C661810

MODEL 700™ M24

Model SWS™

Action

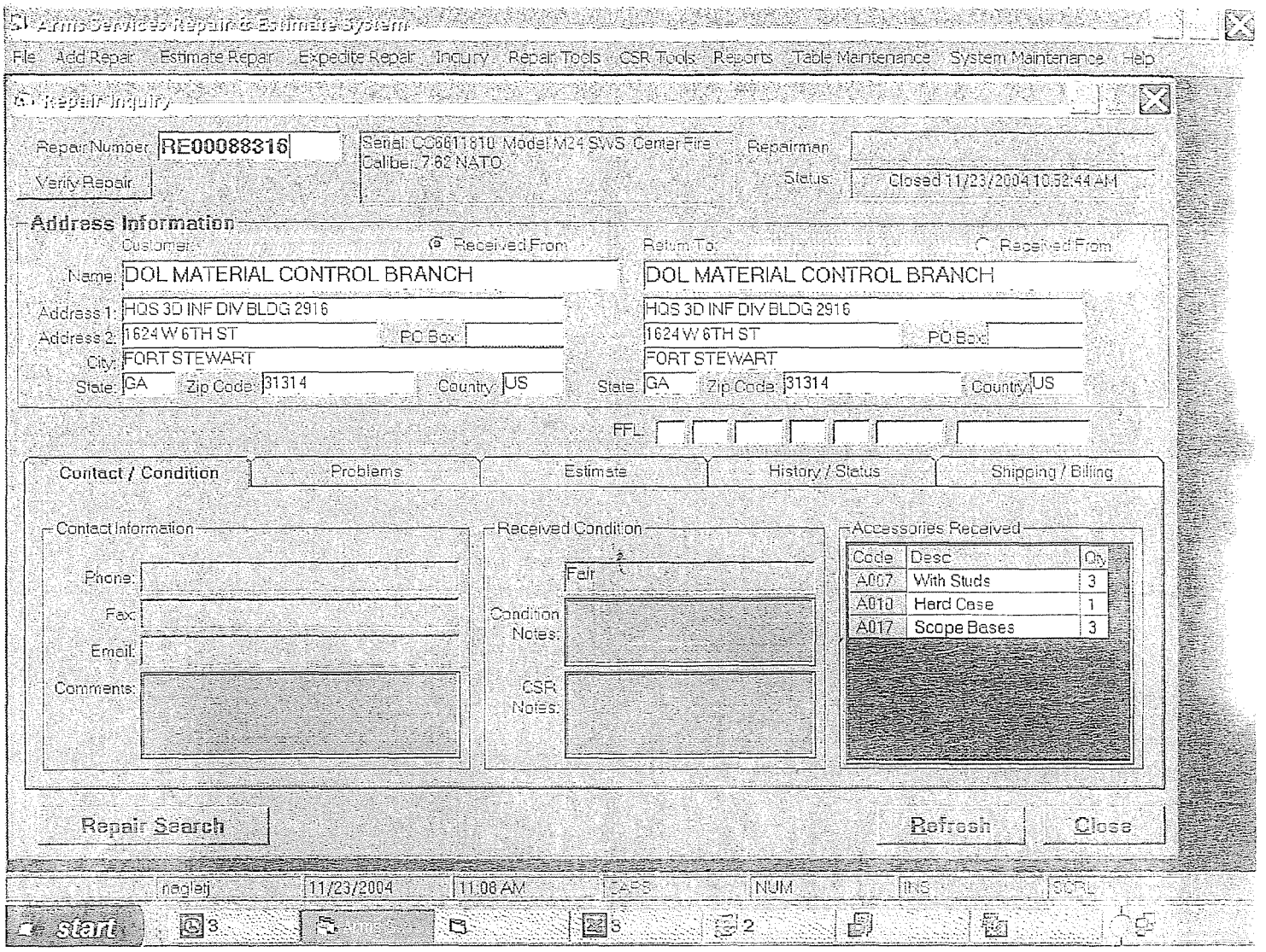
Barrel Length

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: RE00088316
Verify Repair
Serial: CC6611810 Model: M24 SWS Center Fire Caliber: 7.62 NATO
Repairman:
Status: Closed 11/23/2004 10:52:44 AM
Address Information
Customer
Received From
Name: DOL MATERIAL CONTROL BRANCH
Address 1: HQS 3D INF DIV BLDG 2916
Address 2: 1624 W 6TH ST
PO Box:
City: FORT STEWART
State: GA
Zip Code: 31314
Country: US
Return To:
Received From
DOL MATERIAL CONTROL BRANCH
HQS 3D INF DIV BLDG 2916
1624 W 6TH ST
PO Box:
FORT STEWART
State: GA
Zip Code: 31314
Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone:
Fax:
Email:
Comments:
Received Condition
Fair
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A007 With Studs 3
A010 Hard Case 1
A017 Scope Bases 3
Repair Search
Refresh
Close
neglej 11/23/2004 11:08 AM CAPS NUM INS SCRL
start


Serial Number:
C6611810
Model: M24 SWS
RE00088316

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611810.__0
FILE DATE AND TIME: 12/10/2004 07:54

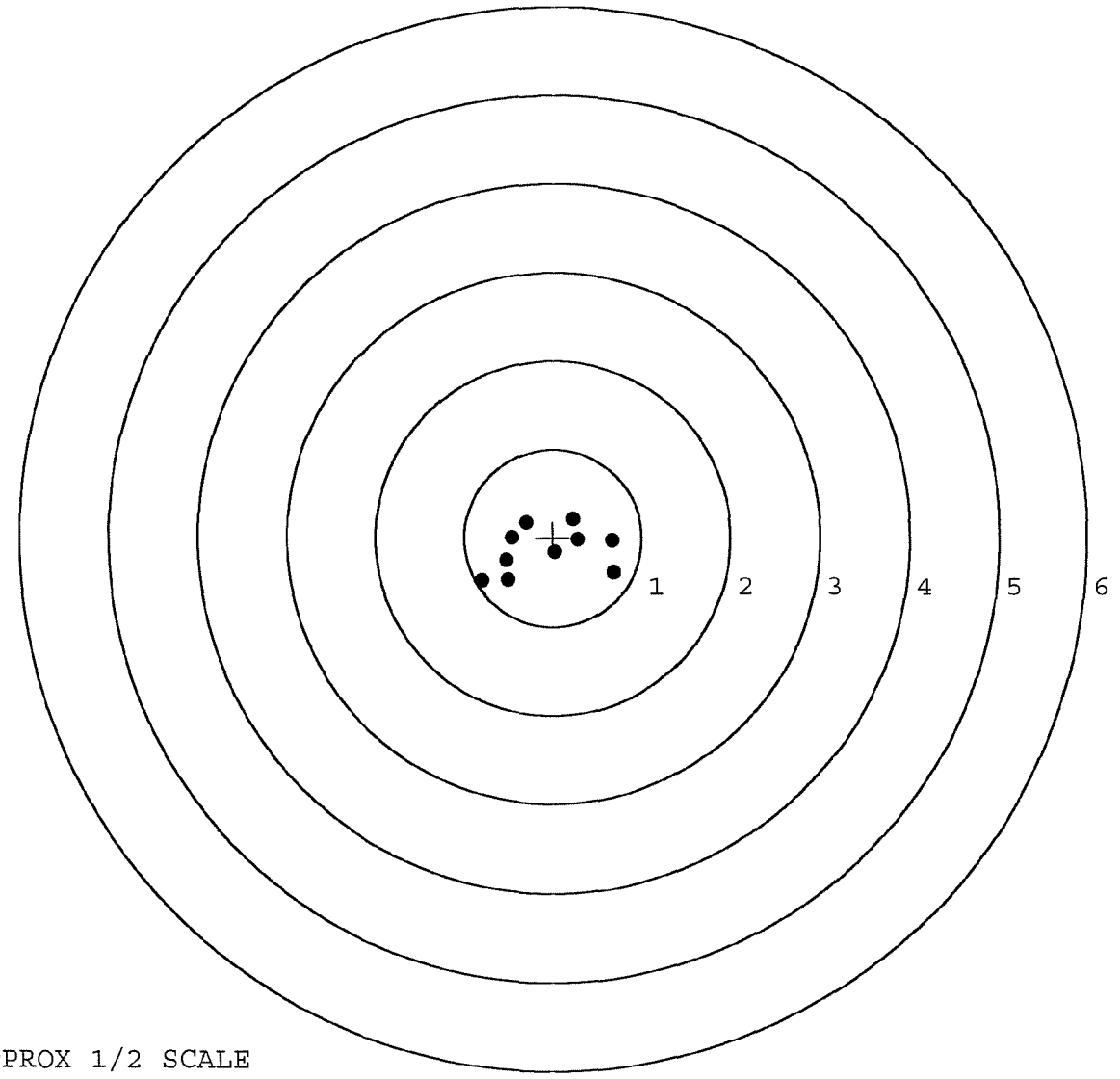
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.040
The Average Y Centroid of the Five Target Set:	-0.146
The Average Point of Impact of the Five Target Set:	0.151
The Average Mean Radius of the Five Target Set:	0.566
The Distance from POA to Centroid Target #1:	0.161
The Distance from Centroid Target #2 to Centroid Target #1:	0.115
The Distance from Centroid Target #3 to Centroid Target #1:	0.326
The Distance from Centroid Target #4 to Centroid Target #1:	0.184
The Distance from Centroid Target #5 to Centroid Target #1:	0.138

SERIAL NUMBER: C6611810.__0
TARGET NUMBER: 1
FILE DATE: 12/10/2004
FILE TIME: 07:54

X CENTROID:	-0.070
Y CENTROID:	-0.144
POA TO CENTROID:	0.161
HORZ SPREAD:	1.486
VERT SPREAD:	0.691
GROUP SPREAD:	1.541
MIN RADIUS:	0.098
MAX RADIUS:	0.806
MEAN RADIUS:	0.512
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.685	-0.391
2:	0.673	-0.033
3:	0.285	-0.024
4:	0.230	0.207
5:	-0.302	0.174
6:	-0.461	0.005
7:	-0.531	-0.258
8:	-0.507	-0.475
9:	-0.801	-0.484
10:	0.026	-0.165

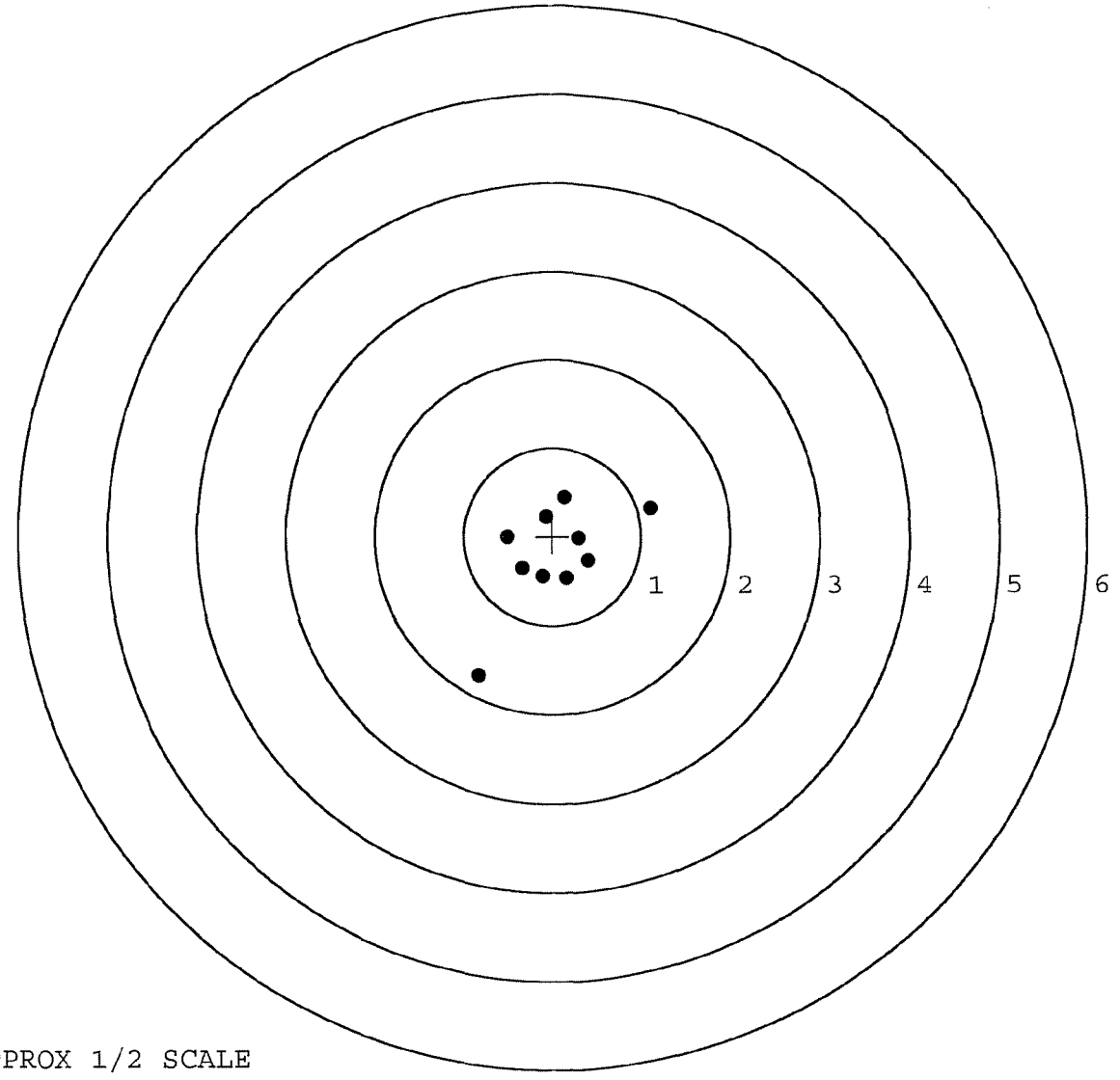


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611810.__0
TARGET NUMBER: 2
FILE DATE: 12/10/2004
FILE TIME: 07:54

X CENTROID:	0.022
Y CENTROID:	-0.213
POA TO CENTROID:	0.214
HORZ SPREAD:	1.941
VERT SPREAD:	2.006
GROUP SPREAD:	2.704
MIN RADIUS:	0.273
MAX RADIUS:	1.599
MEAN RADIUS:	0.618
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.105	0.320
2:	-0.836	-1.562
3:	0.134	0.444
4:	-0.071	0.222
5:	0.300	-0.015
6:	0.405	-0.268
7:	-0.512	0.005
8:	-0.346	-0.356
9:	-0.115	-0.449
10:	0.160	-0.473

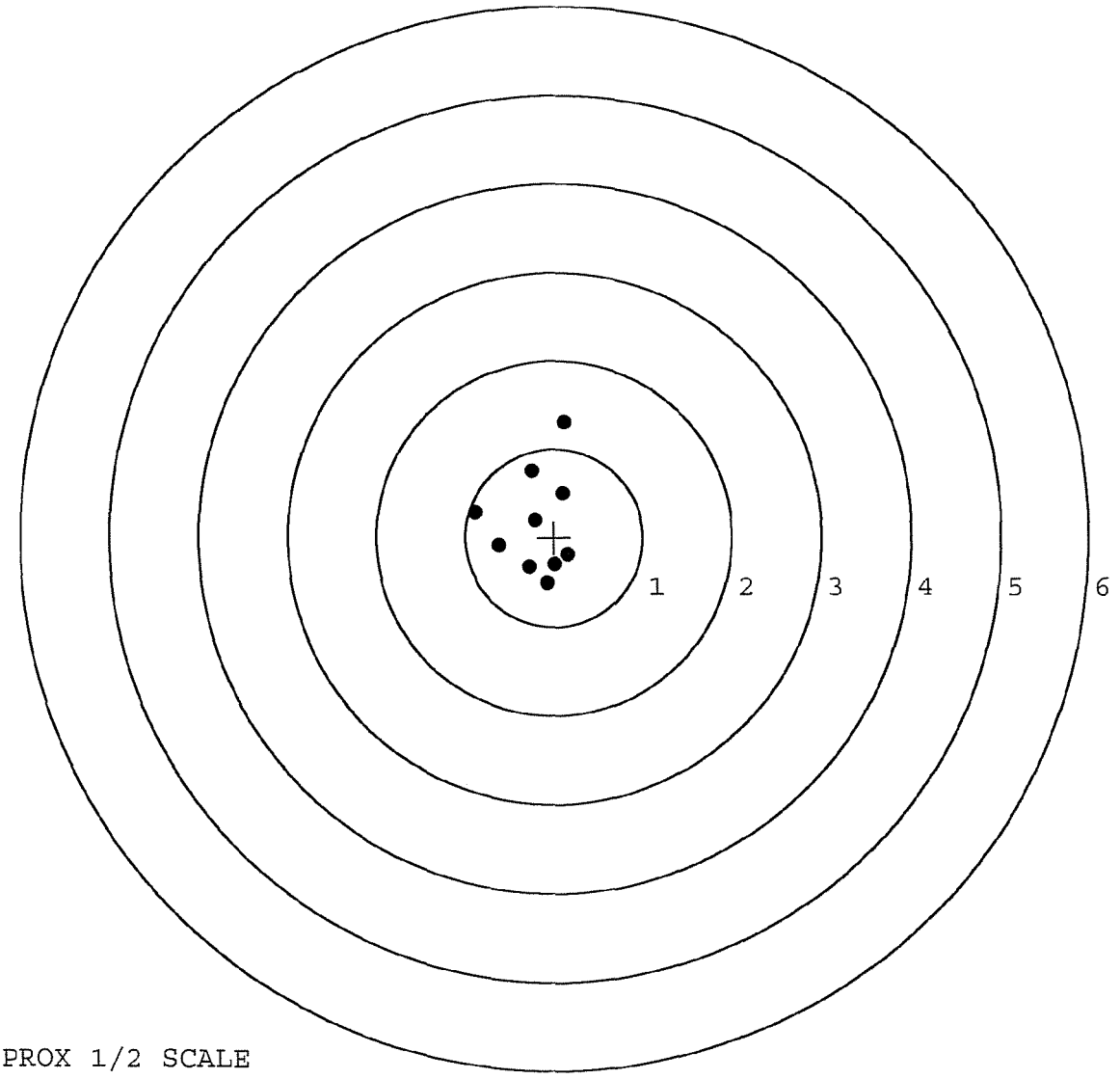


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611810.__0
TARGET NUMBER: 3
FILE DATE: 12/10/2004
FILE TIME: 07:54

X CENTROID:	-0.198
Y CENTROID:	0.156
POA TO CENTROID:	0.252
HORZ SPREAD:	1.045
VERT SPREAD:	1.822
GROUP SPREAD:	1.831
MIN RADIUS:	0.040
MAX RADIUS:	1.189
MEAN RADIUS:	0.566
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.110	1.304
2:	-0.254	0.750
3:	0.096	0.498
4:	-0.219	0.190
5:	-0.891	0.274
6:	-0.625	-0.099
7:	-0.283	-0.337
8:	0.007	-0.304
9:	0.154	-0.198
10:	-0.075	-0.518

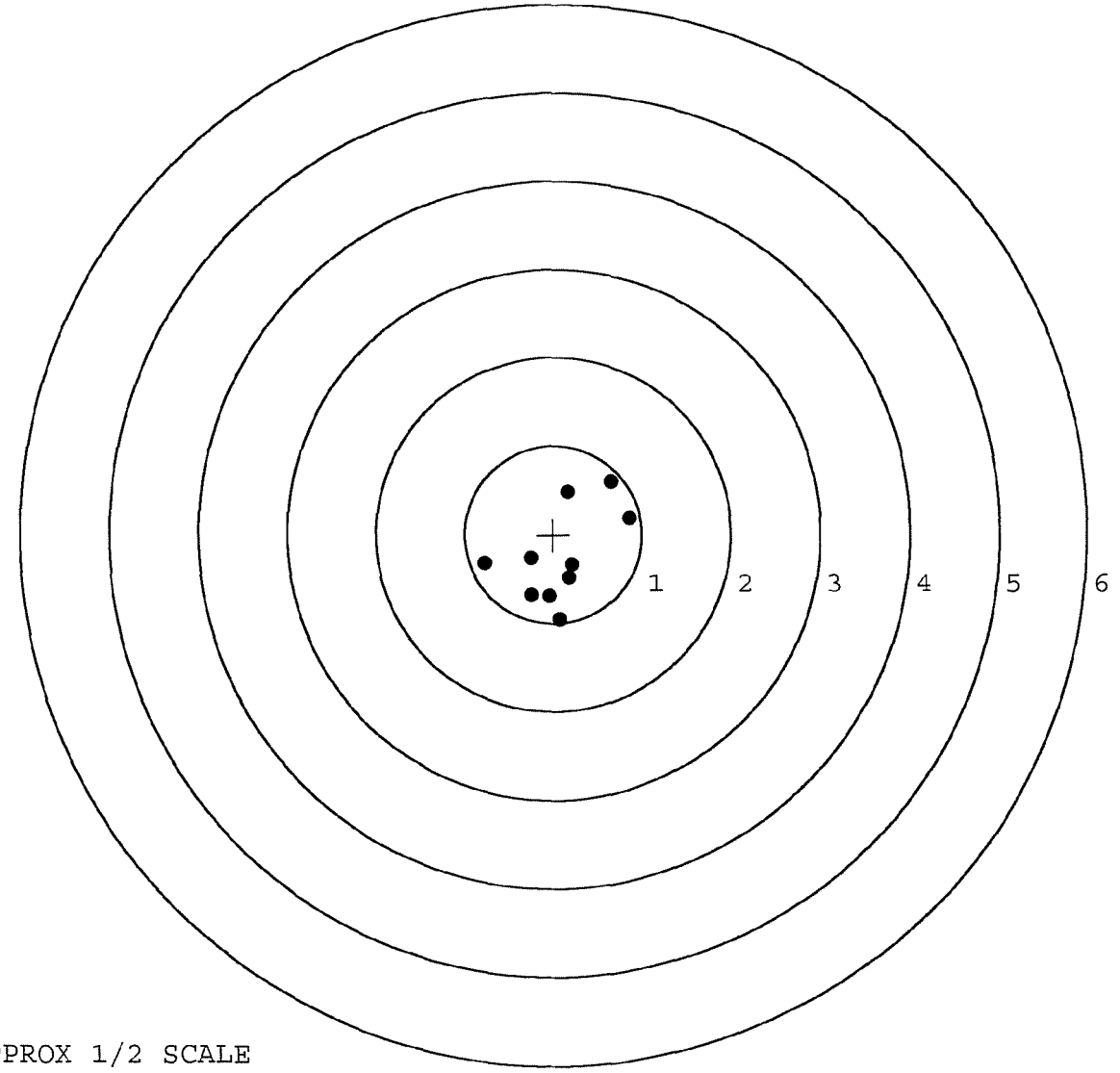


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611810.__0
TARGET NUMBER: 4
FILE DATE: 12/10/2004
FILE TIME: 07:54

X CENTROID:	0.080
Y CENTROID:	-0.251
POA TO CENTROID:	0.264
HORZ SPREAD:	1.642
VERT SPREAD:	1.561
GROUP SPREAD:	1.704
MIN RADIUS:	0.158
MAX RADIUS:	1.022
MEAN RADIUS:	0.601
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.863	0.193
2:	0.652	0.596
3:	0.160	0.485
4:	-0.259	-0.269
5:	-0.779	-0.330
6:	0.207	-0.346
7:	0.177	-0.490
8:	0.075	-0.965
9:	-0.250	-0.689
10:	-0.046	-0.699



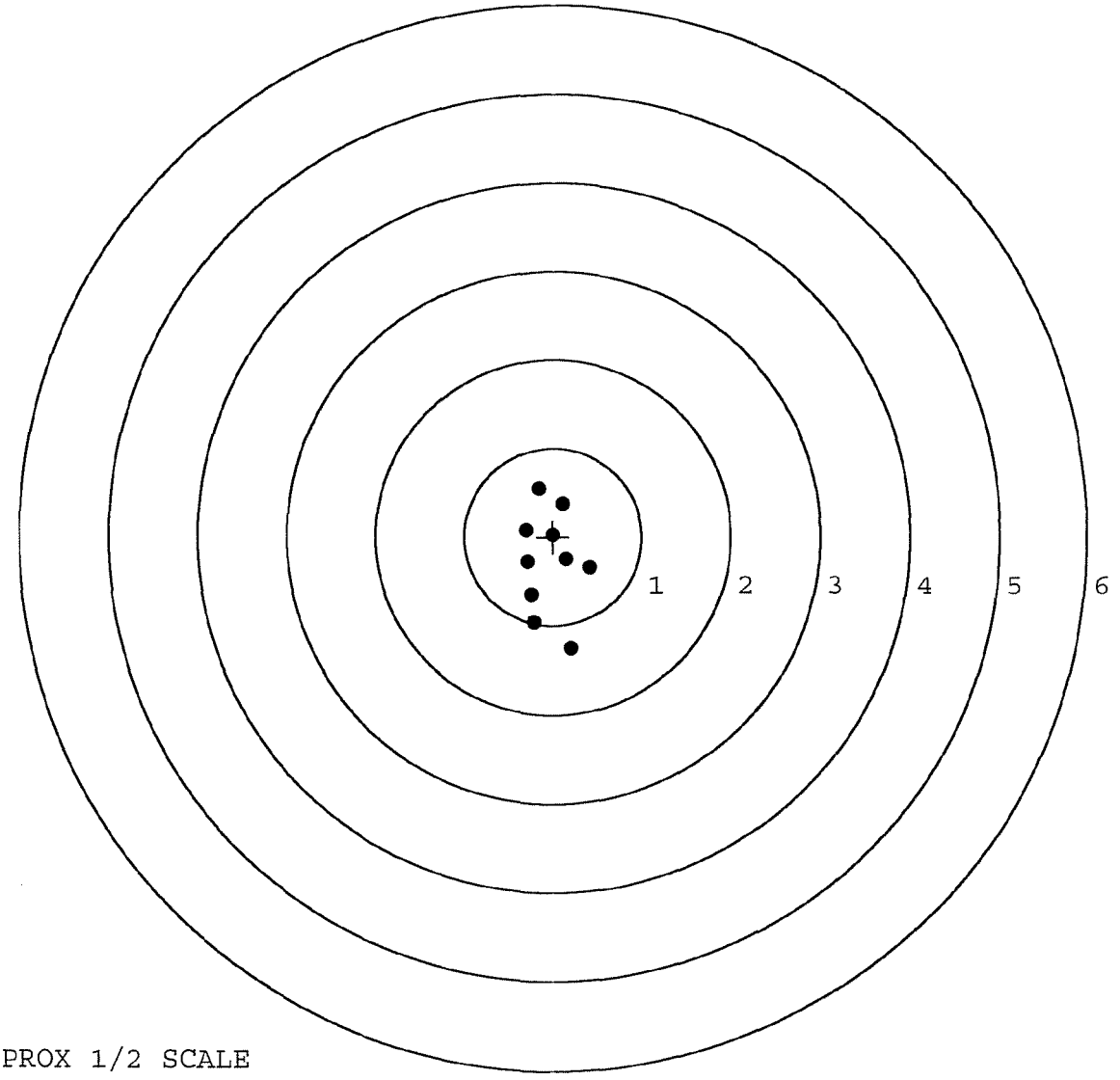
TARGET APPROX 1/2 SCALE

BARBER - M24 0036362

SERIAL NUMBER: C6611810.__0
TARGET NUMBER: 5
FILE DATE: 12/10/2004
FILE TIME: 07:54

X CENTROID:	-0.033
Y CENTROID:	-0.277
POA TO CENTROID:	0.279
HORZ SPREAD:	0.719
VERT SPREAD:	1.807
GROUP SPREAD:	1.843
MIN RADIUS:	0.182
MAX RADIUS:	1.015
MEAN RADIUS:	0.530
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.202	-1.265
2:	-0.215	-0.970
3:	-0.246	-0.657
4:	0.418	-0.352
5:	0.148	-0.256
6:	-0.301	0.076
7:	-0.291	-0.281
8:	0.113	0.368
9:	-0.161	0.542
10:	0.006	0.021



TARGET APPROX 1/2 SCALE

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

SERIAL # C6611810 INSPECTED BY: AC

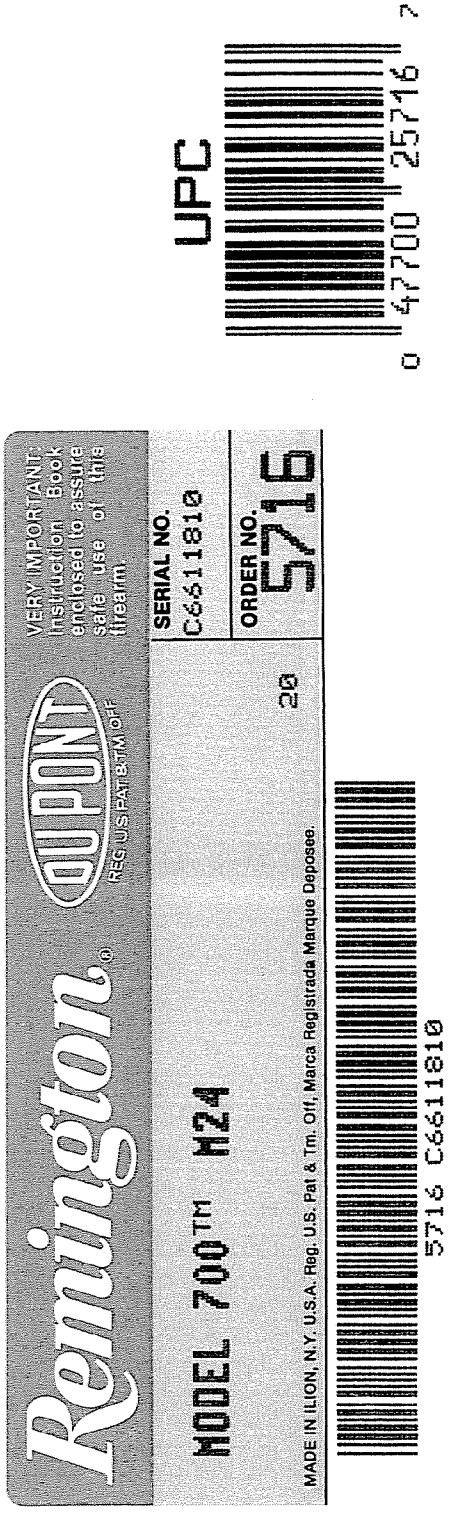
DATE REC'D: 11-23-04 DATE RET'D: 12-10-04

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

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

R & E NUMBER	88316		Supp # 4351
SERIAL NUMBER	C6611810		
LOG-IN DATE	11-23-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-29-04	RTL
560 A	RE-BARREL	12-1-04	RTL
B	DRILL AND TAP	NA	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	OPERATOR	
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	12-9-04	RTL
B	TRIGGER PULL TEST	NA	
C	SAFETY "ON" FORCE		N.A.
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-10-04	TRW
655	FINAL INSPECT	12-10-04	AC
660	PACK	12-11-04	DM
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED DEC 9 2004


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.
SERIAL NO.
C6611810
MODEL 700™ M24
ORDER NO.
5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
20
5716 C6611810
UPC
0 47700 25716 7

M-24

2.01 GLM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611810

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/22/91	KS
600	Proof		1/22/91	KS
607	Check Headspace		1/22/91	KS
610	Dis-assemble Gun		1/22/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GS
617	Drill and Tap Sight Holes	2 2	91	WB
618	Polish Barrel WBB	2 2	91	WB
620	Apply Coatings (Barrel Action)		2-11-91	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/13/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/13/91	KS
	C) Inspect Ejector Hole for Chamfer		2/13/91	KS
	D) Oil Firing Pin Ass'y		2/13/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		2/14/91	

op. #	OPERATION	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/14/91	JL
	G) Safety Off Force	3	3	3			2/14/91	JL
	H) Trigger Pull Test & Retainability						2/14/91	JL
	I) Firing Pin Indent	.021	.021	.021			2/14/91	JL
	J) Assemble Stock						2/15/91	KL
	K) Assemble Swivel Studs						2-25-91	AC
	L) Attach Front and Rear Sight Assemblies						2/15/91	KL
	M) Iron Sight Alignment						2/15/91	KL
	N) Detach Front & Rear Sights & place in numbered container						2/15/91	KL
	O) Attach Scope to Rifle						2/15/91	KL
	P) Detach & Attach Scope 20 Times						2/15/91	KL
640	Gallery Target & Test						2-18-91	MF
	A) Time						"	MF
	B) Malfunctions						"	MF
	C) Pierced Primers						"	MF
	D) Optical Clearity of Scope						"	MF
645	Inspect for Live Ammo						2-18-91	MF
655	Final Inspection A) Headspace						2-25-91	AC
	B) Trigger Pull	2.42	2.44	2.38	2.47	2.50	2/21/91	JL
	C) Function						2-25-91	AC
660	Pack						3-18-91	MF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6611810

DATE 2-14-91

TESTER

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.19	2.30	2.42	MIN. SETTING,
PULL #2	2.23	2.28	2.24	2.44	NO AVG. OF 5
PULL #3	2.35	2.24	2.30	2.38	READINGS ACCEPT-
PULL #4	2.30	2.24	2.28	2.47	ABLE LESS THAN 2#
PULL #5	2.27	2.26	2.30	2.50	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.41		
PULL #2	3.26	3.28		
PULL #3	3.29	3.35		
PULL #4	3.46	3.10		
PULL #5	3.48	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.14		4.51
PULL #2	4.26	4.44		4.49
PULL #3	4.38	4.46		4.29
PULL #4	4.33	4.42		4.34
PULL #5	4.32	4.46		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611810
19 Feb 1991

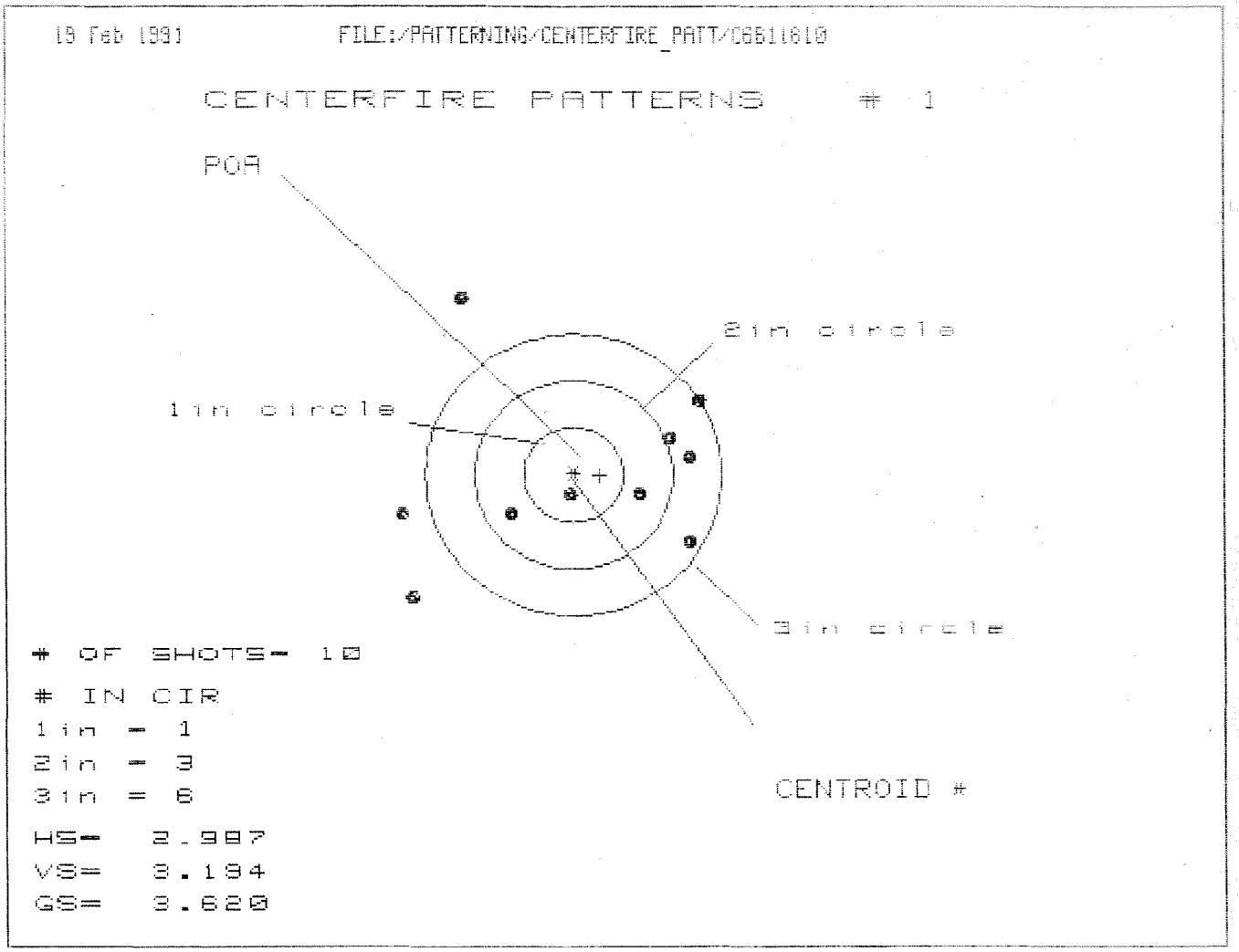
CENTROIDAL DISTANCES

0	TO	1	.265092
1	TO	2	.427866
1	TO	3	.323595
1	TO	4	.422689
1	TO	5	.244008

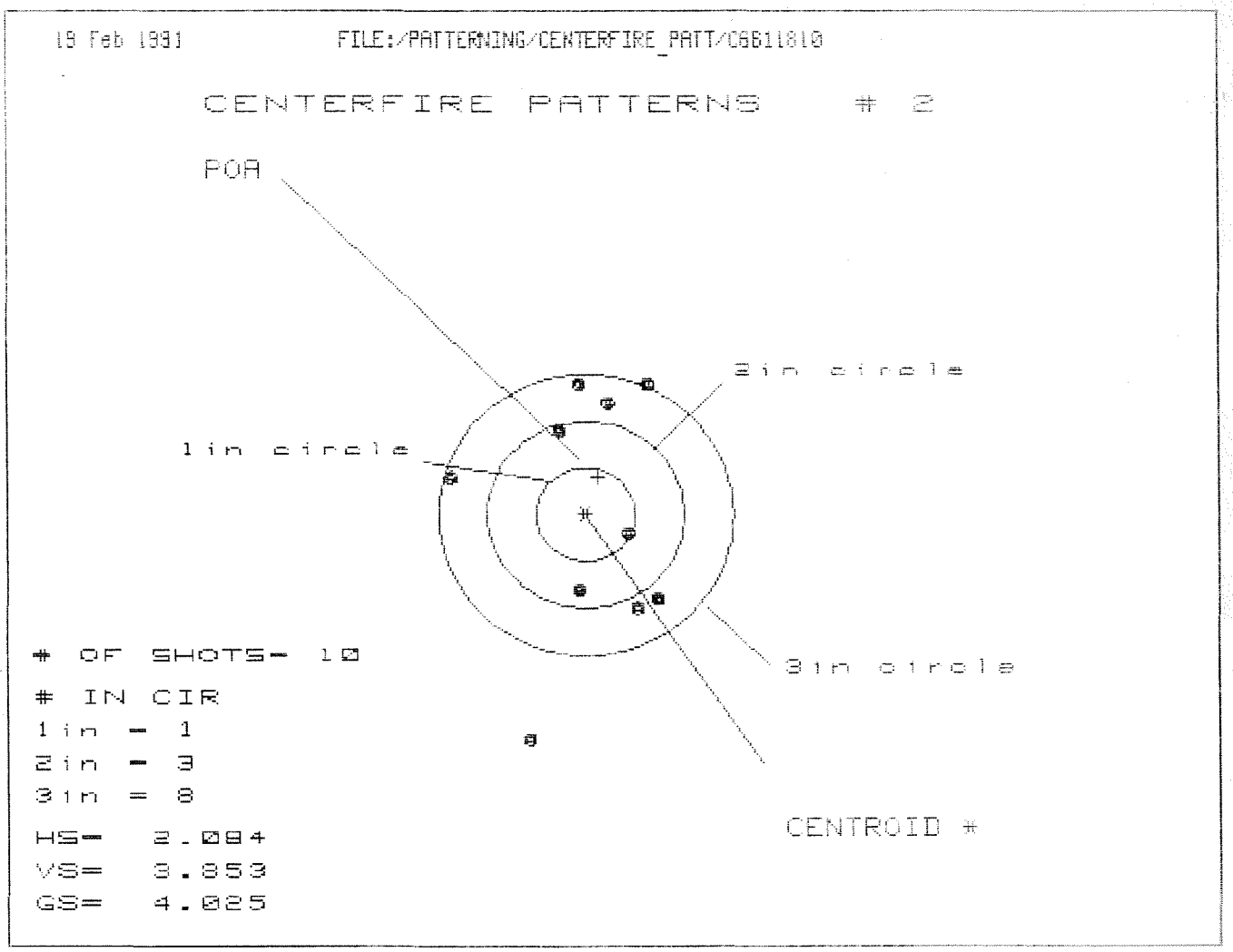
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1158
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1216
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .167917

THE AMR FOR THIS RIFLE IS: 1.202



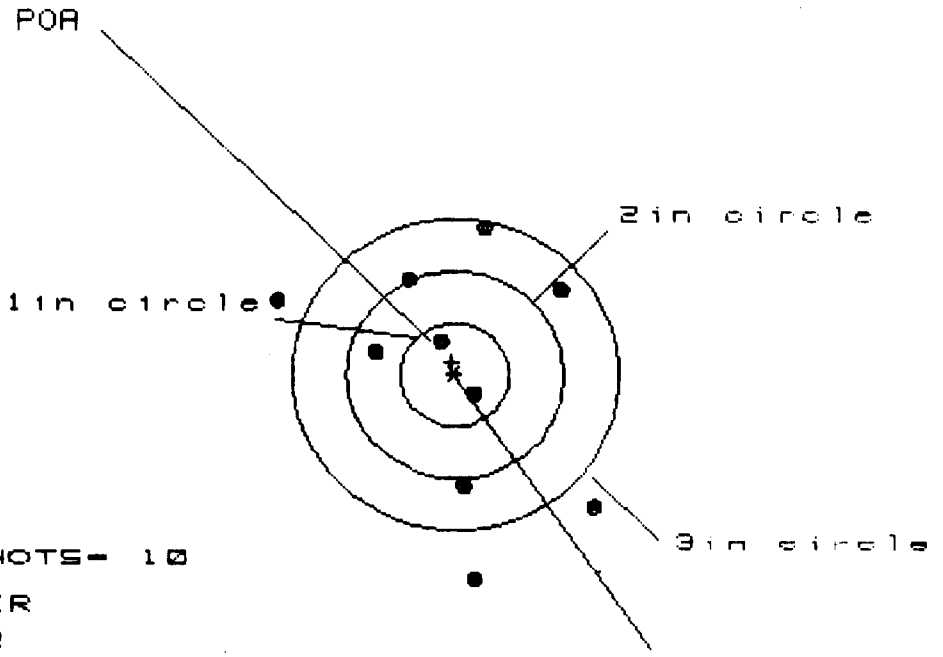
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.256	1.127	.905
MINIMUM X	:	-1.731	-1.860	-2.082
MAXIMUM Y	:	1.861	1.032	.891
MINIMUM Y	:	-1.333	-1.127	-.645
CENTROID X	:	-.265	-.136	.086
CENTROID Y	:	.007	-.199	-.058
POA TO CENTROID in.	:	.266	.241	.104
MIN RADIUS	:	.249	.150	.331
MEAN RADIUS	:	1.285	1.139	.976
MAX RADIUS	:	2.195	2.106	2.114
HORIZONTAL SPREAD	:	2.987	2.987	2.987
VERTICAL SPREAD	:	3.194	2.159	1.537
EXTREME SPREAD	:	3.620	3.620	3.241
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.689	.625	.691
MINIMUM X	:	-1.395	-1.459	-1.393
MAXIMUM Y	:	1.402	1.130	1.267
MINIMUM Y	:	-2.451	-1.270	-1.129
CENTROID X	:	-.127	-.063	-.129
CENTROID Y	:	-.398	-.126	-.267
POA TO CENTROID in.	:	.418	.141	.297
MIN RADIUS	:	.458	.613	.543
MEAN RADIUS	:	1.253	1.092	1.064
MAX RADIUS	:	2.517	1.466	1.422
HORIZONTAL SPREAD	:	2.084	2.084	2.084
VERTICAL SPREAD	:	3.853	2.400	2.396
EXTREME SPREAD	:	4.025	2.467	2.467
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

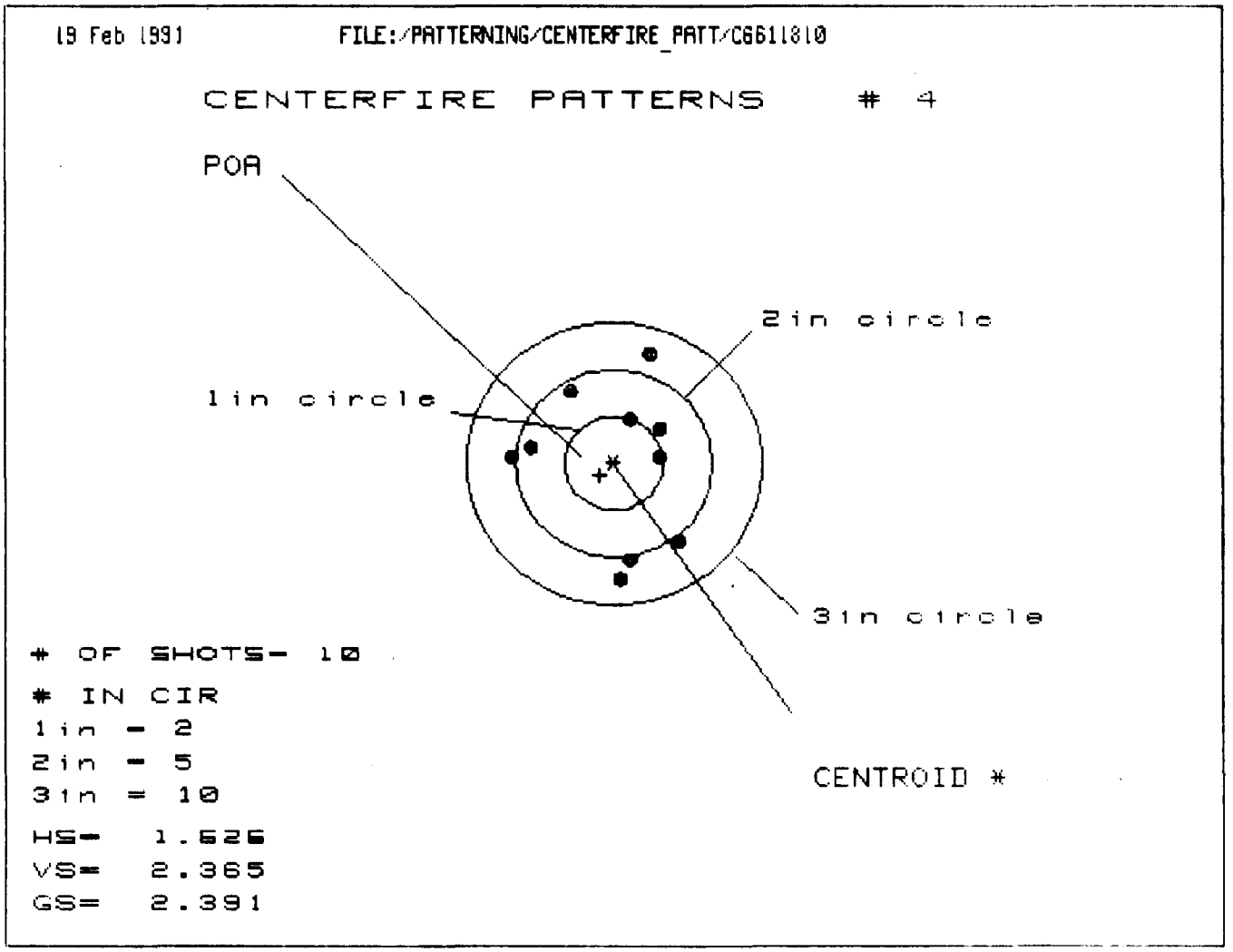
19 Feb 1991 FILE:/PATTERNING/CENTERFIRE_PATT/CG611810

CENTERFIRE PATTERNS # 3



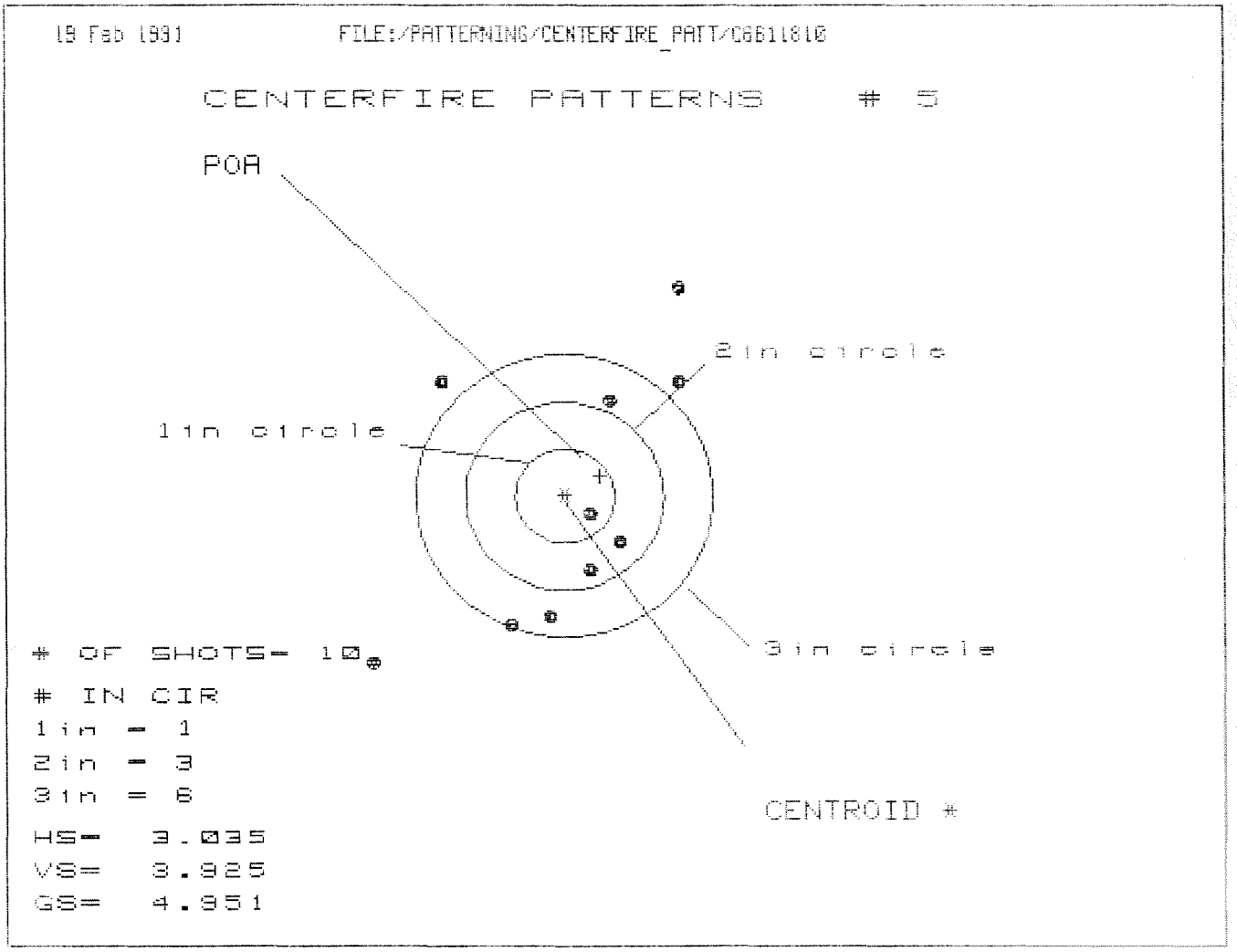
# OF SHOTS= 10
# IN CIR
1in = 2
2in = 3
3in = 7
HS= 2.889
VS= 3.443
GS= 3.502

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.272	1.285	1.146
MINIMUM X	:	-1.617	-1.604	-1.443
MAXIMUM Y	:	1.442	1.220	1.036
MINIMUM Y	:	-2.001	-1.474	-1.444
CENTROID X	:	.030	.017	-.144
CENTROID Y	:	-.126	.096	.280
POA TO CENTROID in.	:	.130	.098	.315
MIN RADIUS	:	.272	.163	.085
MEAN RADIUS	:	1.176	1.051	.907
MAX RADIUS	:	2.004	1.956	1.478
HORIZONTAL SPREAD	:	2.889	2.889	2.589
VERTICAL SPREAD	:	3.443	2.694	2.480
EXTREME SPREAD	:	3.502	3.502	2.590
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.612	.618	.668
MINIMUM X	:	-1.014	-1.008	-.958
MAXIMUM Y	:	1.126	.989	.786
MINIMUM Y	:	-1.239	-1.156	-1.033
CENTROID X	:	.140	.134	.084
CENTROID Y	:	.128	.265	.142
POA TO CENTROID in.	:	.189	.297	.165
MIN RADIUS	:	.438	.365	.489
MEAN RADIUS	:	.876	.811	.793
MAX RADIUS	:	1.240	1.177	1.104
HORIZONTAL SPREAD	:	1.626	1.626	1.626
VERTICAL SPREAD	:	2.365	2.145	1.819
EXTREME SPREAD	:	2.391	2.155	1.990

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 10



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.141	.930	1.044
MINIMUM X	:	-1.894	-1.453	-1.339
MAXIMUM Y	:	2.176	1.981	1.319
MINIMUM Y	:	-1.749	-1.528	-1.280
CENTROID X	:	-.357	-.146	-.260
CENTROID Y	:	-.219	-.024	-.272
POA TO CENTROID in.	:	.418	.148	.376
MIN RADIUS	:	.340	.390	.230
MEAN RADIUS	:	1.418	1.281	1.113
MAX RADIUS	:	2.579	2.181	1.879

VERTICAL SPREAD :	3.925	3.509	2.599
EXTREME SPREAD :	4.951	3.886	3.076
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		6	