C6611807

MODEL 700™ M24

Model SWS ™

Action

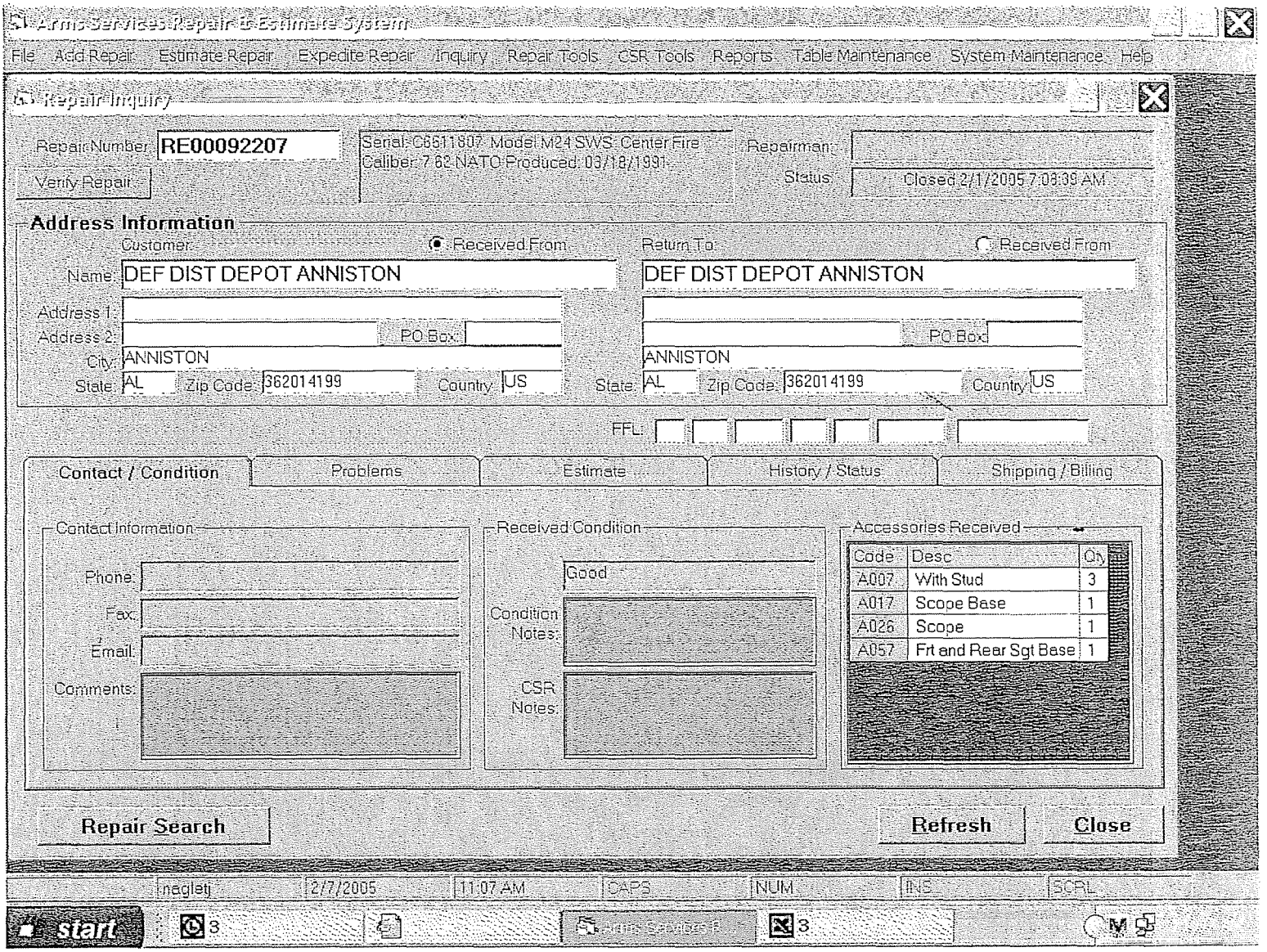
Barrel Length

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: RE00092207
Verify Repair
Serial: C6611807 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/18/1991
Repairman:
Status: Closed 2/1/2005 7:03:39 AM
Address Information
Customer: Received From
Name: DEF DIST DEPOT ANNISTON
Address 1:
Address 2: PO Box:
City: ANNISTON
State: AL Zip Code: 362014199 Country: US
Return To: Received From
DEF DIST DEPOT ANNISTON
PO Box:
ANNISTON
State: AL Zip Code: 362014199 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone:
Fax:
Email:
Comments:
Received Condition
Good
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A007 With Stud 3
A017 Scope Base 1
A026 Scope 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
nagley 2/7/2005 11:07 AM CAPS NUM INS SCRL
start


Serial Number:
C6611807
Model: M24 SWS
RE00092207

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611807.__0
FILE DATE AND TIME: 06/17/2005 01:44

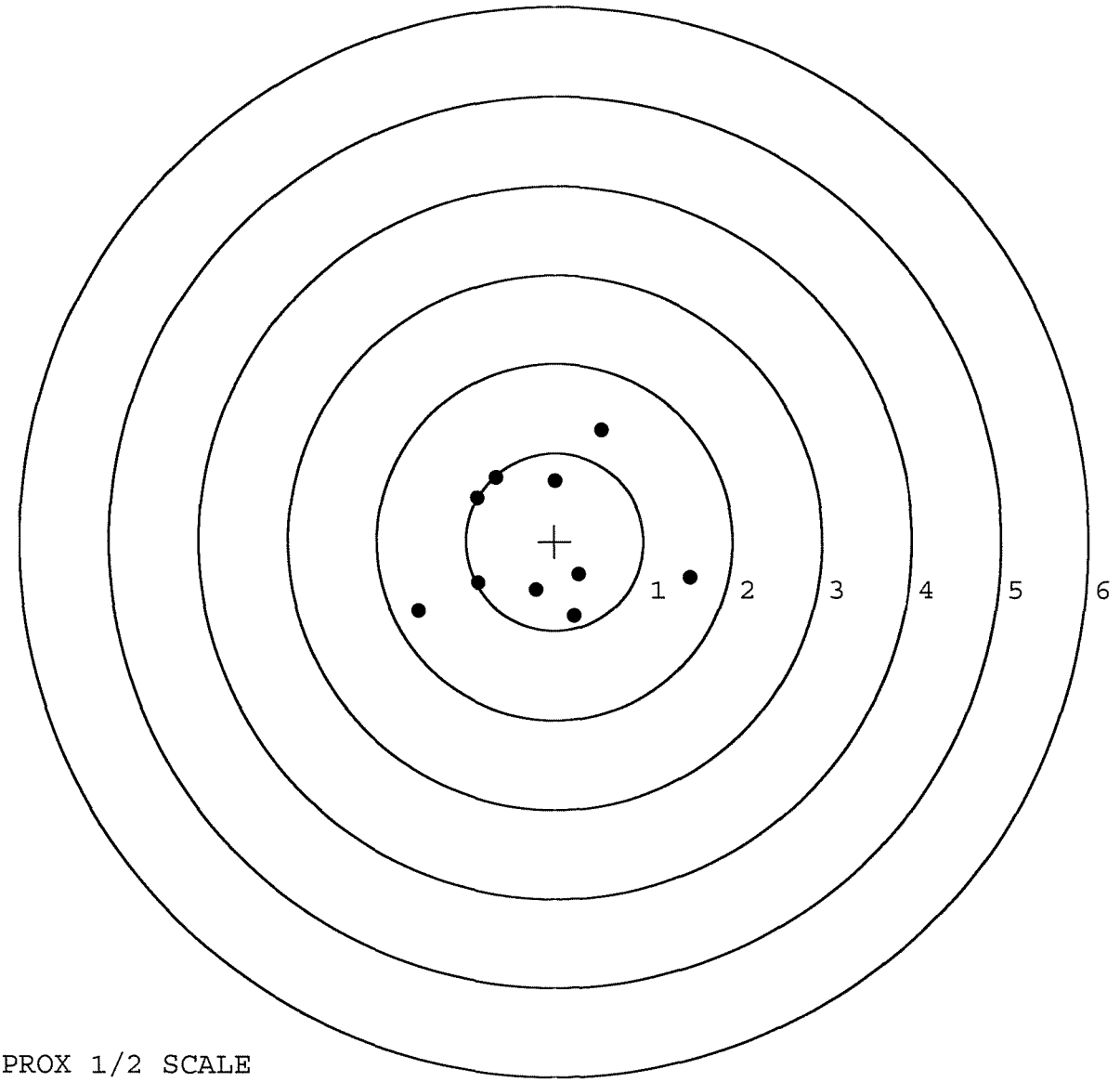
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.219
The Average Y Centroid of the Five Target Set:	0.072
The Average Point of Impact of the Five Target Set:	0.231
The Average Mean Radius of the Five Target Set:	0.906
The Distance from POA to Centroid Target #1:	0.164
The Distance from Centroid Target #2 to Centroid Target #1:	0.077
The Distance from Centroid Target #3 to Centroid Target #1:	0.503
The Distance from Centroid Target #4 to Centroid Target #1:	0.056
The Distance from Centroid Target #5 to Centroid Target #1:	0.293

SERIAL NUMBER: 6611807.__0
TARGET NUMBER: 1
FILE DATE: 06/17/2005
FILE TIME: 01:44

X CENTROID:	-0.161
Y CENTROID:	-0.029
POA TO CENTROID:	0.164
HORZ SPREAD:	3.049
VERT SPREAD:	2.099
GROUP SPREAD:	3.072
MIN RADIUS:	0.523
MAX RADIUS:	1.725
MEAN RADIUS:	1.007
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.531	1.254
2:	-0.005	0.684
3:	-0.665	0.724
4:	-0.877	0.488
5:	-0.860	-0.472
6:	0.271	-0.372
7:	-0.218	-0.549
8:	0.221	-0.845
9:	1.521	-0.413
10:	-1.528	-0.791

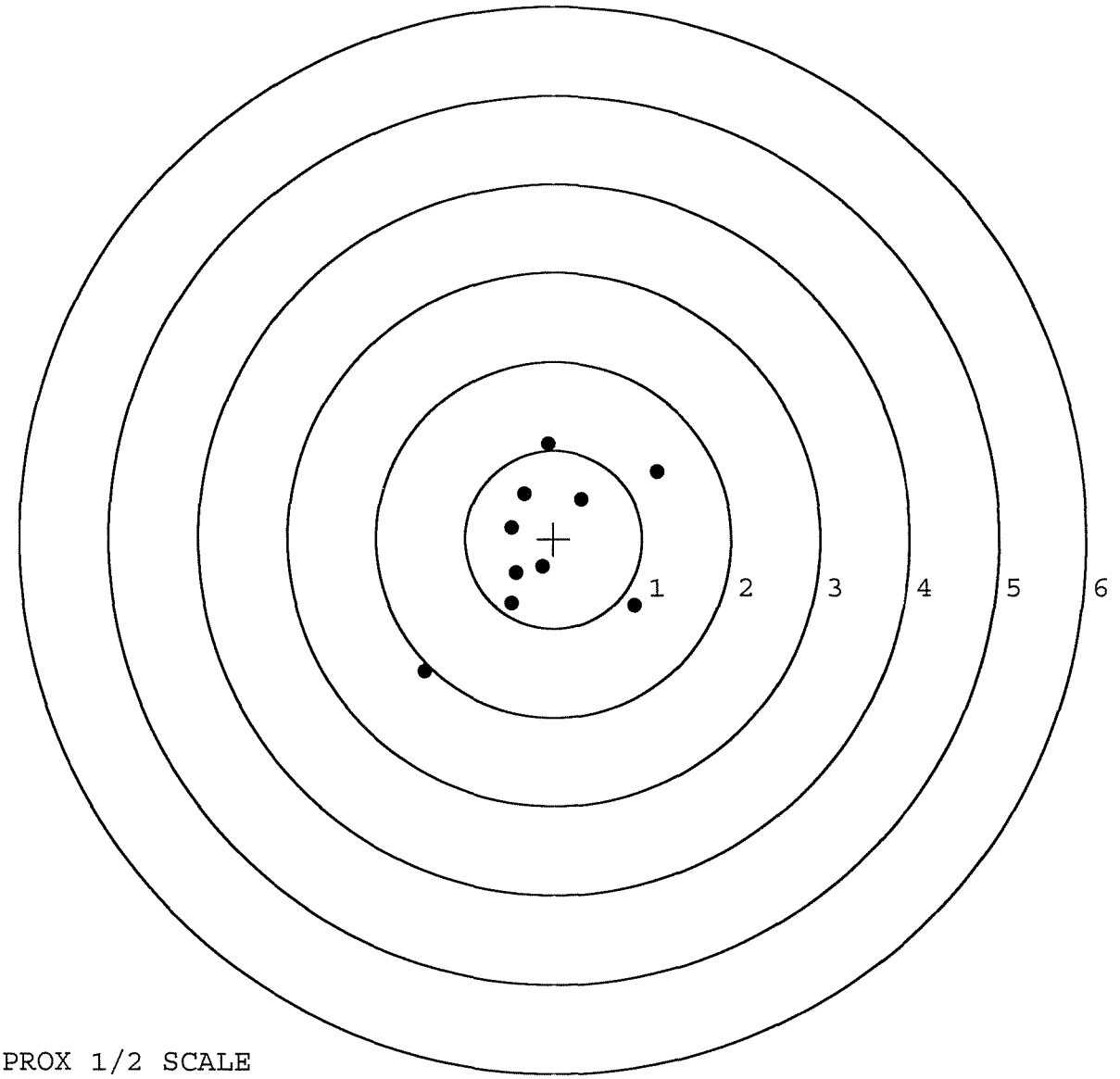


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: 6611807.__0
TARGET NUMBER: 2
FILE DATE: 06/17/2005
FILE TIME: 01:44

X CENTROID:	-0.099
Y CENTROID:	-0.075
POA TO CENTROID:	0.124
HORZ SPREAD:	2.627
VERT SPREAD:	2.558
GROUP SPREAD:	3.459
MIN RADIUS:	0.245
MAX RADIUS:	1.963
MEAN RADIUS:	0.901
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.169	0.760
2:	0.909	-0.751
3:	0.307	0.448
4:	-0.335	0.509
5:	-0.477	0.133
6:	-0.130	-0.318
7:	-0.429	-0.382
8:	-0.484	-0.723
9:	-1.458	-1.491
10:	-0.065	1.067

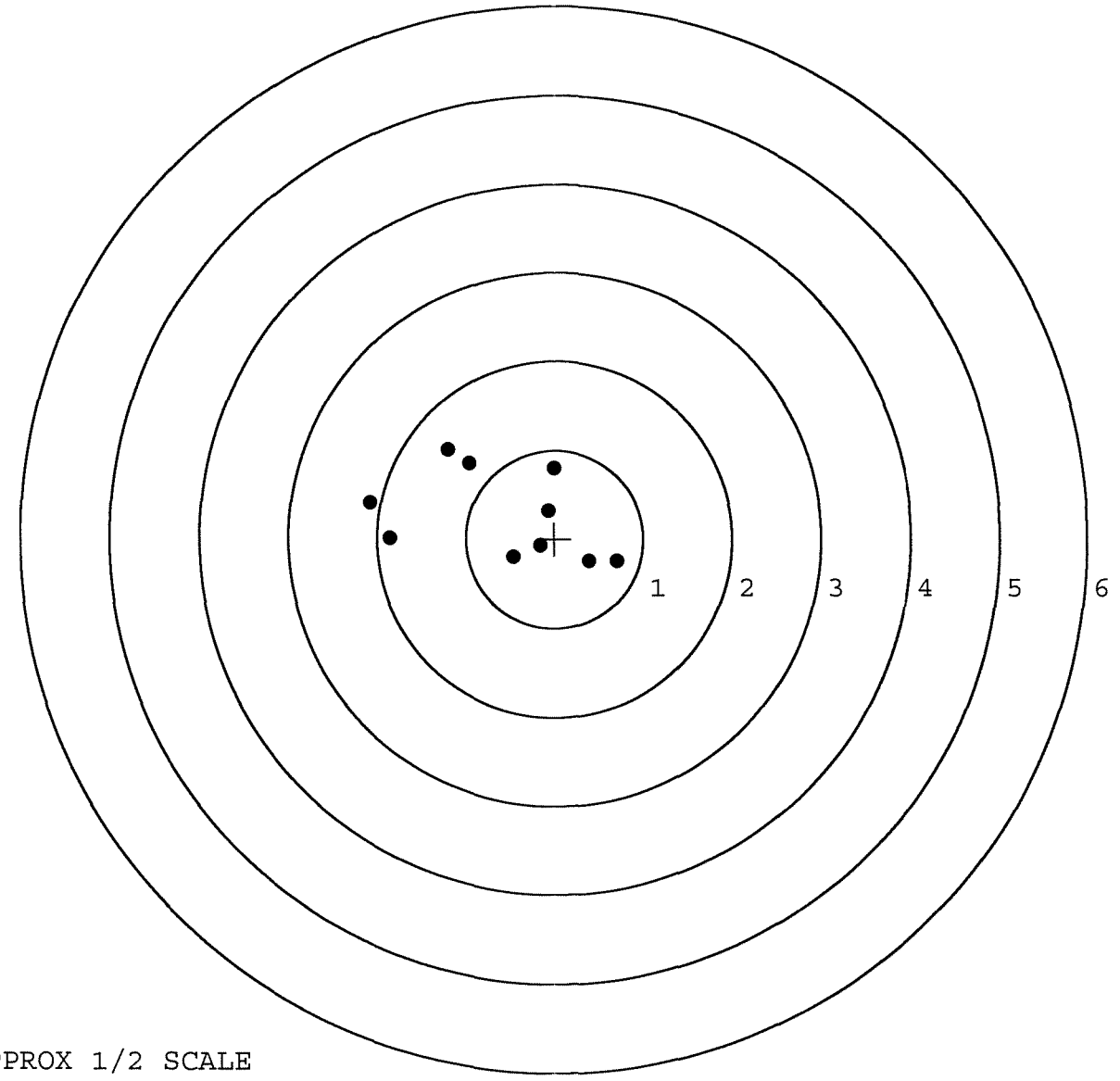


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: 6611807.__0
TARGET NUMBER: 3
FILE DATE: 06/17/2005
FILE TIME: 01:44

X CENTROID:	-0.572
Y CENTROID:	0.260
POA TO CENTROID:	0.628
HORZ SPREAD:	2.777
VERT SPREAD:	1.252
GROUP SPREAD:	2.852
MIN RADIUS:	0.476
MAX RADIUS:	1.510
MEAN RADIUS:	0.926
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.008	0.798
2:	-0.072	0.315
3:	-0.160	-0.078
4:	-0.468	-0.205
5:	0.702	-0.248
6:	0.388	-0.250
7:	-0.964	0.853
8:	-1.205	1.002
9:	-2.075	0.403
10:	-1.859	0.007

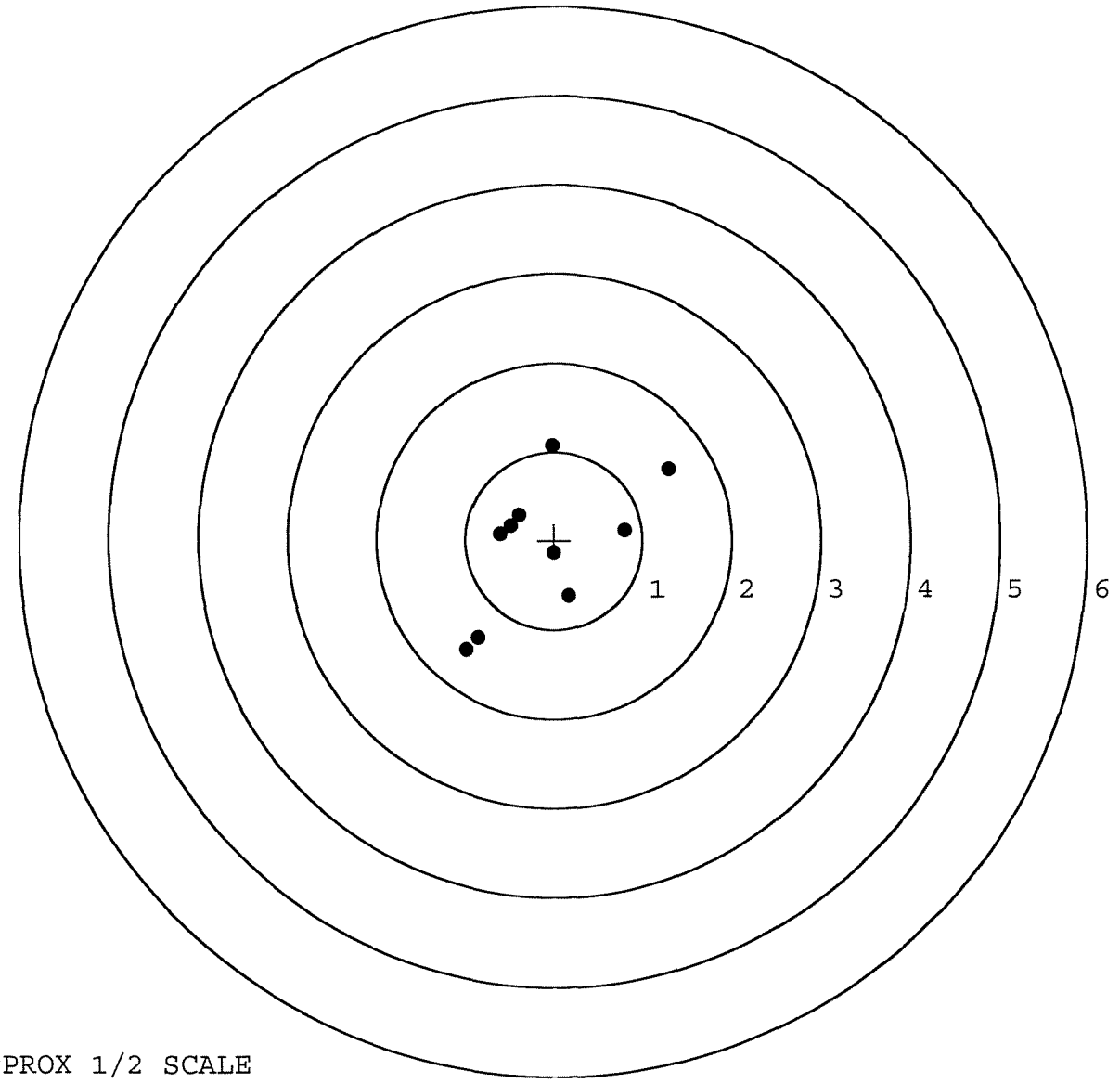


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: 6611807.__0
TARGET NUMBER: 4
FILE DATE: 06/17/2005
FILE TIME: 01:44

X CENTROID:	-0.112
Y CENTROID:	-0.057
POA TO CENTROID:	0.126
HORZ SPREAD:	2.281
VERT SPREAD:	2.299
GROUP SPREAD:	3.057
MIN RADIUS:	0.136
MAX RADIUS:	1.649
MEAN RADIUS:	0.862
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.293	0.805
2:	-0.021	1.068
3:	0.795	0.115
4:	0.164	-0.632
5:	-0.859	-1.090
6:	-0.988	-1.231
7:	-0.395	0.293
8:	-0.613	0.074
9:	-0.491	0.171
10:	-0.007	-0.143

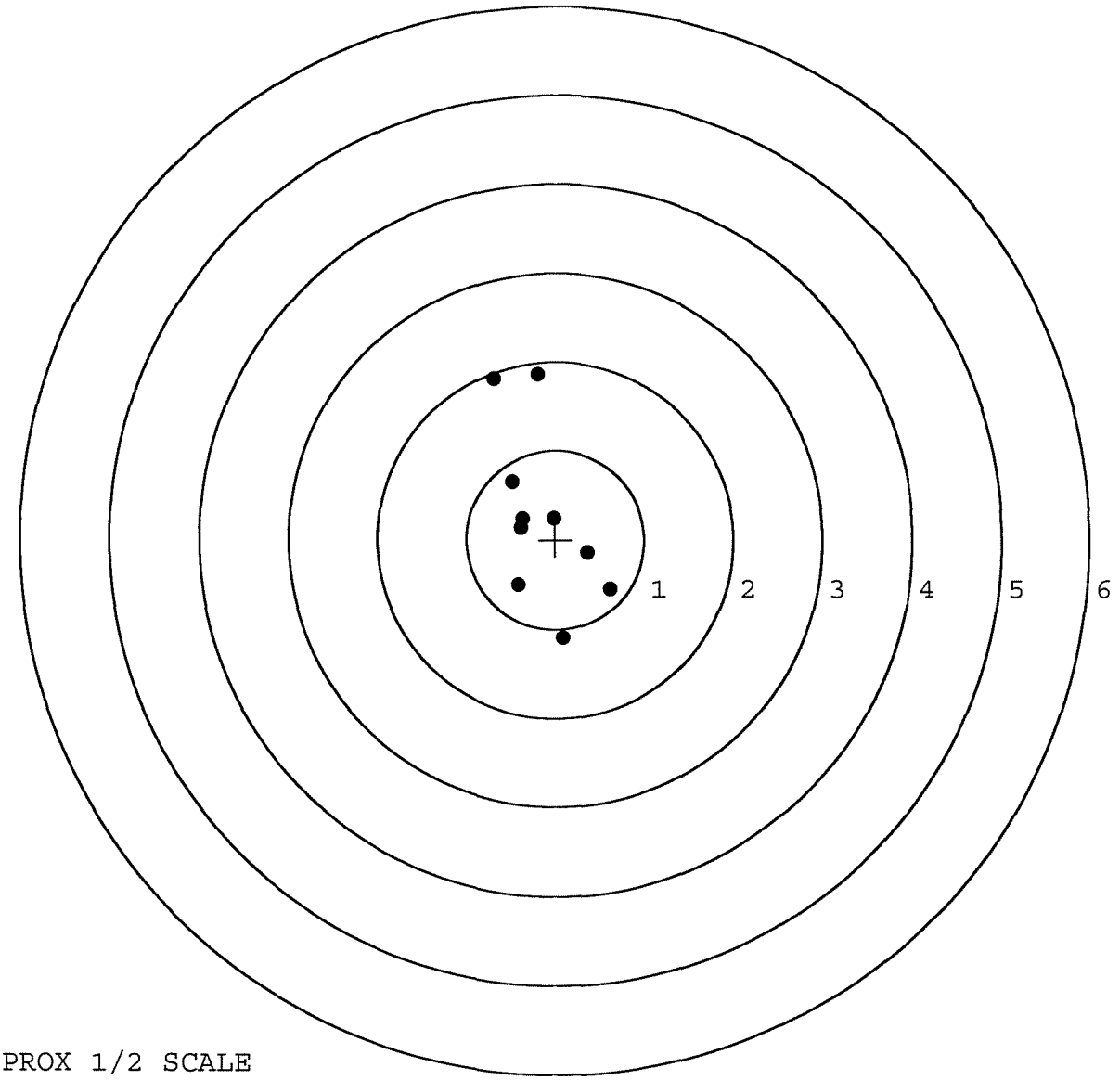


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: 6611807.__0
TARGET NUMBER: 5
FILE DATE: 06/17/2005
FILE TIME: 01:44

X CENTROID:	-0.151
Y CENTROID:	0.264
POA TO CENTROID:	0.304
HORZ SPREAD:	1.311
VERT SPREAD:	2.962
GROUP SPREAD:	3.016
MIN RADIUS:	0.138
MAX RADIUS:	1.638
MEAN RADIUS:	0.836
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.366	-0.142
2:	0.617	-0.551
3:	0.093	-1.103
4:	-0.424	-0.501
5:	-0.016	0.239
6:	-0.390	0.140
7:	-0.490	0.652
8:	-0.202	1.859
9:	-0.694	1.809
10:	-0.373	0.236



TARGET APPROX 1/2 SCALE

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

R.& E NUMBER	92207		
SERIAL NUMBER	C661807		
LOG-IN DATE	2-1-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE	N/A	
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	7-14-05	
D	SAFETY "OFF" FORCE	7-14-05	
E	~~FIRING PIN INDENT~~	7-14-05	
640	TARGET Test	6-16-05	
655	FINAL INSPECT	7-14-05	
660	PACK	9-7-05	
		SHIP DATE	
	QAR INSPECTION DATE		

Remington®

DUPONT
REG U.S. PAT & TM OFF.

VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

MODEL 700™ M24

SERIAL NO. C6611807

ORDER NO. 5716

20

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

5716 C6611807

UPC

0 47700 25716 7

GRM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611807

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		"	[illegible]
617	Drill and Tap Sight Holes	2 2	9 1	[illegible]
618	Polish Barrel [illegible]	2 2	9 1	[illegible]
620	Apply Coatings (Barrel Action)		2-11 91	[illegible]
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/18/91	[illegible]
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/18/91	[illegible]
	C) Inspect Ejector Hole for Chamfer		2/18/91	[illegible]
	D) Oil Firing Pin Ass'y		2/18/91	[illegible]
	E) Adjust Trigger Pull to Min Setting and Stake		2/19/91	[illegible]

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			2/19/91	WB
	G) Safety Off Force	3	3	3			2/19/91	WB
	H) Trigger Pull Test & Retainability						2/19/91	
	I) Firing Pin Indent	.022	.022	.022			2/19/91	WB
	J) Assemble Stock						2/20/91	
	K) Assemble Swivel Studs						2-25-91	AC
	L) Attach Front and Rear Sight Assemblies						2/20/91	
	M) Iron Sight Alignment						2/20/91	
	N) Detach Front & Rear Sights & place in numbered container						2/20/91	
	O) Attach Scope to Rifle						2/20/91	
	P) Detach & Attach Scope 20 Times						2/20/91	
640	Gallery Target & Test						2-22-91	
	A) Time						"	
	B) Malfunctions						"	
	C) Pierced Primers						"	
	D) Optical Clearity of Scope						"	
645	Inspect for Live Ammo						2-22-91	
655	Final Inspection A) Headspace						2-22-91	AC
	B) Trigger Pull	2.22	2.38	2.35	2.36	2.38	2/25/91	
	C) Function						2-22-91	AC
660	Pack						3-18-91	

MOD. _____ GA. CAL. _____ GUN # 1867

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
VF	2/22	Magazine not feeding properly.	KS
	2nd	Repaired 2-22-91	KS
	3rd		
	4th		

FUNCTION RD 6654 Rev 1

TEST	INIT.	ACTION TO CORRECT	ASSEM. #
PROOF			
TEST			
TGT			
PROOF			
TEST			
TGT			
		ENGINEER	
PROOF			
TEST			
TGT			
		ENGINEER	
PROOF			
TEST			
TGT			

SWS TRIGGER PULL TEST

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

SERIAL NO. C6611807
DATE 2/19/81
TESTER

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.53	2.48	2.22	MIN. SETTING,
PULL #2	2.33	2.27	2.49	2.38	NO AVG. OF 5
PULL #3	2.30	2.42	2.40	2.35	READINGS ACCEPT-
PULL #4	2.27	2.33	2.30	2.36	ABLE LESS THAN 2#
PULL #5	2.28	2.50	2.31	2.38	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.55	3.15		
PULL #2	3.41	3.35		
PULL #3	3.47	3.44		
PULL #4	3.46	3.48		
PULL #5	3.44	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.19		4.44
PULL #2	4.22	4.23		4.16
PULL #3	4.25	4.18		4.35
PULL #4	4.26	4.11		4.25
PULL #5	4.26	4.18		4.18
TOTAL				
AVG.				

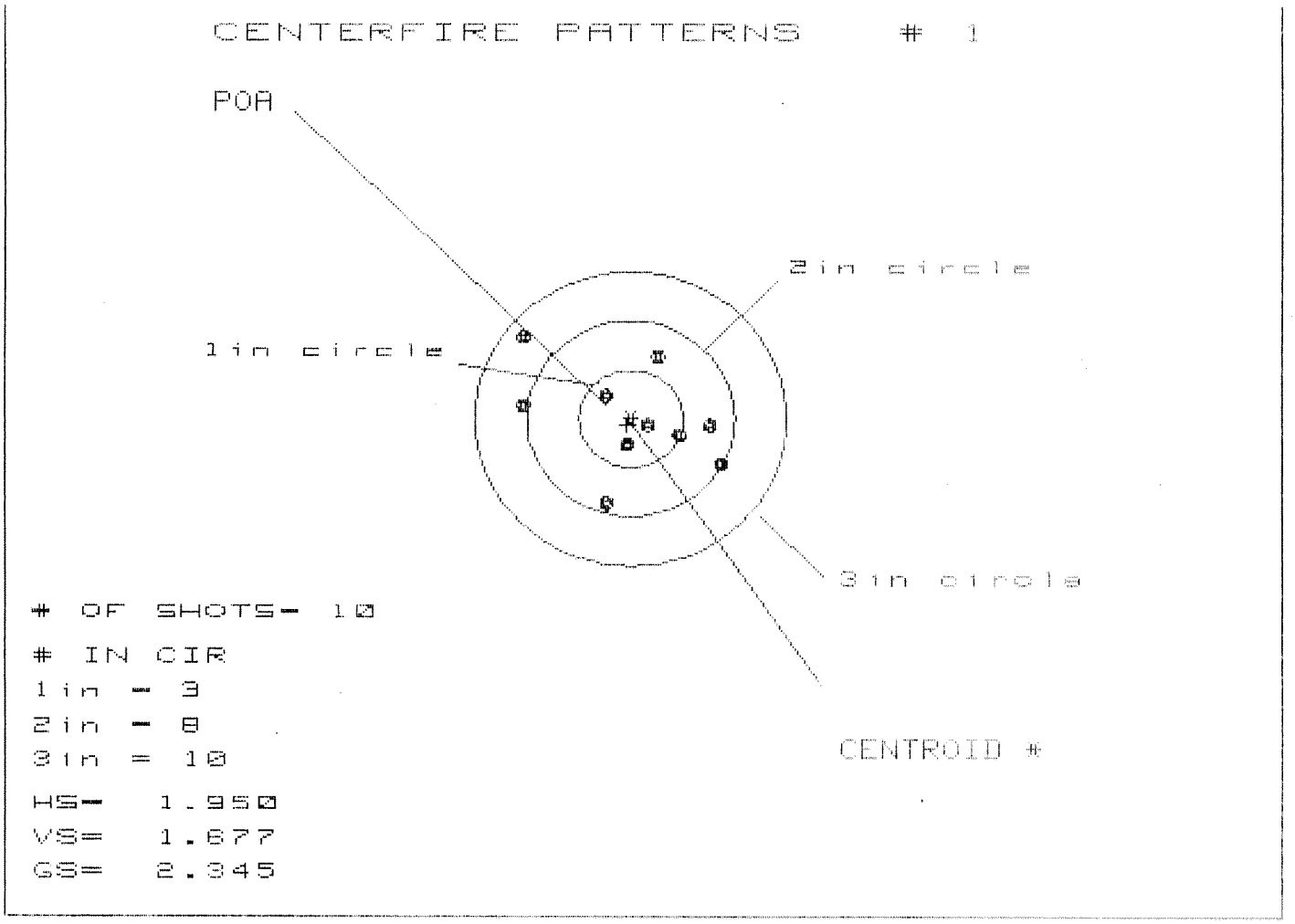
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611807
22 Feb 1991

CENTROIDAL DISTANCES

0	TO	1	.0740945
1	TO	2	.052345
1	TO	3	.301443
1	TO	4	.154548
1	TO	5	.242528

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0206
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0276
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0344401

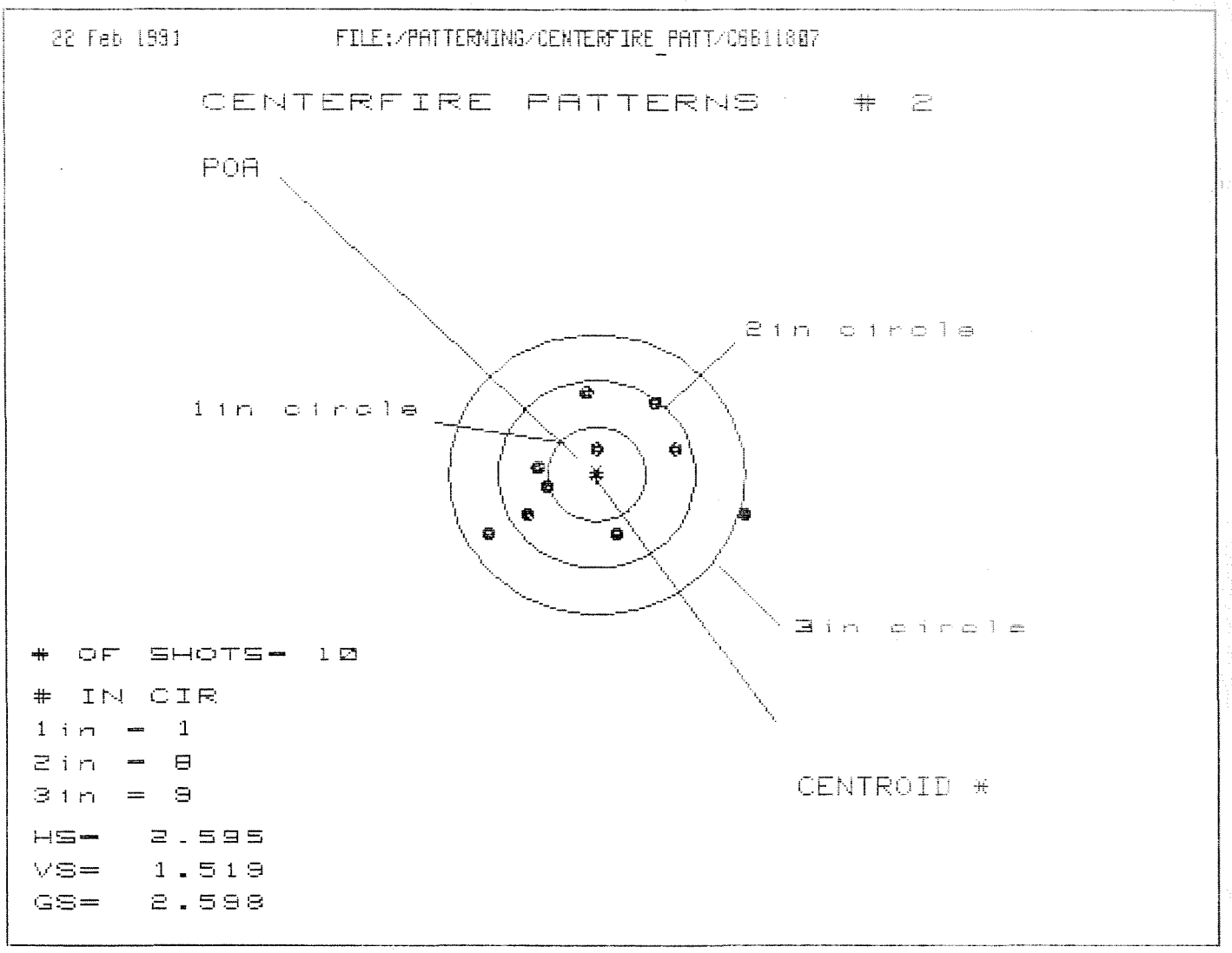
THE AMR FOR THIS RIFLE IS: .989



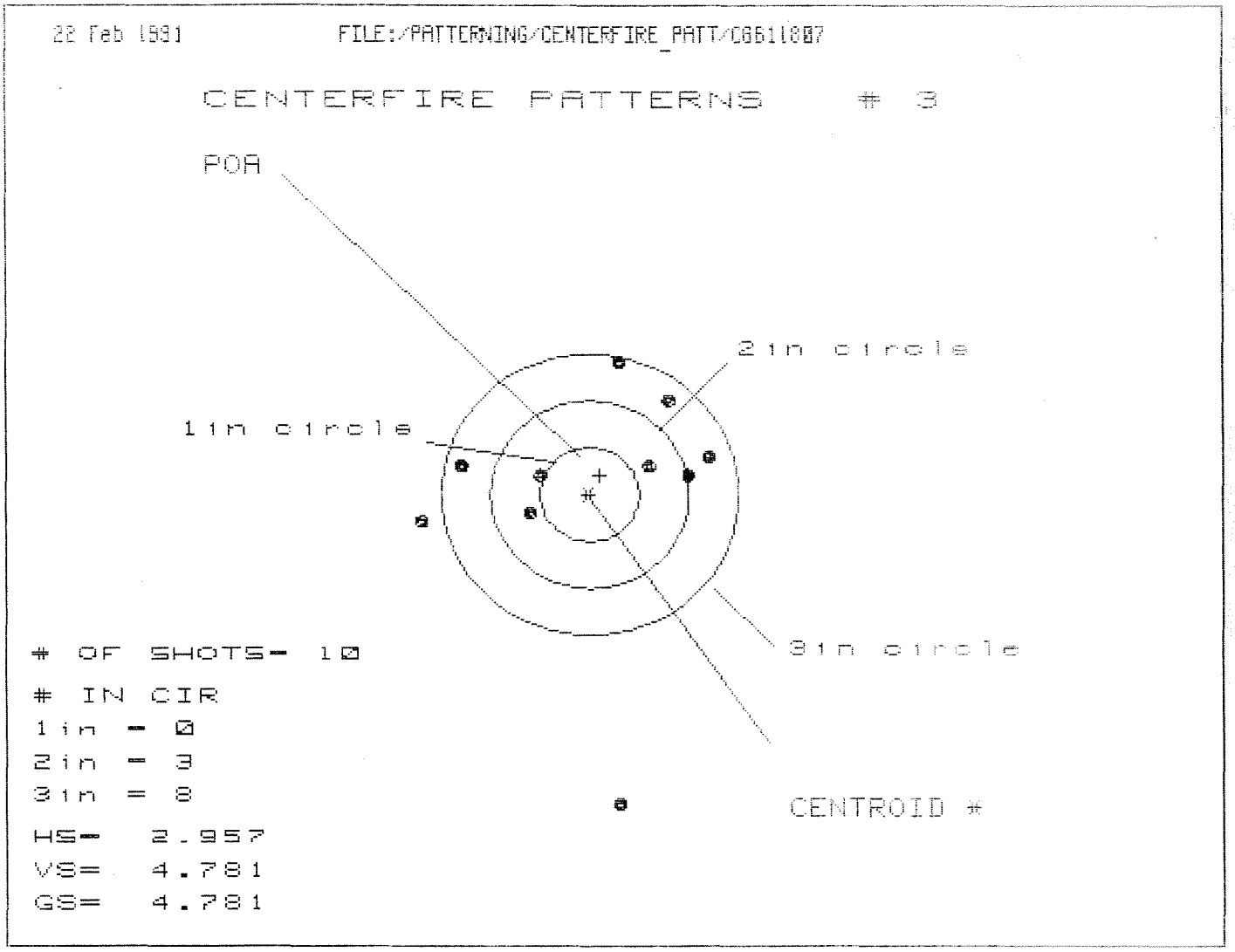
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.889	.771	.632
MINIMUM X	:	-1.061	-1.112	-.537
MAXIMUM Y	:	.855	.756	.783
MINIMUM Y	:	-.822	-.727	-.700
CENTROID X	:	.039	.157	.296
CENTROID Y	:	.063	-.032	-.060
POA TO CENTROID in.	:	.074	.160	.302
MIN RADIUS	:	.202	.059	.084
MEAN RADIUS	:	.709	.605	.527
MAX RADIUS	:	1.363	1.134	.858

HORIZONTAL SPREAD	:	1.950	1.883	1.169
VERTICAL SPREAD	:	1.677	1.483	1.483
EXTREME SPREAD	:	2.345	1.968	1.578

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



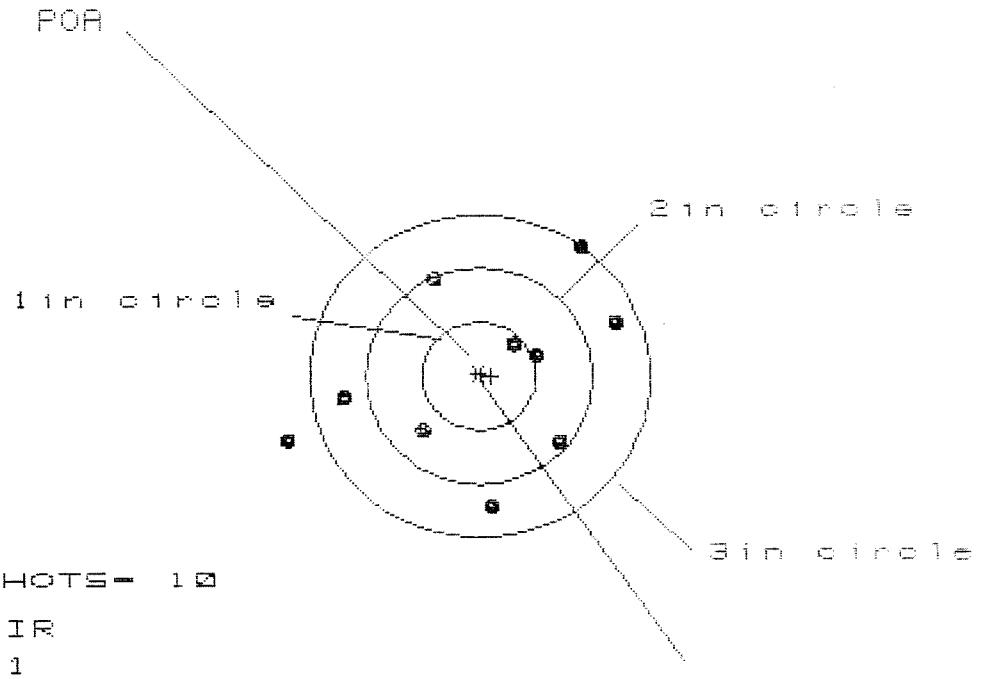
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.466	1.008	.887
MINIMUM X	:	-1.129	-.966	-.615
MAXIMUM Y	:	.916	.864	.783
MINIMUM Y	:	-.603	-.655	-.736
CENTROID X	:	.001	-.162	-.041
CENTROID Y	:	.027	.079	.160
POA TO CENTROID in.	:	.027	.180	.165
MIN RADIUS	:	.237	.225	.103
MEAN RADIUS	:	.840	.735	.676
MAX RADIUS	:	1.541	1.160	.895
HORIZONTAL SPREAD	:	2.595	1.974	1.502
VERTICAL SPREAD	:	1.519	1.519	1.519
EXTREME SPREAD	:	2.598	2.170	1.718
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.232	1.262	1.050
MINIMUM X	:	-1.725	-1.695	-1.486
MAXIMUM Y	:	1.450	1.080	.995
MINIMUM Y	:	-3.331	-.680	-.649
CENTROID X	:	-.099	-.129	.083
CENTROID Y	:	-.205	.165	.250
POA TO CENTROID in.	:	.228	.209	.263
MIN RADIUS	:	.552	.525	.479
MEAN RADIUS	:	1.342	1.065	.936
MAX RADIUS	:	3.341	1.826	1.494
HORIZONTAL SPREAD	:	2.957	2.957	2.536
VERTICAL SPREAD	:	4.781	1.760	1.644
EXTREME SPREAD	:	4.781	3.041	2.538
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

22 Feb 1991 FILE:/PATTERNING/CENTERFIRE_PATT/CSB11807

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

# IN CIR
1in = 1
2in = 5
3in = 8

HS= 2.935
VS= 2.455
GS= 3.247

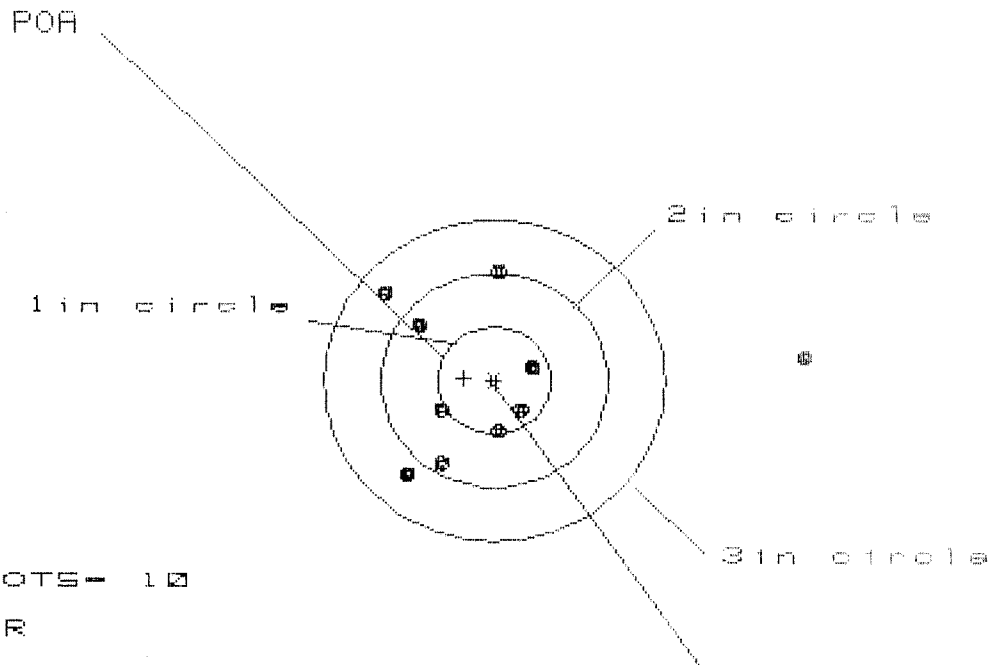
PATTERN # : 4

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.205	1.012	1.105
MINIMUM X :	-1.730	-1.422	-1.329
MAXIMUM Y :	1.214	1.143	.975
MINIMUM Y :	-1.241	-1.312	-1.170
CENTROID X :	-.103	.090	-.003
CENTROID Y :	.002	.073	-.070
POA TO CENTROID in.:	.103	.116	.070
MIN RADIUS :	.422	.273	.437
MEAN RADIUS :	1.081	.960	.920
MAX RADIUS :	1.845	1.445	1.334
HORIZONTAL SPREAD :	2.935	2.434	2.434
VERTICAL SPREAD :	2.455	2.455	2.144
EXTREME SPREAD :	3.247	2.579	2.535

NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 8

22 Feb 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6B11607

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 3
2in = 6
3in = 9

HS= 3.740
VS= 1.933
GS= 3.784

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.760	.649	.565
MINIMUM X	:	-.980	-.674	-.505
MAXIMUM Y	:	1.020	1.043	1.143
MINIMUM Y	:	-.913	-.890	-.790
CENTROID X	:	.265	-.041	.043
CENTROID Y	:	-.025	-.048	-.148
POA TO CENTROID in.	:	.267	.063	.154
MIN RADIUS	:	.380	.304	.302
MEAN RADIUS	:	.973	.740	.676
MAX RADIUS	:	2.767	1.084	1.162
HORIZONTAL SPREAD	:	3.740	1.323	1.070
VERTICAL SPREAD	:	1.933	1.933	1.933
EXTREME SPREAD	:	3.784	2.061	2.061
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		