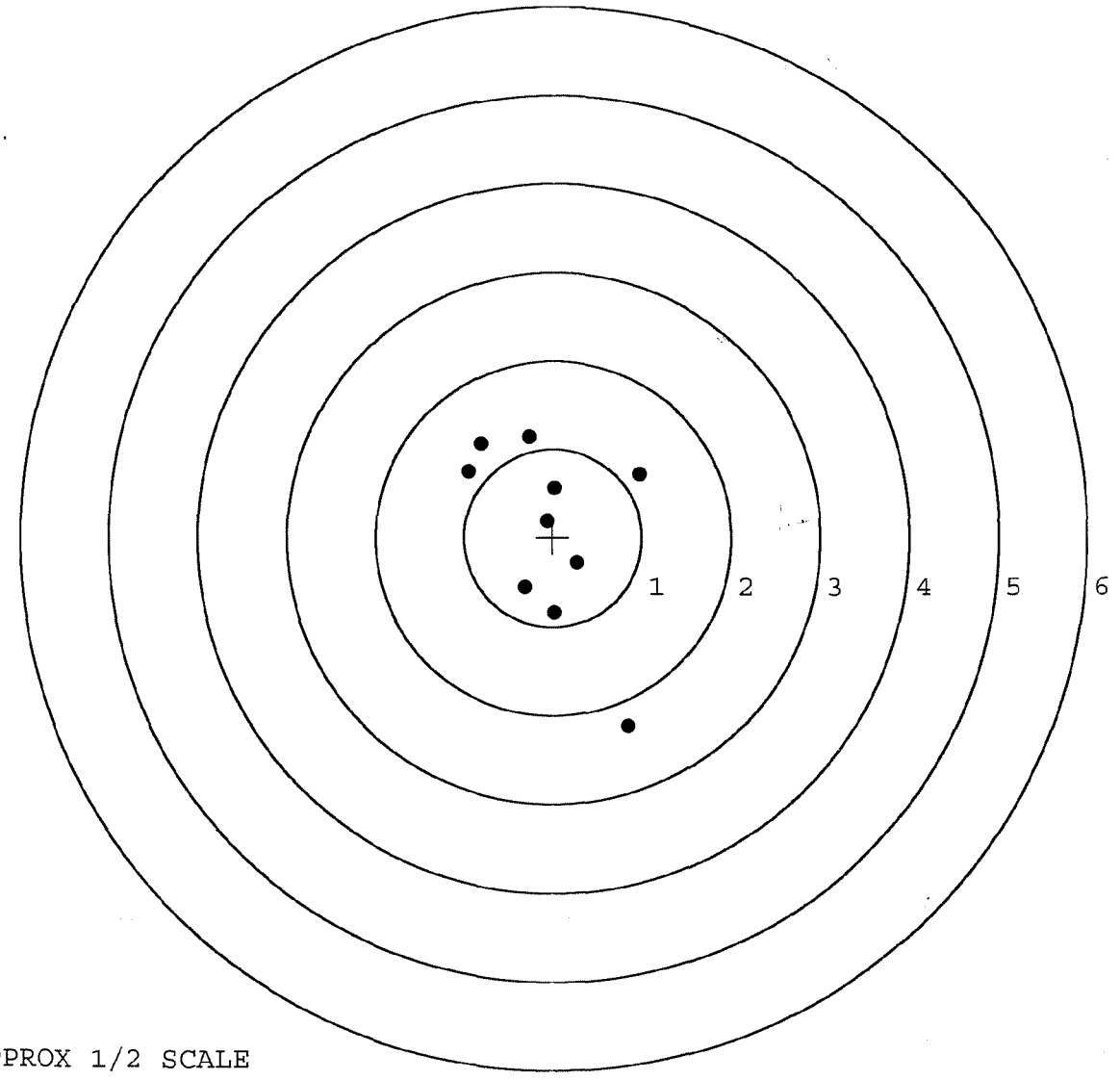


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360938.__0
TARGET NUMBER: 4
FILE DATE: 12/10/2004
FILE TIME: 19:37

X CENTROID:	-0.027
Y CENTROID:	0.058
POA TO CENTROID:	0.064
HORZ SPREAD:	1.928
VERT SPREAD:	3.256
GROUP SPREAD:	3.593
MIN RADIUS:	0.129
MAX RADIUS:	2.348
MEAN RADIUS:	0.977
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.977	0.718
2:	-0.272	1.134
3:	0.019	0.558
4:	-0.066	0.181
5:	0.279	-0.288
6:	-0.315	-0.563
7:	0.020	-0.851
8:	0.847	-2.122
9:	-0.810	1.066
10:	-0.951	0.744

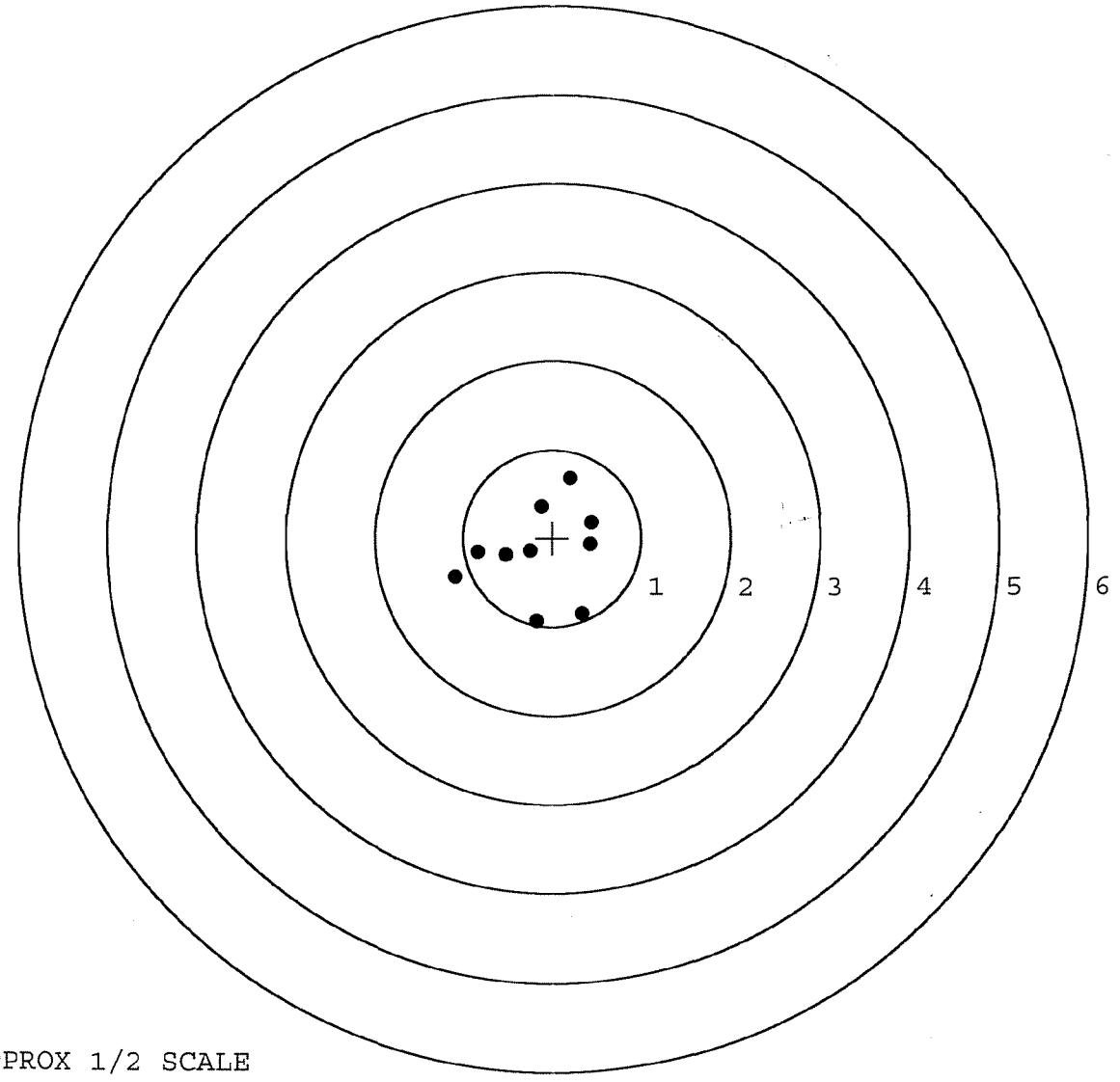


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360938.__0
TARGET NUMBER: 5
FILE DATE: 12/10/2004
FILE TIME: 19:37

X CENTROID:	-0.159
Y CENTROID:	-0.163
POA TO CENTROID:	0.228
HORZ SPREAD:	1.533
VERT SPREAD:	1.619
GROUP SPREAD:	1.709
MIN RADIUS:	0.090
MAX RADIUS:	0.974
MEAN RADIUS:	0.646
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.340	-0.866
2:	-0.177	-0.941
3:	-1.092	-0.443
4:	-0.834	-0.160
5:	-0.522	-0.198
6:	-0.249	-0.153
7:	0.430	-0.076
8:	0.441	0.177
9:	0.198	0.678
10:	-0.128	0.355



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	88169		
SERIAL NUMBER	~~E6413600~~	G 6360 938	
LOG-IN DATE	11-15-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-24-04	AC
560 A	RE-BARREL	12-1-04	RTL
B	DRILL AND TAP	12-3-04	TRW
575	ASSEMBLE	12-2-04	RTL
600	PROOF	12-2-04	RTL
605	CHECK HEADSPACE	12-2-04	RTL
610	DIS-ASSEMBLE GUN	12-3-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	12-3-04	SB
618	ROTO-BLAST	12-6-04	LB
620	APPLY COATINGS	12/7/04	HP
625 A	FINAL ASSEMBLY	12-10-04	ROL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-10-04	TRW
655	FINAL INSPECT	12-13-04	AC
660	PACK	12/13/04	QA
		SHIP DATE	
	QAR INSPECTION DATE		

BARBER - M24 0082752

RECEIVING AND ESTIMATING REPORT

COMMENTS: WOG 2 OF 3 M-24

ORDER: R 99-06372

INITIAL	CUSTOMER ORDER NO.
RLP	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
02/27/99	03/06/99	OM 7-92	[redacted]	EC413600	700 7.62	NATO

ACCESSORIES: W/STUDS SCOPE BASE HARD CASE

FROM:

DEPT OF THE ARMY
ATTN: SSG MERRIMAN
HHC 2ND 504 P I R
FORT BRAGG NC 28307

SHIP TO:

DEPT OF THE ARMY
ATTN. SSG MERRIMAN
HHC 2ND 504 P I R
FORT BRAGG NC 28307

CUST NO: 206661 C-01-DL

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 - 96001
Receiver - 96004
Bolt Assy - 96005

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
RW			4-21-99	4-21-99	

WITH GUN

RD6925 REV. 7/97

Remington Test Lab, Ilion, N.Y.

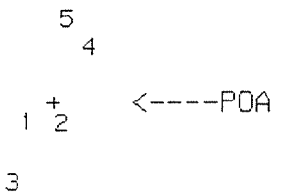
Centroidal distance calculations for Rifle # e6413600
22 Apr 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0216
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0252
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0331904

THE AMR FOR THIS RIFLE IS: 1.209

CENTROIDAL DISTANCES

0	TO	1	.228079
1	TO	2	.231262
1	TO	3	.41794
1	TO	4	.661593
1	TO	5	.741723

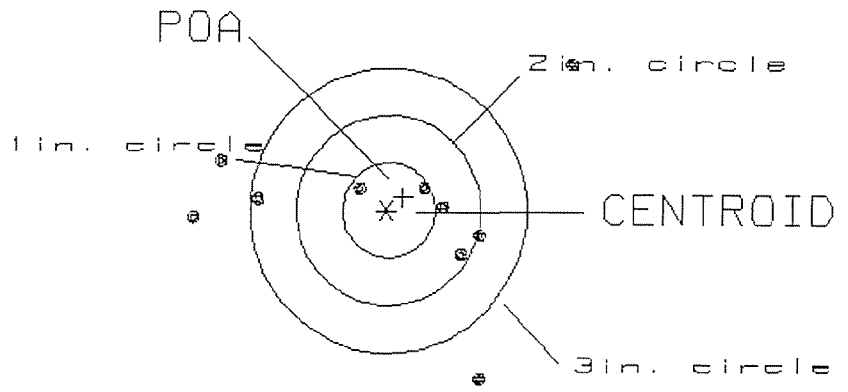


REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:		1
POA TO CENTROID:		.228
MIN RADIUS	:	.400
MEAN RADIUS	:	1.336
MAX RADIUS	:	2.509
CENTROID X	:	-.186
CENTROID Y	:	-.132

22 Apr 1999 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413600

CENTERFIRE PATTERN # 1



# OF SHOTS= 10	# IN CIRCLE
HS= 4.18	2
VS= 3.20	4
GS= 4.46	6

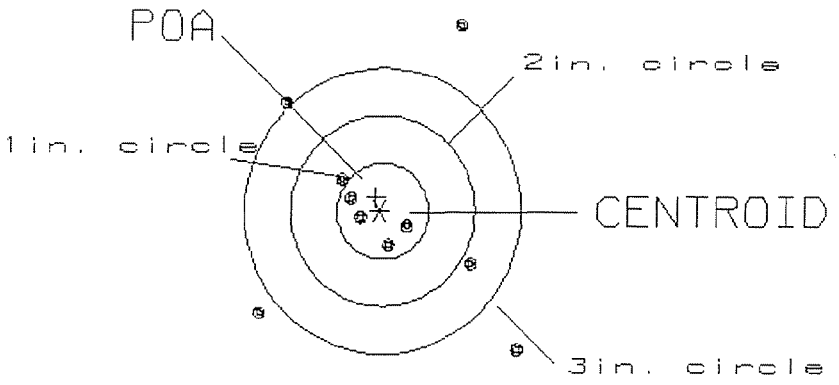
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2

POA TO CENTROID:		.150
MIN RADIUS	:	.259
MEAN RADIUS	:	1.032
MAX RADIUS	:	2.125
CENTROID X	:	.045
CENTROID Y	:	-.143

22 Apr 1999 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413600

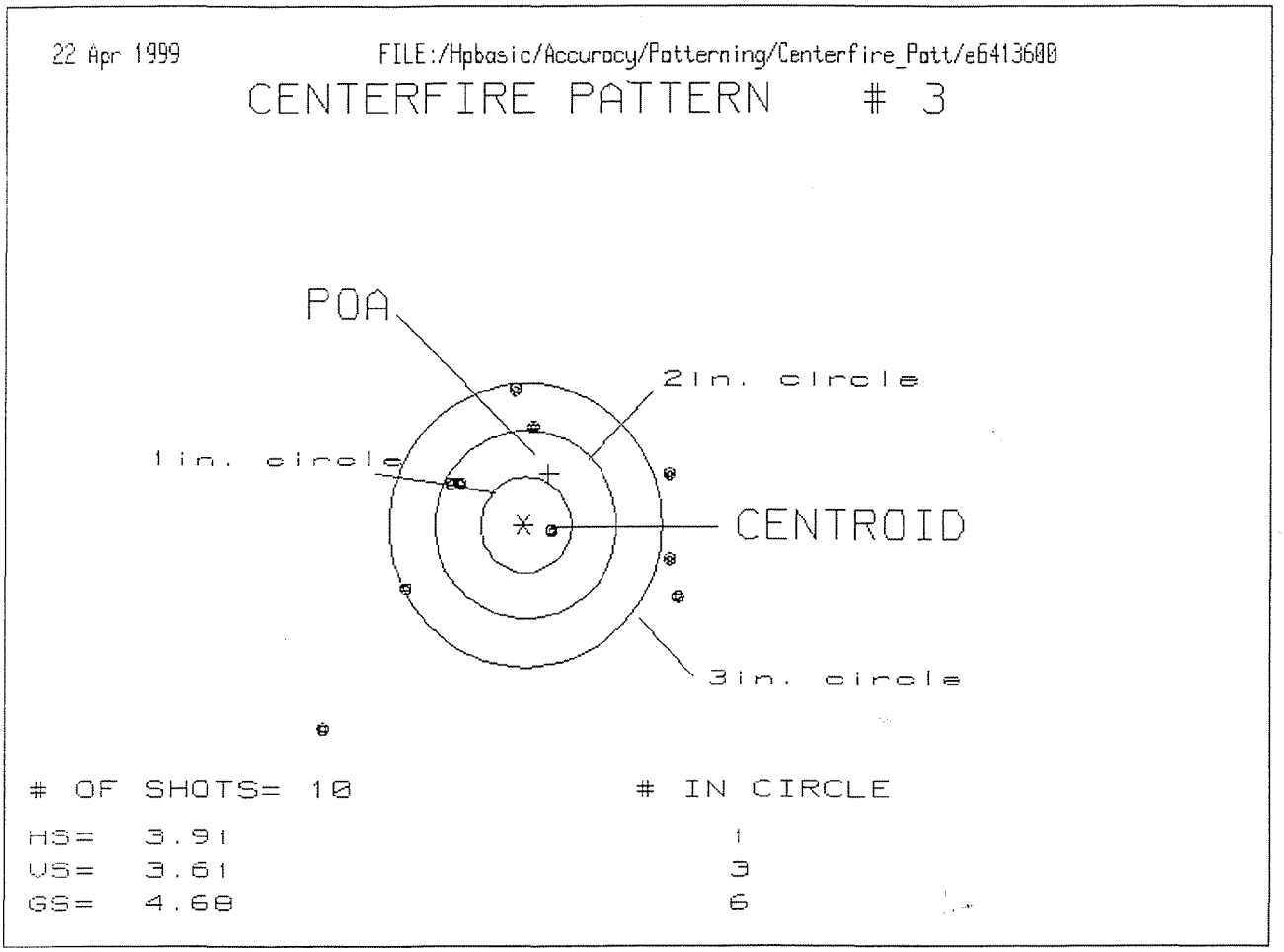
CENTERFIRE PATTERN # 2



# OF SHOTS= 10	# IN CIRCLE
HS= 2.77	4
VS= 3.41	5
GS= 3.75	6

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

PATTERN #:		3
POA TO CENTROID:		.608
MIN RADIUS	:	.249
MEAN RADIUS	:	1.421
MAX RADIUS	:	3.066
CENTROID X	:	-.281
CENTROID Y	:	-.539

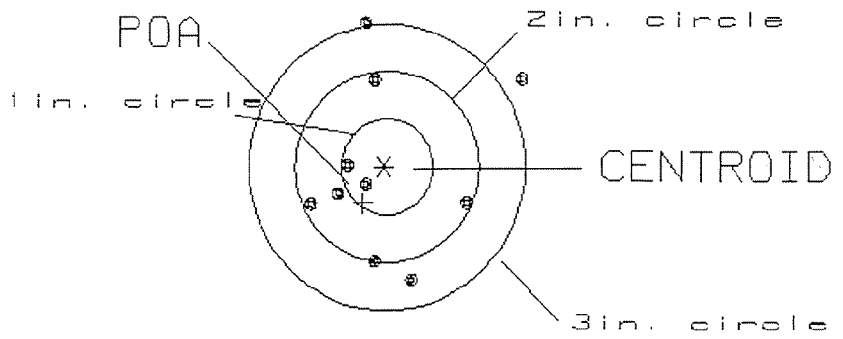


REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:		4
POA TO CENTROID	:	.445
MIN RADIUS	:	.325
MEAN RADIUS	:	.970
MAX RADIUS	:	1.673
CENTROID X	:	.233
CENTROID Y	:	.380

22 Apr 1999 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413600

CENTERFIRE PATTERN # 4



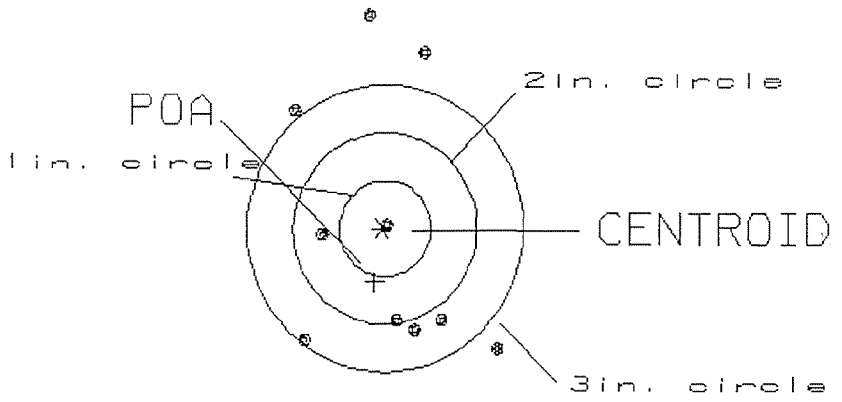
# OF SHOTS= 10	# IN CIRCLE
HS= 2.27	2
VS= 2.73	6
GS= 2.78	8

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

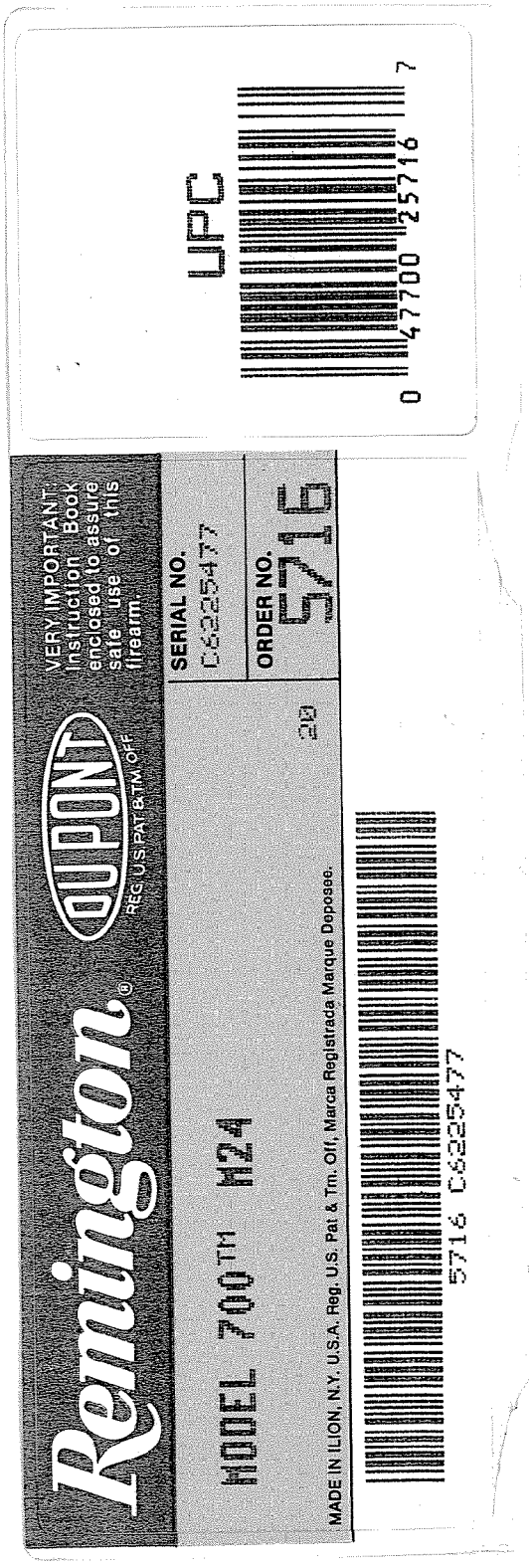
PATTERN #:	5
POA TO CENTROID:	.566
MIN RADIUS :	.060
MEAN RADIUS :	1.285
MAX RADIUS :	2.236
CENTROID X :	.081
CENTROID Y :	.560

22 Apr 1999 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413600

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 2.20	1
VS= 3.44	3
GS= 3.72	6


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm.
SERIAL NO.
C6225477
ORDER NO.
516
MODEL 700TM M24
20
MADE IN ILION, N.Y., U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6225477
UPC
0 47700 25716 7

M-24

Scope 0539

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225477

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	RK.
	Magnaflux Bolt		1-3-89	RK.
615	Rollmark Caliber		12/22/88	MRC
617	Drill and Tap Sight Holes	1 3 89		FB
618	Polish Barrel	12 2 88		WAT
620	Apply Coatings (Barrel Action)		1-12-89	TJA
	Apply Coating (Bolt)		1-12-89	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		1/19/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/19/89	RW
	C) Inspect Ejector Hole for Chamfer		1/19/89	RW
	D) Oil Firing Pin Ass'y		1/19/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		19 Jan 89	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			25 Jan 89	[illegible]
	G) Safety Off Force	3	3	3			25 Jan 89	[illegible]
	H) Trigger Pull Test & Retainability						19 Jan 89	[illegible]
	I) Firing Pin Indent	.021	.0215	.021			25 Jan 89	[illegible]
	J) Assemble Stock						1/26/89	RW
	K) Assemble Swivel Studs						1/26/89	[illegible]
	L) Attach Front and Rear Sight Assemblies						1/26/89	RW
	M) Iron Sight Alignment						1/26/89	RW
	N) Detach Front & Rear Sights & place in numbered container						1/26/89	RW
	O) Attach Scope to Rifle						1/26/89	RW
	P) Detach & Attach Scope 20 Times						1/27/89	WB
640	Gallery Target & Test	37R	96L				1/31/89	DH
	A) Time						1/31/89	DH
	B) Malfunctions						1/31/89	DH
	C) Pierced Primers						1/31/89	DH
	D) Optical Clearity of Scope						1/31/89	DH
645	Inspect for Live Ammo						1/31/89	DH
655	Final Inspection A) Headspace						1/26/89	[illegible]
	B) Trigger Pull	2.38	2.35	2.33	2.42	2.39	1/26/89	[illegible]
	C) Function						1/26/89	[illegible]
660	Pack						27 Mar 89	[illegible]

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225477

DATE 19 Jan 89

TESTER G.S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.31	2.37	2.38	MIN. SETTING,
PULL #2	2.27	2.34	2.33	2.35	NO AVG. OF 5
PULL #3	2.27	2.32	2.34	2.33	READINGS ACCEPT-
PULL #4	2.33	2.17	2.34	2.42	ABLE LESS THAN 2#
PULL #5	2.28	2.24	2.34	2.39	
TOTAL	11.48	11.38	11.72	11.87	
AVG.	2.296	2.276	2.344	2.374	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.15		
PULL #2	3.11	3.17		
PULL #3	3.18	3.17		
PULL #4	3.10	3.17		
PULL #5	3.02	3.12		
TOTAL	15.63	15.78		
AVG.	3.126	3.156		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	4.09		4.08
PULL #2	4.08	4.05		4.07
PULL #3	4.10	4.07		4.10
PULL #4	4.13	4.12		4.07
PULL #5	4.10	4.11		4.07
TOTAL	20.48	20.44		20.39
AVG.	4.096	4.088		4.078

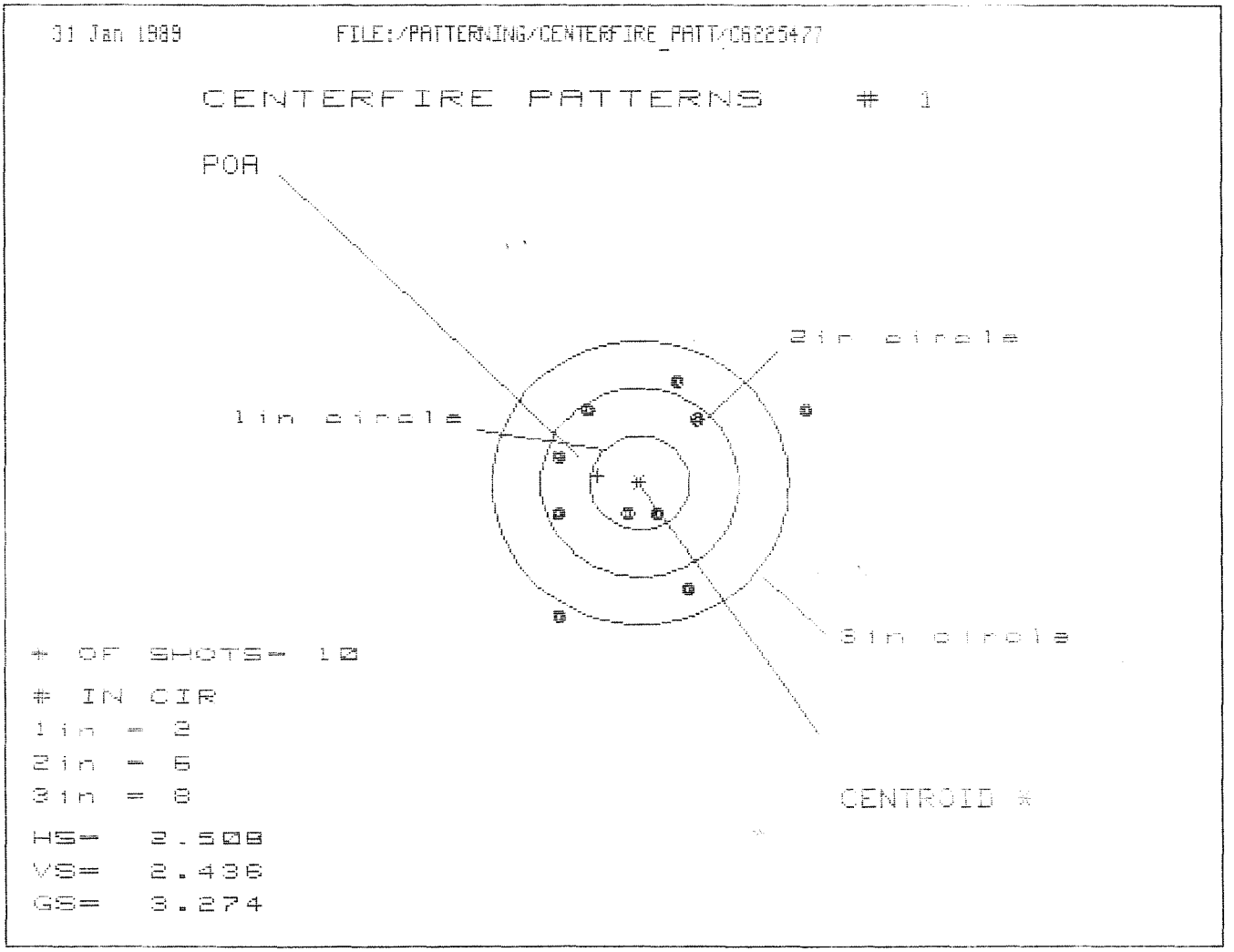
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225477
2 Feb 1989

CENTROIDAL DISTANCES

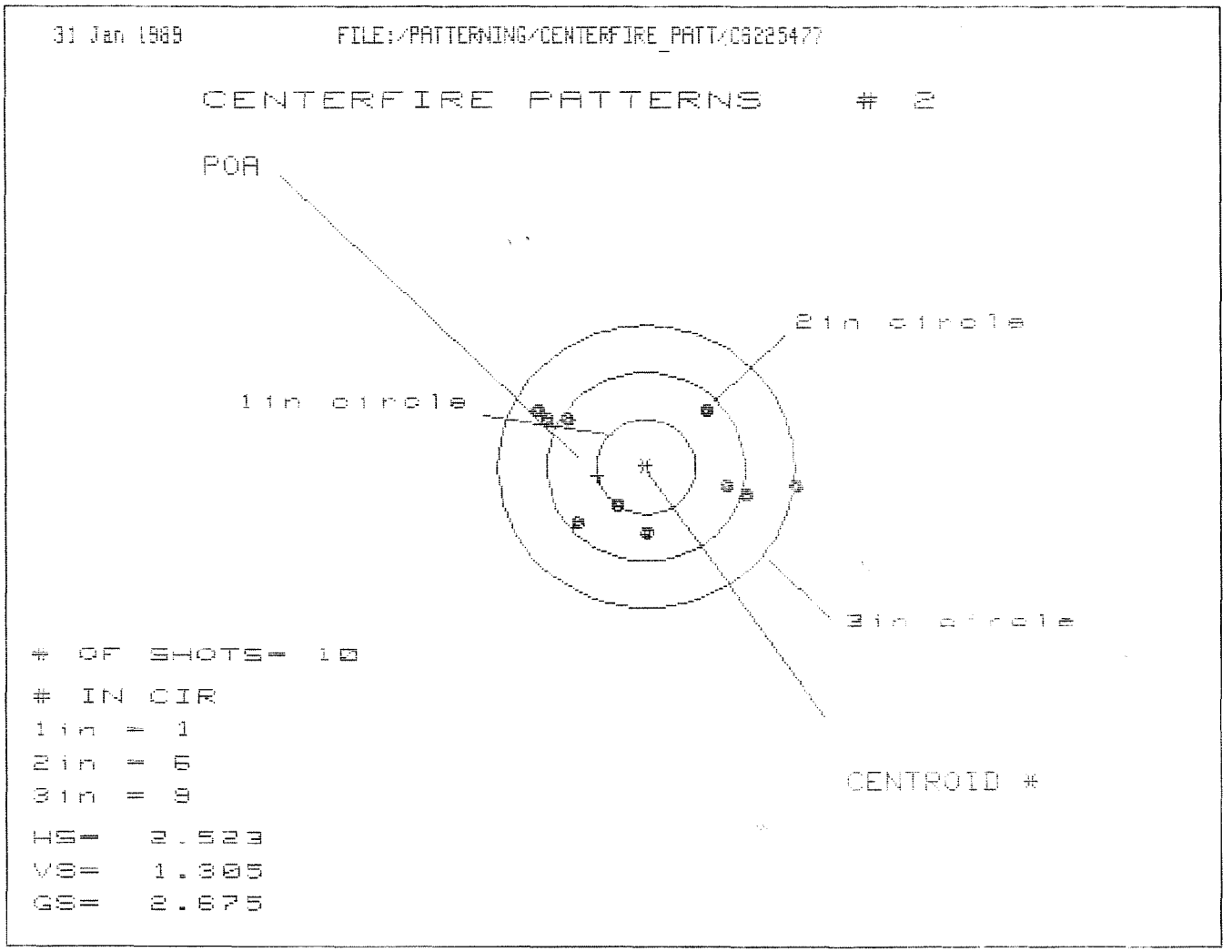
0	TO	1	.430935
1	TO	2	.185397
1	TO	3	.445225
1	TO	4	.232441
1	TO	5	.524141

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .219
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.05
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .224635

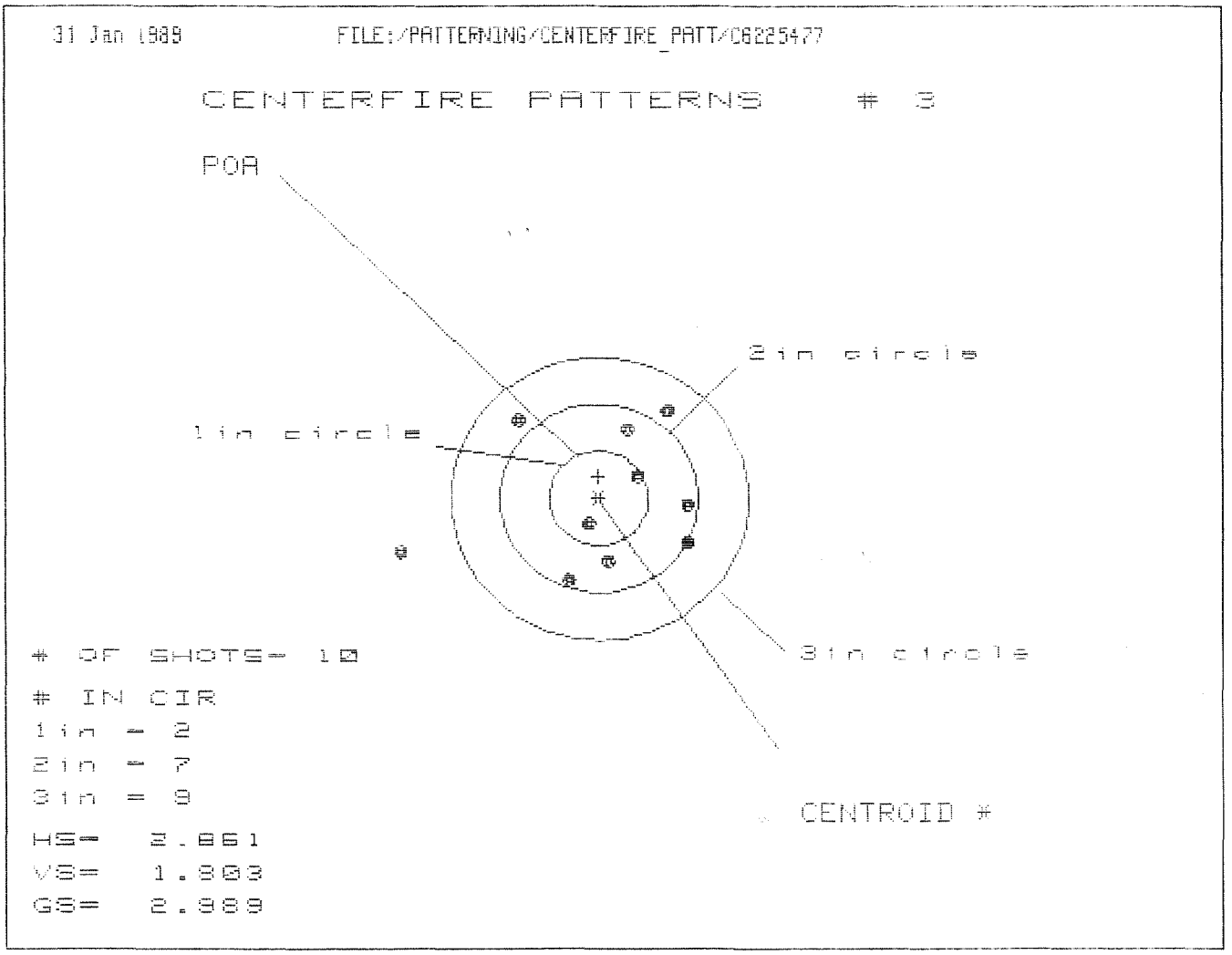
THE AMR FOR THIS RIFLE IS: .999



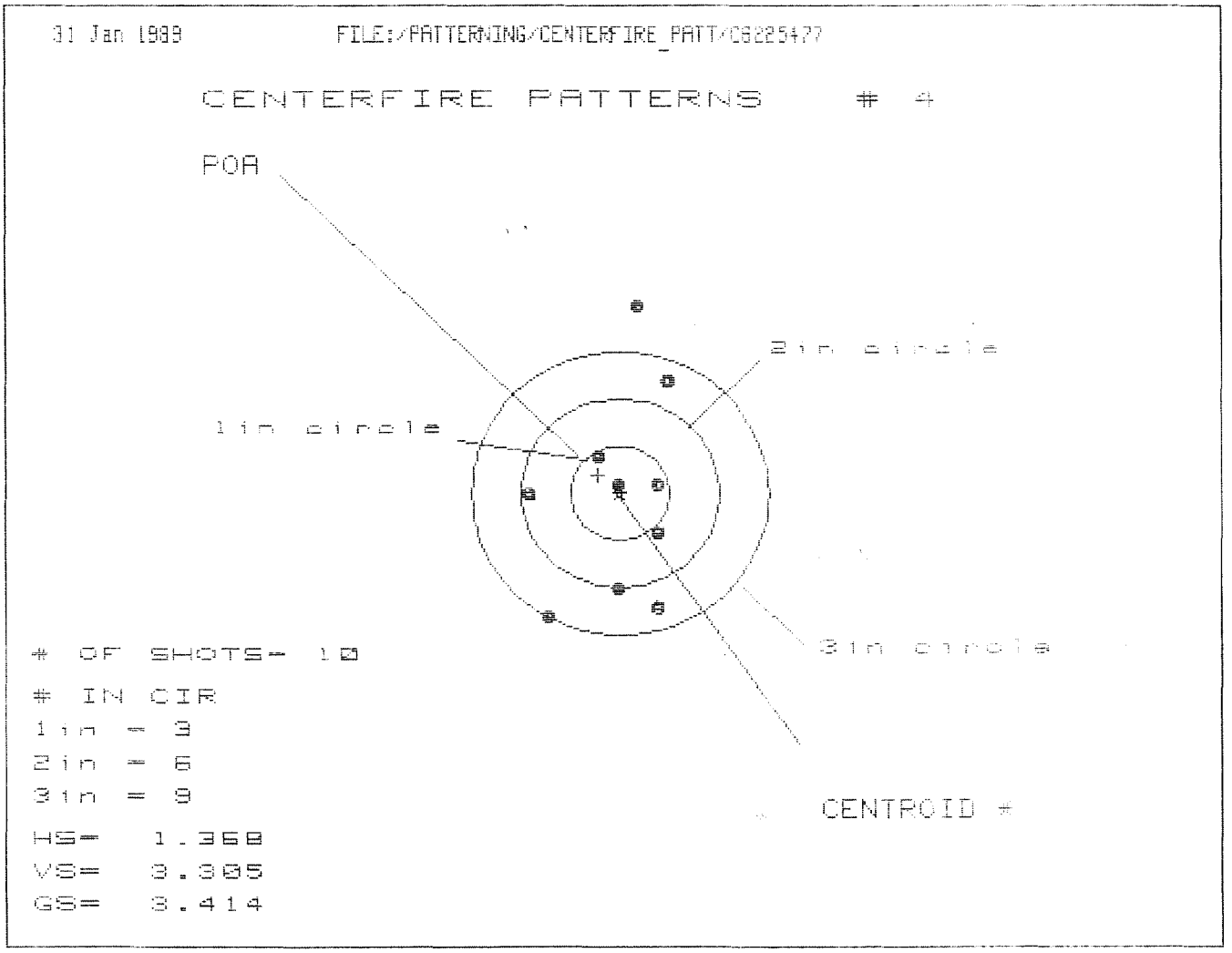
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.654	.748	.667
MINIMUM X	:	-.854	-.670	-.751
MAXIMUM Y	:	1.037	1.118	.953
MINIMUM Y	:	-1.399	-1.318	-1.229
CENTROID X	:	.424	.240	.321
CENTROID Y	:	-.077	-.158	.007
POA TO CENTROID in.	:	.431	.287	.321
MIN RADIUS	:	.300	.202	.358
MEAN RADIUS	:	.998	.884	.814
MAX RADIUS	:	1.808	1.469	1.346
HORIZONTAL SPREAD	:	2.508	1.418	1.418
VERTICAL SPREAD	:	2.436	2.436	2.182
EXTREME SPREAD	:	3.274	2.701	2.185
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



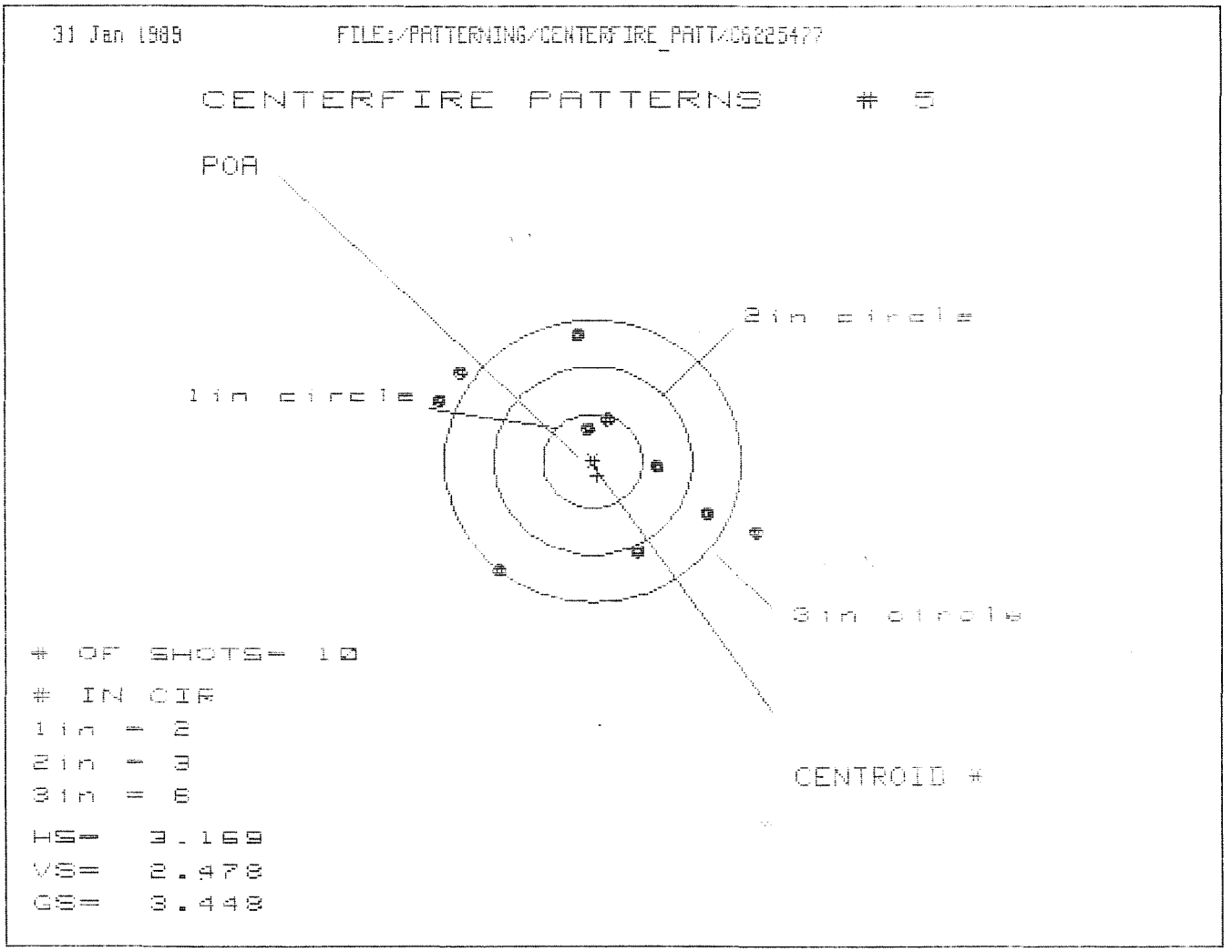
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.485	1.151	1.042
MINIMUM X	:	-1.038	-.874	-.942
MAXIMUM Y	:	.647	.620	.672
MINIMUM Y	:	-.658	-.685	-.608
CENTROID X	:	.488	.324	.433
CENTROID Y	:	.097	.124	.047
POA TO CENTROID in.	:	.498	.347	.435
MIN RADIUS	:	.486	.417	.411
MEAN RADIUS	:	.946	.868	.833
MAX RADIUS	:	1.504	1.186	1.108
HORIZONTAL SPREAD	:	2.523	2.025	1.984
VERTICAL SPREAD	:	1.305	1.305	1.280
EXTREME SPREAD	:	2.675	2.217	2.135
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.898	.680	.546
MINIMUM X	:	-1.963	-1.071	-.615
MAXIMUM Y	:	.934	.877	.974
MINIMUM Y	:	-.868	-.926	-.829
CENTROID X	:	.007	.225	.359
CENTROID Y	:	-.233	-.175	-.272
POA TO CENTROID in.	:	.233	.285	.450
MIN RADIUS	:	.276	.262	.308
MEAN RADIUS	:	.936	.778	.694
MAX RADIUS	:	2.030	1.323	1.032
HORIZONTAL SPREAD	:	2.861	1.751	1.161
VERTICAL SPREAD	:	1.803	1.803	1.803
EXTREME SPREAD	:	2.989	2.156	2.021
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	:	.493	.509	.422
MINIMUM X	:	-.875	-.859	-.946
MAXIMUM Y	:	2.017	1.453	1.320
MINIMUM Y	:	-1.288	-1.064	-1.095
CENTROID X	:	.222	.206	.293
CENTROID Y	:	-.192	-.416	-.283
POA TO CENTROID in.	:	.293	.464	.407
MIN RADIUS	:	.135	.359	.232
MEAN RADIUS	:	.951	.832	.752
MAX RADIUS	:	2.022	1.540	1.386
HORIZONTAL SPREAD	:	1.368	1.368	1.368
VERTICAL SPREAD	:	3.305	2.517	2.405
EXTREME SPREAD	:	3.414	2.791	2.408
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.651	1.372	1.205
MINIMUM X	:	-1.518	-1.335	-1.300
MAXIMUM Y	:	1.307	1.224	1.290
MINIMUM Y	:	-1.171	-1.254	-1.188
CENTROID X	:	-.046	-.230	-.063
CENTROID Y	:	.155	.238	.172
POA TO CENTROID in.	:	.162	.331	.183
MIN RADIUS	:	.305	.269	.287
MEAN RADIUS	:	1.164	1.093	1.023
MAX RADIUS	:	1.811	1.516	1.578
HORIZONTAL SPREAD	:	3.169	2.707	2.505
VERTICAL SPREAD	:	2.478	2.478	2.478
EXTREME SPREAD	:	3.448	2.951	2.906
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

RC54

3/89

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225477

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 RB		7/31/90	WB
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	4½	4½	4½			3/1/90	WB
	G) Safety Off Force	3	3	3			3/1/90	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0205	.0205	.020			3/1/90	WB
	J) Assemble Stock							
	K) Assemble Swivel Studs						3/1/90	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						2/23/90	DH
	A) Time						2/23/90	DH
	B) Malfunctions						2/23/90	DH
	C) Pierced Primers						2/23/90	DH
	D) Optical Clearity of Scope						2/23/90	DH
645	Inspect for Live Ammo						2/23/90	WB
655	Final Inspection A) Headspace						3/1/90	WB
	B) Trigger Pull	2.70	2.57	2.57	2.55	2.64	2/26/90	WB
	C) Function						3/1/90	WB
660	Pack							

BARBER - M24 0082771

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X LEUPOLD SCOPE

INITIAL	CUSTOMER ORDER NO.
JJM	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	MODEL AND GRADE	ORDER
01/18/90	01/25/90	BJ 3/89	C6225477	9999 7.62 NATO	R 90-02948

ACCESSORIES: HARD CASE SLING STRAP W/STUDS W/SWIVELS

FROM:

CDR D/782 MAINT BN
ATTN CW2 BURKHARDT
782 MAIN BN
FT BRAGG NC 28307-5100

SHIP TO:

CDR D/782 MAINT BN
ATTN CW2 BURKHARDT
782 MAIN BN
FT BRAGG NC
28307-5100

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

REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL

GUN CONDITION: ☐ NEW ☒ SLIGHTLY WORN ☒ VERY WORN ☐ MISUSED ☐ MARRED

CUSTOMER'S REQUEST: CRACKED STOCK

MAIN FAULT
1. REPLACE STOCK
2. TOUCH-UP ~~GUARD~~ ~~ACTION~~ TRIGGER GUARD ASSY.
3. REWORK CAM BARREL ACTION

PARTS: PARTS MISSING

1- 96049- SUN SHADE
1- 96044- DUST COVER REAR SCOPE
1- 96105- FRONT SIGHT INSERTS KIT
1- 96060- 1/2" COMBO WRENCH

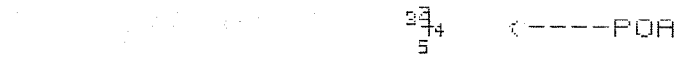
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RBH	✓	✓	✓	✓	
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
DH	2/22/90	2/22/90	2/22/90	2/22/90	2/22/90

RD6925 REV. 6/88

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225477
23 Feb 1990

CENTROIDAL DISTANCES

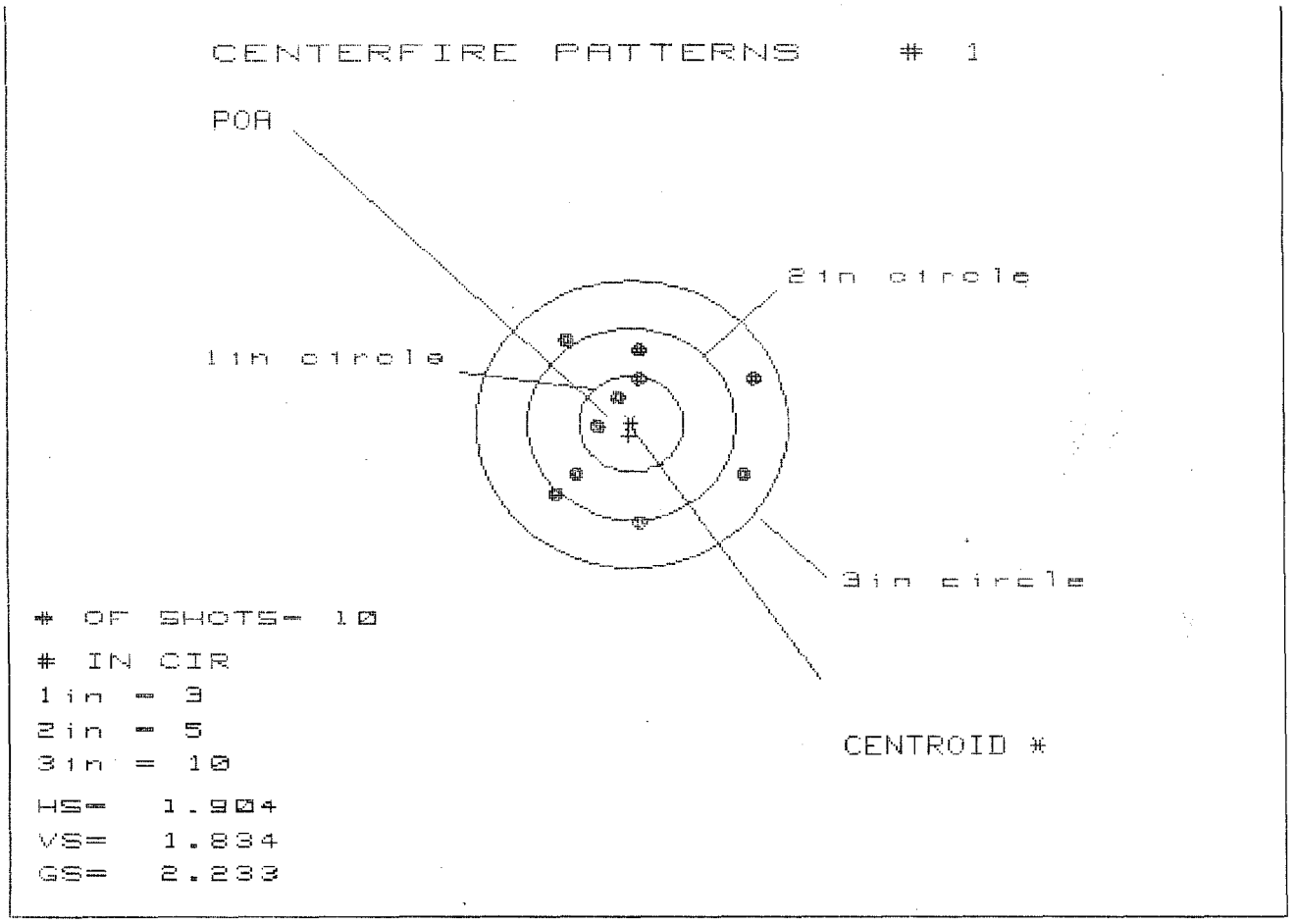
Ø	TO	1	.127346
1	TO	2	.182214
1	TO	3	.350291
1	TO	4	.246611
1	TO	5	.484732



THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0414
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .038
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0561957

THE AMR FOR THIS RIFLE IS: .7976

23 Feb 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6225477

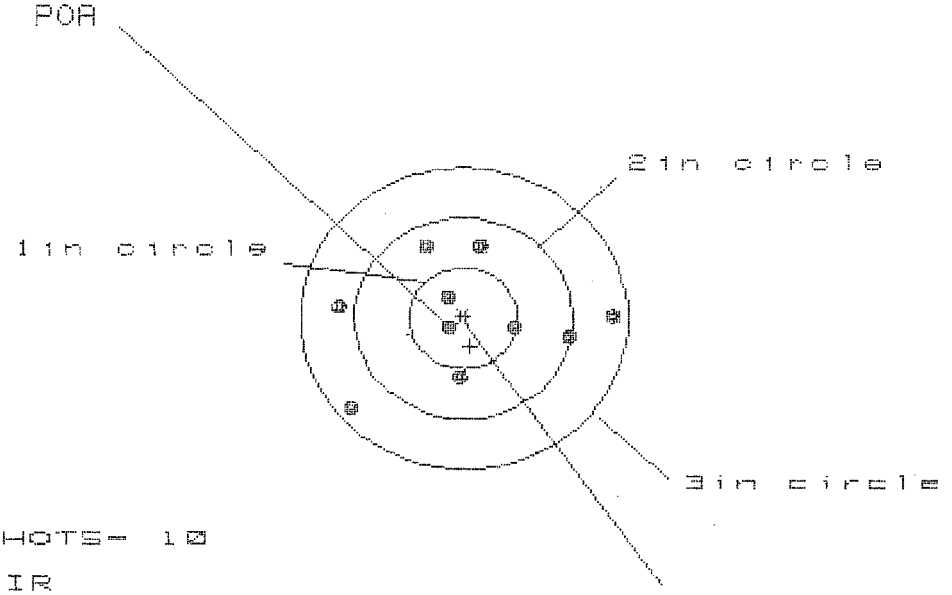


PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.132	1.153	.387
MINIMUM X	:	-.772	-.646	-.502
MAXIMUM Y	:	.826	.878	.822
MINIMUM Y	:	-1.008	-.956	-1.012
CENTROID X	:	.029	-.097	-.241
CENTROID Y	:	.124	.072	.128
POA TO CENTROID in.	:	.128	.120	.273
MIN RADIUS	:	.257	.170	.028
MEAN RADIUS	:	.806	.740	.647
MAX RADIUS	:	1.228	1.238	1.070
HORIZONTAL SPREAD	:	1.904	1.799	.889
VERTICAL SPREAD	:	1.834	1.834	1.834
EXTREME SPREAD	:	2.233	2.158	1.981

NUMBER IN ONE INCH CIRCLE	=	3
NUMBER IN TWO INCH CIRCLE	=	5
NUMBER IN THREE INCH CIRCLE	=	10

23 Feb 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6225477

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

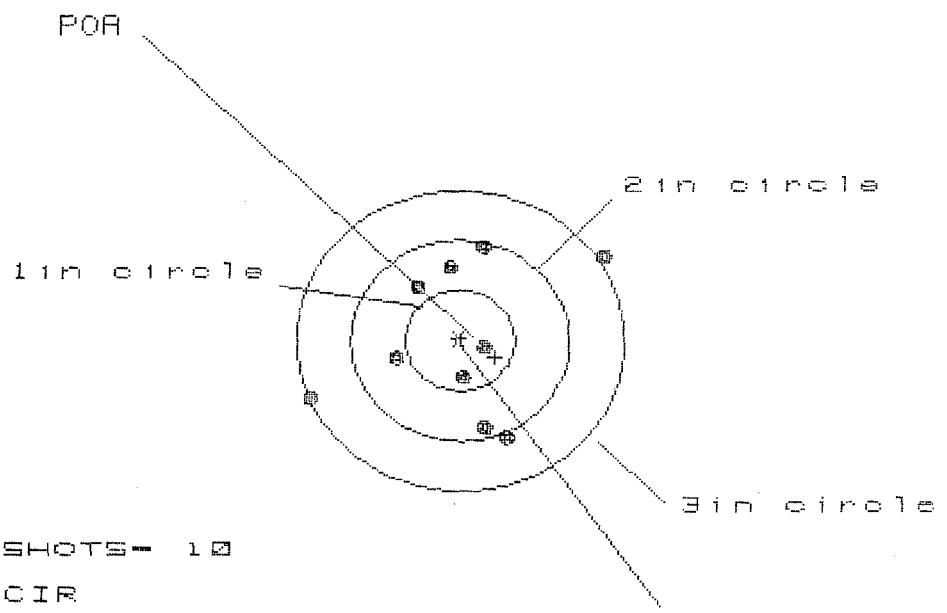
# IN CIR	
1in	= 3
2in	= 7
3in	= 10

HS= 2.540
VS= 1.592
GS= 2.593

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.360	1.241	1.011
MINIMUM X	:	-1.180	-1.299	-1.144
MAXIMUM Y	:	.709	.611	.601
MINIMUM Y	:	-.883	-.633	-.543
CENTROID X	:	-.060	.059	-.096
CENTROID Y	:	.283	.381	.391
POA TO CENTROID in.	:	.289	.385	.402
MIN RADIUS	:	.209	.289	.169
MEAN RADIUS	:	.793	.723	.639
MAX RADIUS	:	1.388	1.300	1.145
HORIZONTAL SPREAD	:	2.540	2.540	2.155
VERTICAL SPREAD	:	1.592	1.244	1.244
EXTREME SPREAD	:	2.593	2.543	2.184
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

23 Feb 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6225477

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

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

HS= 2.614
VS= 1.954
GS= 2.929

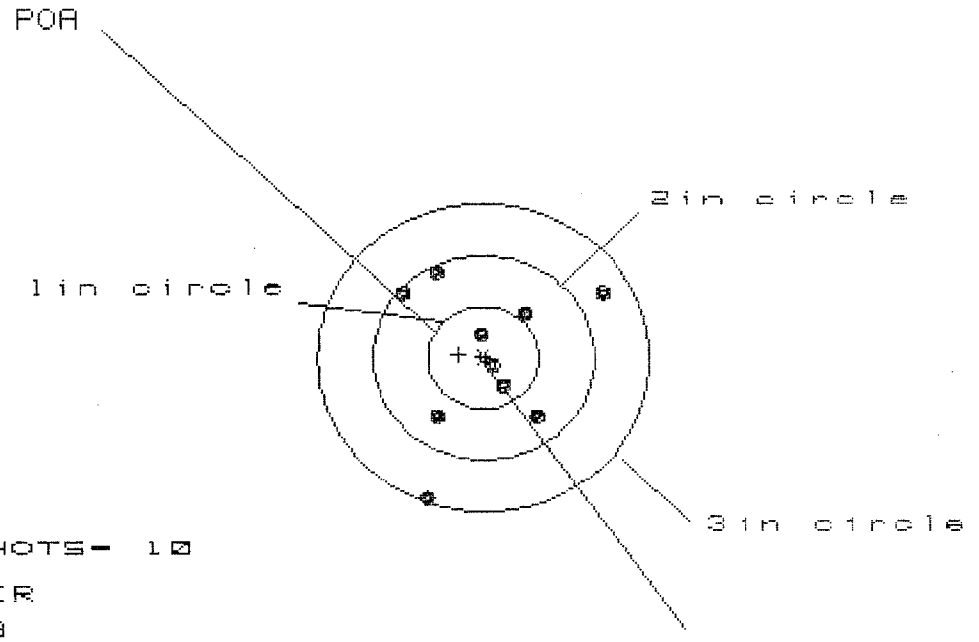
PATTERN # : 3

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.270	.578	.427
MINIMUM X	:	-1.544	-1.202	-.598
MAXIMUM Y	:	.943	1.031	.975
MINIMUM Y	:	-1.011	-.923	-.979
CENTROID X	:	-.319	-.461	-.310
CENTROID Y	:	.164	.076	.132
POA TO CENTROID in.	:	.359	.467	.337
MIN RADIUS	:	.260	.344	.248
MEAN RADIUS	:	.862	.785	.708
MAX RADIUS	:	1.495	1.283	1.068
HORIZONTAL SPREAD	:	2.614	1.780	1.020
VERTICAL SPREAD	:	1.954	1.954	1.954
EXTREME SPREAD	:	2.929	2.183	1.962

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 10

23 Feb 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6225477

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

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

HS= 1.791
VS= 2.211
GS= 2.553

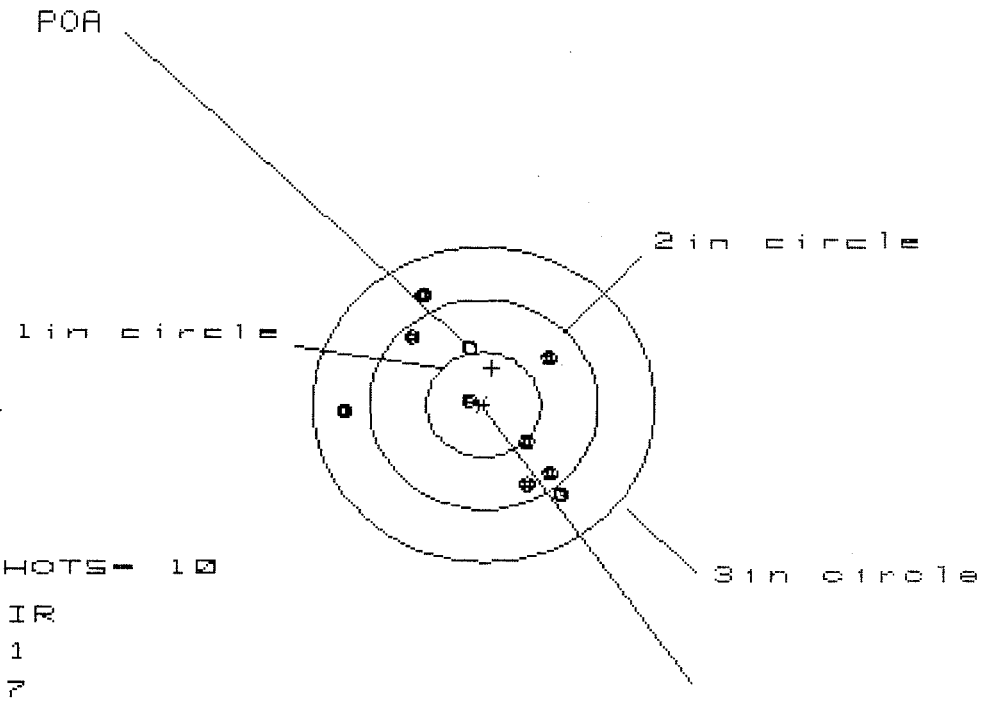
PATTERN # : 4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.040	.981	.570
MINIMUM X	:	-.751	-.810	-.687
MAXIMUM Y	:	.868	.719	.784
MINIMUM Y	:	-1.343	-.755	-.690
CENTROID X	:	.220	.279	.156
CENTROID Y	:	-.032	.117	.052
POA TO CENTROID in.	:	.222	.302	.164
MIN RADIUS	:	.066	.066	.135
MEAN RADIUS	:	.722	.634	.576
MAX RADIUS	:	1.444	1.111	.895
HORIZONTAL SPREAD	:	1.791	1.791	1.257
VERTICAL SPREAD	:	2.211	1.474	1.474
EXTREME SPREAD	:	2.553	1.909	1.757

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 8
NUMBER IN THREE INCH CIRCLE = 10

23 Feb 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6225477

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 1.916
VS= 1.897
GS= 2.265

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.677	.540	.452
MINIMUM X	:	-1.239	-.714	-.802
MAXIMUM Y	:	1.053	1.044	.760
MINIMUM Y	:	-.844	-.853	-.723
CENTROID X	:	-.077	.060	.148
CENTROID Y	:	-.349	-.340	-.471
POA TO CENTROID in.	:	.357	.345	.493
MIN RADIUS	:	.120	.258	.301
MEAN RADIUS	:	.805	.751	.669
MAX RADIUS	:	1.241	1.256	1.104
HORIZONTAL SPREAD	:	1.916	1.254	1.254
VERTICAL SPREAD	:	1.897	1.897	1.482
EXTREME SPREAD	:	2.265	2.265	1.941
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

BARBER - M24 0082778 3/89 BJ

MAINTENANCE REQUEST

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

PAGE NO.	NO. OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)
01	01	

SECTION I – EQUIPMENT DATA

CONTROL NUMBER	WORK ORDER NUMBER	WESDC	ORG PD	PD AUTHENTICATION
			02	CW2 Robert A Barbato

☑ WORK REQUEST ☐ MWO ☐ WARRANTY CLAIM	1a. ORGANIZATION	b. LOCATION	c. UNIT IDENT CODE
	D co 82ND MAINT BN	FRNC 28307-5000	WABSDO

2. SERIAL NO.	3. NOUN NOMENCLATURE	4. LINE NO.	5. MODEL	6. NATIONAL STOCK NUMBER
CW225477	RIFLE 762 MM SNIPER		M24	1005-01-247-2136

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 ARMS CO. INC									

14. FAILURE DETECTED DURING *(Select one · use ✓ or X)*

☐ A Scheduled Maintenance ☐ B Handling ☐ C Test ☐ D Normal Op ☐ E Storage ☑ F Inspection ☐ G Flight ☐ H Other

15. FIRST INDICATION OF TROUBLE *(Select one · use ✓ or X)*

☑ 068 Inoperative ☐ 008 Noisy ☐ 258 Overheating ☐ 387 Low Performance ☐ 790 Out of Adjustment ☐ Other

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

REQUEST REPAIR OF CHECKED STOCK

16a. REMARKS

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)*
RA Barbato					☐ A To User ☐ C Salvaged ☐ B To Stock ☐ D Evacuated ☐ E Cannibalization
JULIAN DATE 0022	JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE	

DA FORM MAY 81 2407 EDITION OF JUL 79 IS OBSOLETE. CONTROL COPY 3

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225477

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		8/3/92	KW
600	Proof		8/3/92	KW
607	Check Headspace		8/3/92	KW
610	Dis-assemble Gun		8/3/92	KW
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. #	OPERATION	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		8-11-92	DH
	A) Time		8-11-92	DH
	B) Malfunctions		8-11-92	DH
	C) Pierced Primers		8-11-92	DH
	D) Optical Clearity of Scope		8-11-92	DH
645	Inspect for Live Ammo		8-11-92	DH
655	Final Inspection A) Headspace		8/11/92	RW
	B) Trigger Pull	2.26 2.23 2.23 2.22 2.23	8/11/92	RW
	C) Function		8/11/92	RW
660	Pack			

BARBER - M24 0082781

RECEIVING AND ESTIMATING REPORT

COMMENTS: M-24 SNIPER

ORDER: R 92-14797

INITIAL	CUSTOMER ORDER NO.
JJM	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
07/21/92	07/21/92	BJ 1-89	C6225477		700 7.62 NATO

ACCESSORIES: W/STUDS HARD CASE SCOPE BASE

FROM:

D CO 782ND MAINTANCE BA
FORT BRAGG NC 28307

SHIP TO:

D CO 782ND MAINTANCE BA
FORT BRAGG NC
28307

CUST NO:045582

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

OFFICE COPY

RD6925 REV. 1/92

PRINTED BY STANDARD REGISTER U.S.A.

MAINTENANCE REQUEST

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

PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL
		CSGLD - 1047(R1)

SECTION I - EQUIPMENT DATA

CONTROL NUMBER	WORK ORDER NO.	WESDC	ORG. PD	PD AUTHENTICATION

☐ Work Request ☐ MWO ☒ Warranty Claim	1A. ORGANIZATION	B. LOCATION	C. UNIT IDENT CODE
	D Co 782d mt Bn	Ft Bragg N.C. 28307-5100	WABYDO

2. SERIAL NO.	3. NOUN NOMENCLATURE	4. LINE NO.	5. MODEL	6. NATIONAL STOCK NUMBER
C6225477	Sniper Rifle 7.62mm		M24	1005-01-240-2136

7A. MAINTENANCE ACTIVITY	B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS	13. STARTS
Remington Arms									

14. FAILURE DETECTED DURING *(Select one - use ✓ or X)*

[ ] A Sch. Main.	[ ] 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	[ ] 790 Out of Adjustment
[ ] 008 Noisy	[ ] 387 Low Performance	[ ] Other

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

Chamber worn

B. REMARKS

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 ACCT. CODE
B. LOCATION		[ ] 1 TOE [ ] 2 TD [ ] 3 Contractor	

20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO. (1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE	D. MANHOURS *(Hrs. & tenths)*	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE	G. QTY.	H. PARTS COST
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$

	I. TOTAL MANHOURS	J. TOTAL MANHOURS COST	K. 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
Jan				
JULIAN DATE 2197	JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE

28. DISPOSITION *(Select One)*

[ ] A To User [ ] B To Stock [ ] C Salvaged [ ] D Evacuated [ ] E Cannibalization

DA FORM 2407, AUG 88 EDITION OF MAY 81 MAY BE USED NMP COPY 2

BARBER - M24 0682785 ENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics.

1. ORGANIZATION	2. NOMENCLATURE AND MODEL
D Co 782d M+ Bn	Rifle (Sniper) 7.62mm M24

3. ~~REGISTRATION~~/SERIAL/~~NON~~	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C6225477					7 July 92	T/T

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
SPC				

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
	X	Worn Chamber		
		Ser# C6225477		

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

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e

GPO : 1983 O - 409-150

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06228477
11 Aug 1992

CENTROIDAL DISTANCES

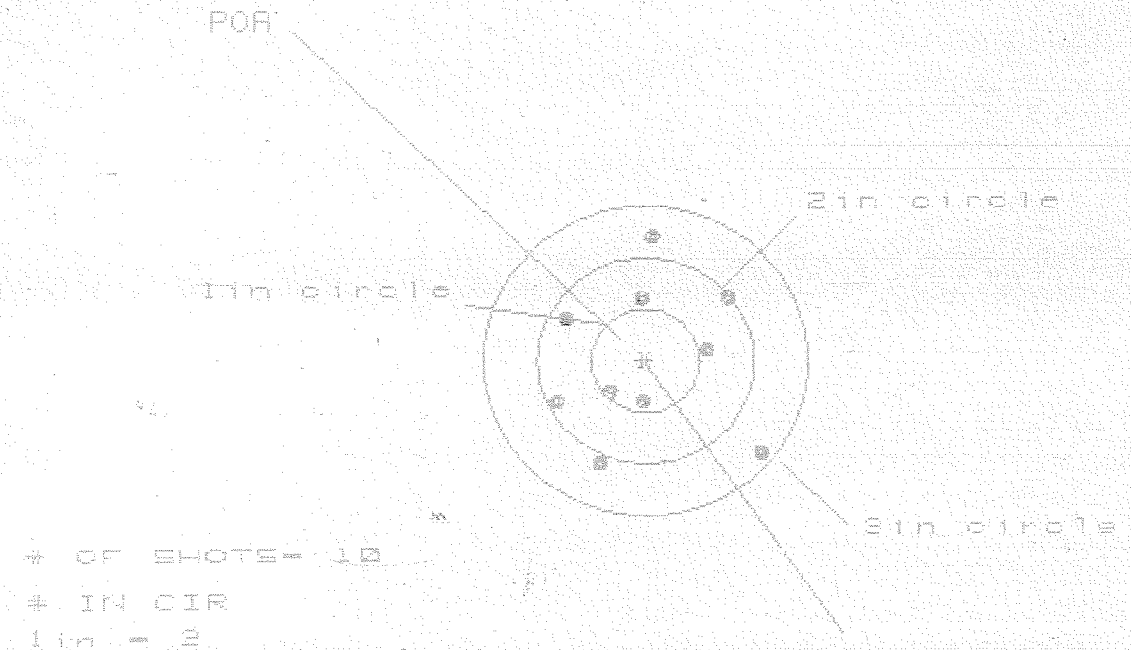
0	TO	1	.0335261
1	TO	2	.151743
1	TO	3	.427183
1	TO	4	.113358
1	TO	5	.237901

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.032
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1034
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .131968

THE ANR FOR THIS RIFLE IS: .981

11 Aug 1992 FILE:/PATTERNING/CENTERFIRE_PAT1/CB223477

CENTERFIRE PATTERNS # 1

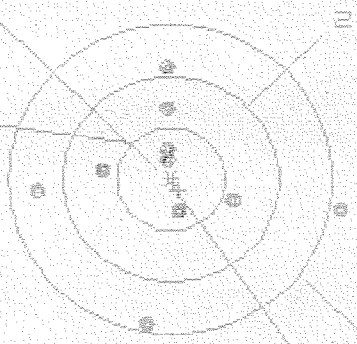


# OF SHOTS= 10
# IN CIR
1in = 2
2in = 7
3in = 10
HS= 1.883
VS= 2.226
GS= 2.366

PATTERN #	:	25		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.036	.863	.801
MINIMUM X	:	-.833	-.718	-.700
MAXIMUM Y	:	1.232	1.131	.676
MINIMUM Y	:	-.994	-1.095	-.958
CENTROID X	:	.032	-.083	-.141
CENTROID Y	:	-.010	.091	-.051
POA TO CENTROID in.	:	.034	.123	.113
MIN RADIUS	:	.356	.469	.349
MEAN RADIUS	:	.845	.779	.714
MAX RADIUS	:	1.379	1.140	1.095
HORIZONTAL SPREAD	:	1.869	1.581	1.581
VERTICAL SPREAD	:	2.226	2.226	1.631
EXTREME SPREAD	:	2.366	2.269	1.979
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

01 Aug 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C0225477

CENTERFIRE PATTERNS. # 2

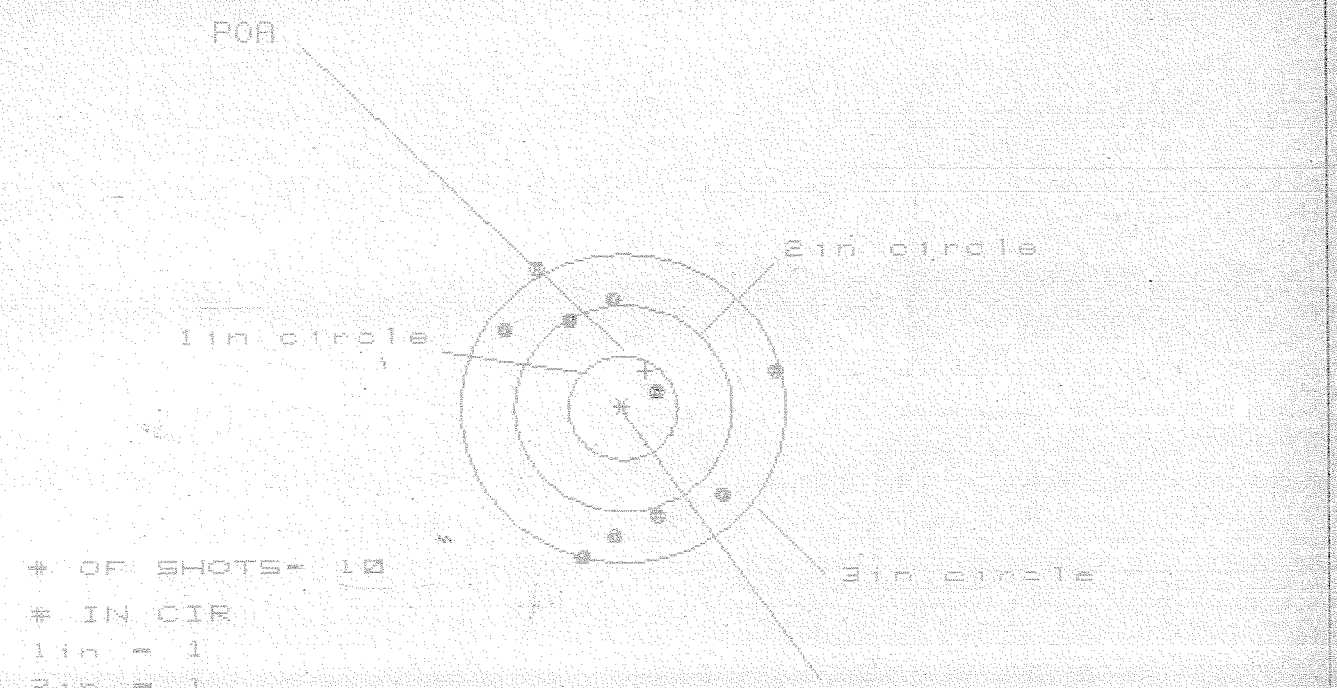


OF SHOTS= 10
IN CIR
1 in = 3
2 in = 6
3 in = 9
HS= 2.759
VS= 2.522
GS= 2.788

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.573	.774	.767
MINIMUM X	:	-1.186	-1.011	-1.018
MAXIMUM Y	:	1.073	1.034	.848
MINIMUM Y	:	-1.449	-1.488	-1.488
CENTROID X	:	-.067	-.242	-.235
CENTROID Y	:	.105	.144	.330
POA TO CENTROID in.	:	.124	.281	.405
MIN RADIUS	:	.151	.199	.174
MEAN RADIUS	:	.812	.716	.587
MAX RADIUS	:	1.612	1.489	1.075
HORIZONTAL SPREAD	:	2.759	1.785	1.785
VERTICAL SPREAD	:	2.522	2.522	1.331
EXTREME SPREAD	:	2.769	2.527	1.788
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Aug 1992 FILE:/PATTERNING/CENTERFIRE_PATT/CB225477

CENTERFIRE PATTERNS # 3

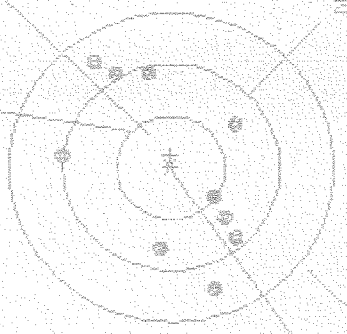


# OF SHOTS= 10
# IN CIR
1in = 1
2in = 1
3in = 8
HS= 2.517
VS= 2.748
GS= 2.776

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.428	1.346	.353
MINIMUM X	:	-1.089	-1.171	-1.003
MAXIMUM Y	:	1.358	1.200	1.259
MINIMUM Y	:	-1.390	-1.239	-1.180
CENTROID X	:	-.210	-.128	-.295
CENTROID Y	:	-.362	-.513	-.572
POA TO CENTROID in.	:	.419	.529	.644
MIN RADIUS	:	.332	.381	.531
MEAN RADIUS	:	1.171	1.119	1.082
MAX RADIUS	:	1.549	1.480	1.391
HORIZONTAL SPREAD	:	2.517	2.517	1.956
VERTICAL SPREAD	:	2.748	2.439	2.439
EXTREME SPREAD	:	2.776	2.554	2.511
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		9	

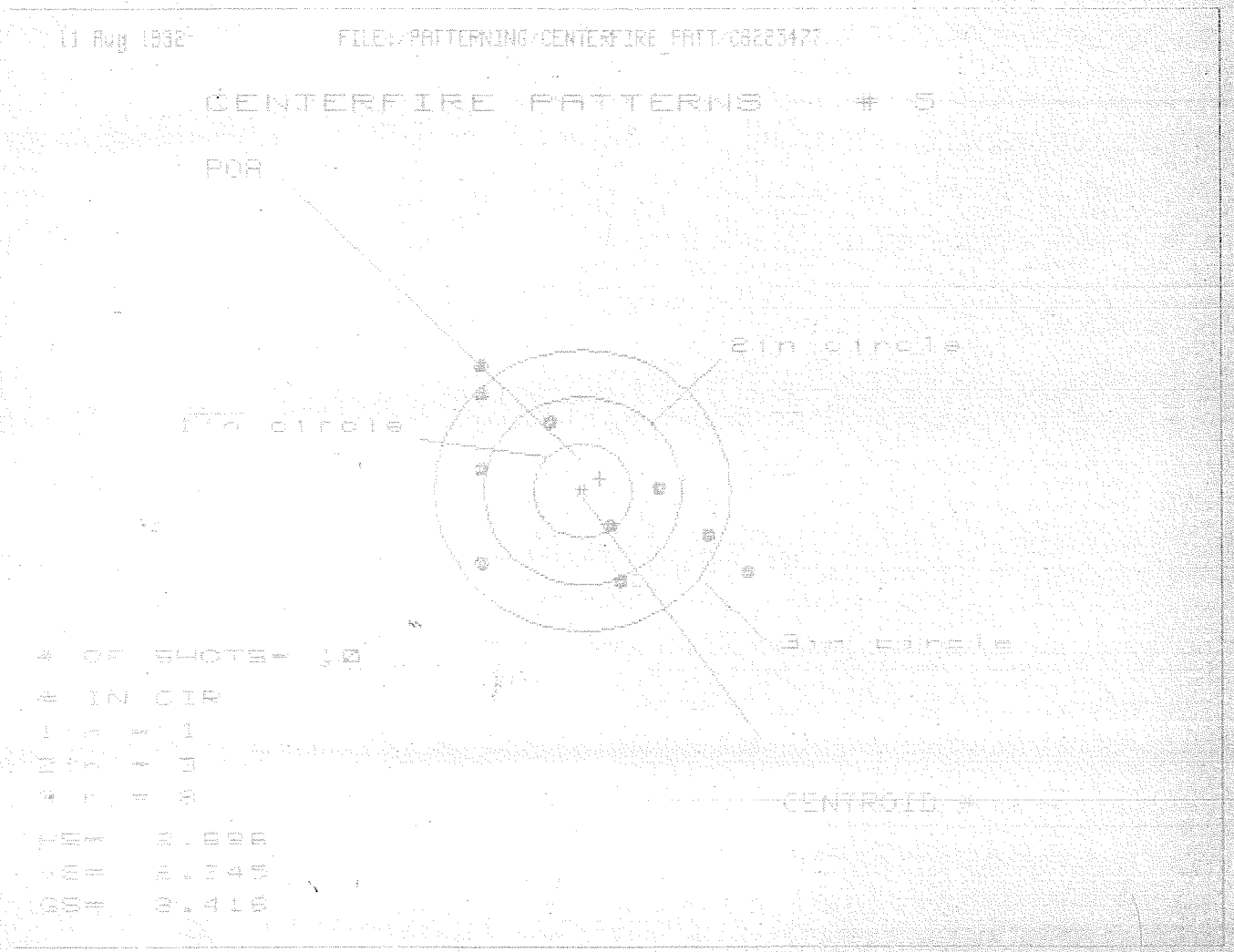
11 Aug 1992 FILE:/PATTERNING/CENTERFIRE_PATT/C0825177

CENTERFIRE PATTERNS # 4



# OF SHOTS= 10
# IN CIR
1in = 8
2in = 7
3in = 10
HS= 1.533
VS= 2.162
GS= 2.423

PATTERN #	:	[illegible]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.620	.666	.586
MINIMUM X	:	-.979	-.933	-1.013
MAXIMUM Y	:	1.000	.871	.920
MINIMUM Y	:	-1.162	-.895	-.787
CENTROID X	:	.009	-.037	.043
CENTROID Y	:	-.121	.008	-.103
POA TO CENTROID in.	:	.121	.038	.109
MIN RADIUS	:	.500	.617	.485
MEAN RADIUS	:	.906	.871	.824
MAX RADIUS	:	1.233	1.080	1.038
HORIZONTAL SPREAD	:	1.599	1.599	1.599
VERTICAL SPREAD	:	2.162	1.766	1.707
EXTREME SPREAD	:	2.423	2.115	1.933
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.664	1.412	1.312
MINIMUM X	:	-1.082	-.847	-.947
MAXIMUM Y	:	1.382	1.241	1.103
MINIMUM Y	:	-1.013	-1.104	-.949
CENTROID X	:	-.174	-.359	-.259
CENTROID Y	:	-.129	-.038	-.198
POA TO CENTROID in.	:	.217	.361	.323
MIN RADIUS	:	.446	.632	.451
MEAN RADIUS	:	1.171	1.088	1.022
MAX RADIUS	:	1.856	1.509	1.451
HORIZONTAL SPREAD	:	2.696	2.259	2.259
VERTICAL SPREAD	:	2.345	2.345	2.052
EXTREME SPREAD	:	3.416	2.837	2.790
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	