C6498778

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: RE00149813
Verify Repair

Serial: C6498778 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 8/25/2008 9:52:11 AM

Address Information

Customer: (Received From)	Return To: (Received From)
Name: CAMP ROBERTS MATES	CAMP ROBERTS MATES
Address 1: EAST GARRISON BLDG 25021	EAST GARRISON BLDG 25021
Address 2: ATTN: CW4 KEISTER PO Box:	ATTN: CW4 KEISTER PO Box:
City: SAN MIGUEL	SAN MIGUEL
State: CA Zip Code: 93451 Country: US	State: CA Zip Code: 93451 Country: US

FFL:

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

Contact Information
Phone: NN
Fax:
Email:
Comments:

Received Condition
Fair
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	2
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search | Refresh | Close

nagletj | 8/25/2008 | 10:26 AM | CAPS | NUM | INS | SCRL

Start | 13 Micr... | Yanuk's E... | 5 Micros... | Part Sear... | Arms Ser... | 10:26 AM

Serial Number: C6498778
Model: M24 SWS
RE00149813

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498778.__1
FILE DATE AND TIME: 09/22/2008 06:12

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

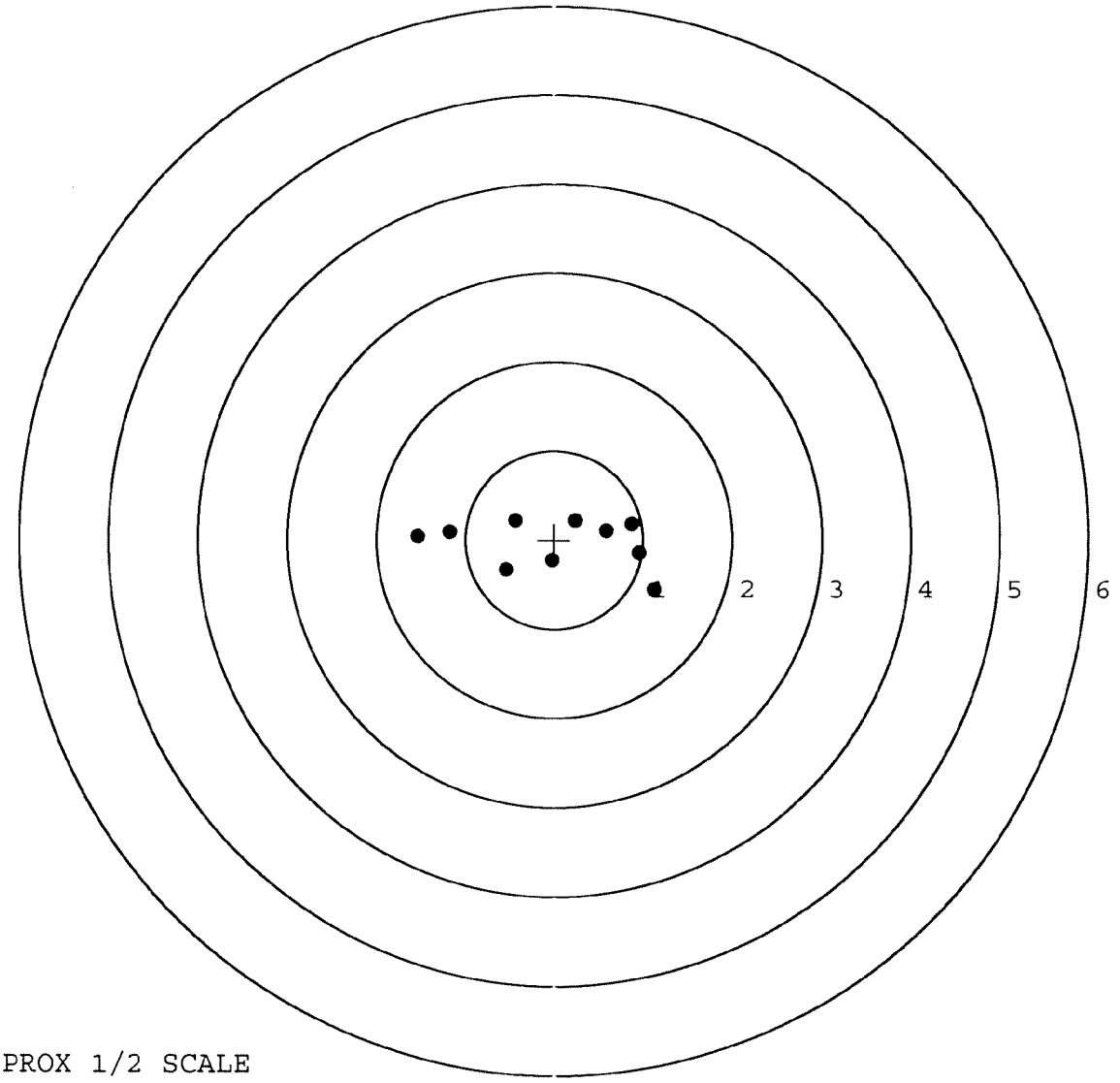
AVE. MEAN - .830

BARBER - M24 0007527

SERIAL NUMBER: C6498778.__1
TARGET NUMBER: 1
FILE DATE: 09/22/2008
FILE TIME: 06:12

X CENTROID:	0.008
Y CENTROID:	-0.045
POA TO CENTROID:	0.045
HORZ SPREAD:	2.655
VERT SPREAD:	0.781
GROUP SPREAD:	2.723
MIN RADIUS:	0.185
MAX RADIUS:	1.544
MEAN RADIUS:	0.809
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.121	-0.564
2:	0.954	-0.153
3:	0.880	0.176
4:	0.592	0.102
5:	0.241	0.217
6:	-0.020	-0.227
7:	-0.435	0.215
8:	-0.544	-0.339
9:	-1.176	0.089
10:	-1.534	0.039



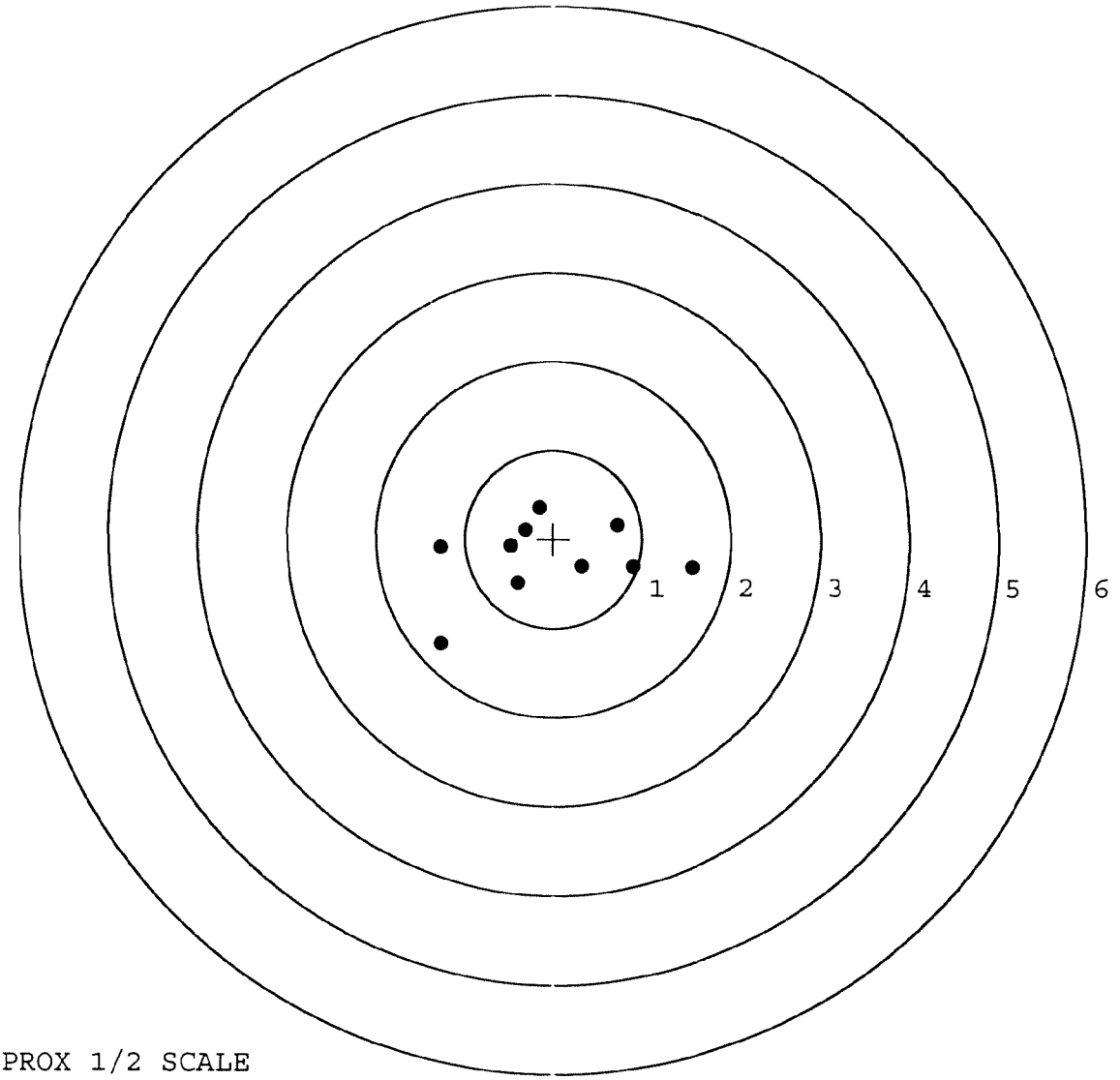
TARGET APPROX 1/2 SCALE

BARBER - M24 0007528

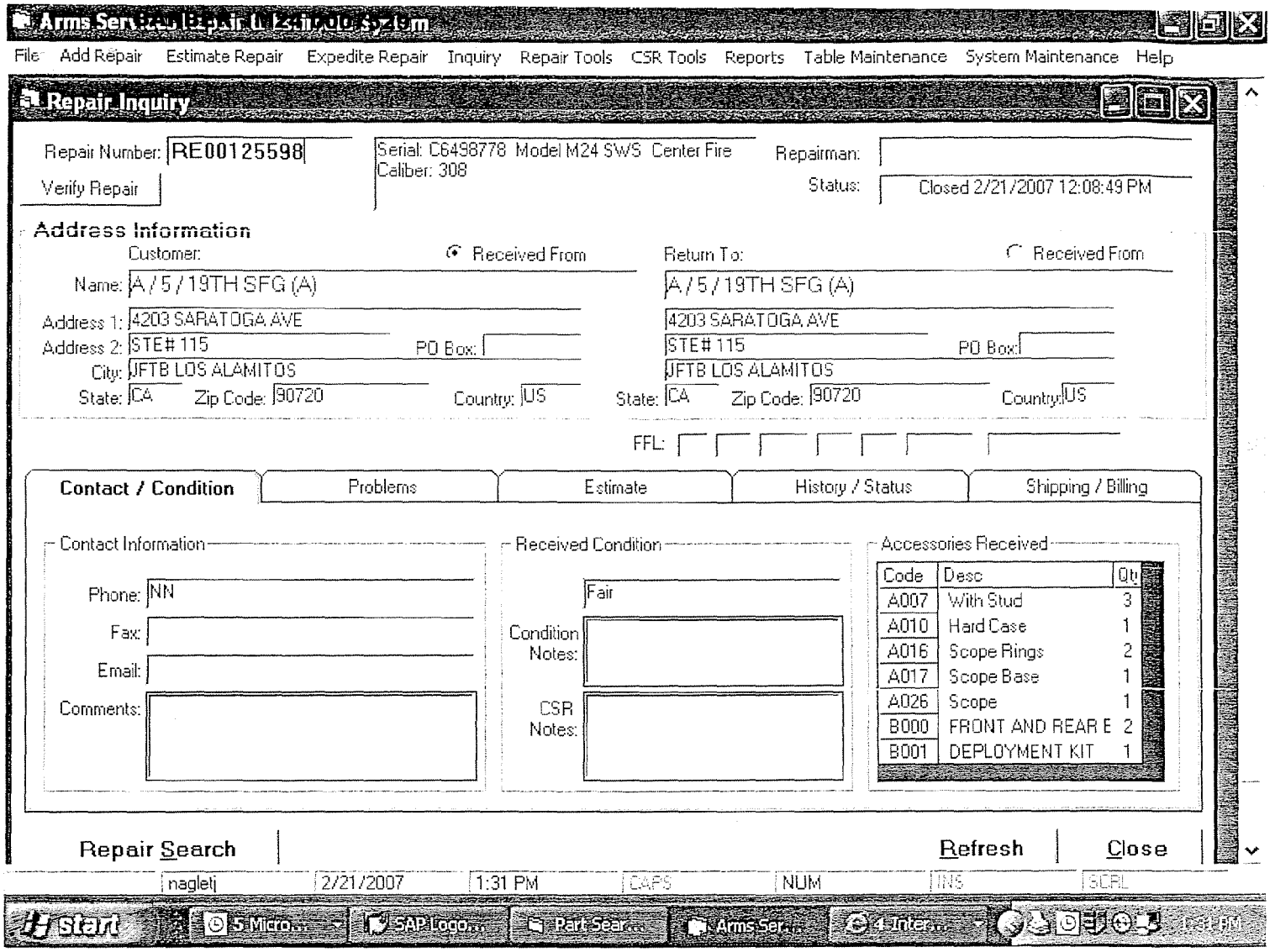
SERIAL NUMBER: C6498778.__1
TARGET NUMBER: 2
FILE DATE: 09/22/2008
FILE TIME: 06:12

X CENTROID:	-0.038
Y CENTROID:	-0.220
POA TO CENTROID:	0.223
HORZ SPREAD:	2.838
VERT SPREAD:	1.531
GROUP SPREAD:	2.961
MIN RADIUS:	0.369
MAX RADIUS:	1.603
MEAN RADIUS:	0.851
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.562	-0.320
2:	0.904	-0.315
3:	0.728	0.160
4:	0.321	-0.307
5:	-0.402	-0.497
6:	-0.484	-0.086
7:	-0.313	0.101
8:	-0.149	0.350
9:	-1.276	-0.106
10:	-1.271	-1.181



TARGET APPROX 1/2 SCALE



Serial Number: C6498778

Model: M24 SWS

RE00125598

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498778.__0
FILE DATE AND TIME: 03/12/2007 22:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

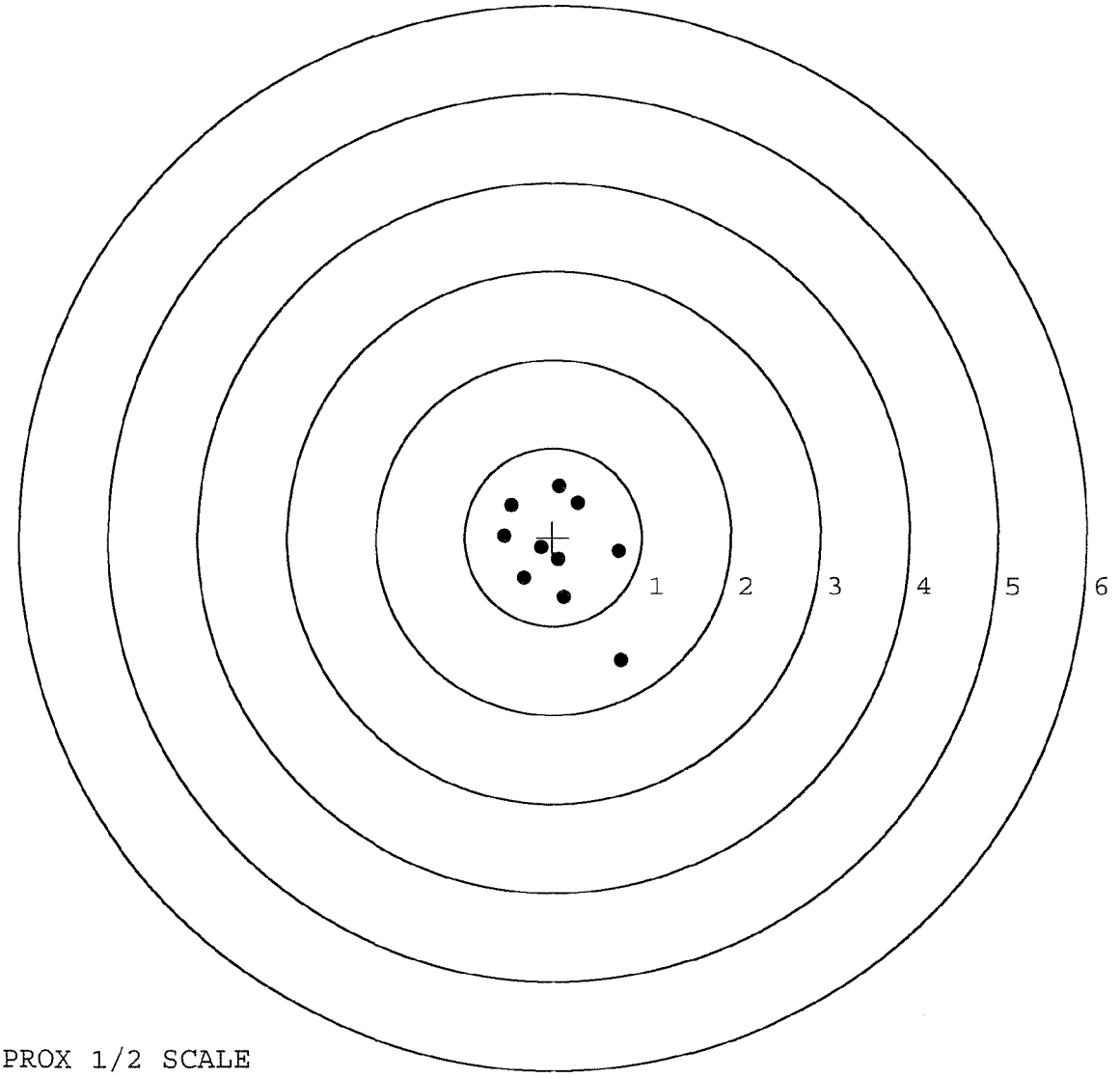
The Average X Centroid of the Five Target Set:	0.006
The Average Y Centroid of the Five Target Set:	-0.046
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	0.610
The Distance from POA to Centroid Target #1:	0.180
The Distance from Centroid Target #2 to Centroid Target #1:	0.108
The Distance from Centroid Target #3 to Centroid Target #1:	0.091
The Distance from Centroid Target #4 to Centroid Target #1:	0.303
The Distance from Centroid Target #5 to Centroid Target #1:	0.269

BARBER - M24 0007531

SERIAL NUMBER: C6498778.__0
TARGET NUMBER: 1
FILE DATE: 03/12/2007
FILE TIME: 22:26

X CENTROID:	0.055
Y CENTROID:	-0.171
POA TO CENTROID:	0.180
HORZ SPREAD:	1.316
VERT SPREAD:	1.972
GROUP SPREAD:	2.157
MIN RADIUS:	0.078
MAX RADIUS:	1.415
MEAN RADIUS:	0.612
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.480	0.366
2:	-0.550	0.016
3:	0.068	0.577
4:	0.275	0.393
5:	0.746	-0.165
6:	0.766	-1.395
7:	0.124	-0.676
8:	-0.329	-0.460
9:	0.066	-0.248
10:	-0.134	-0.118



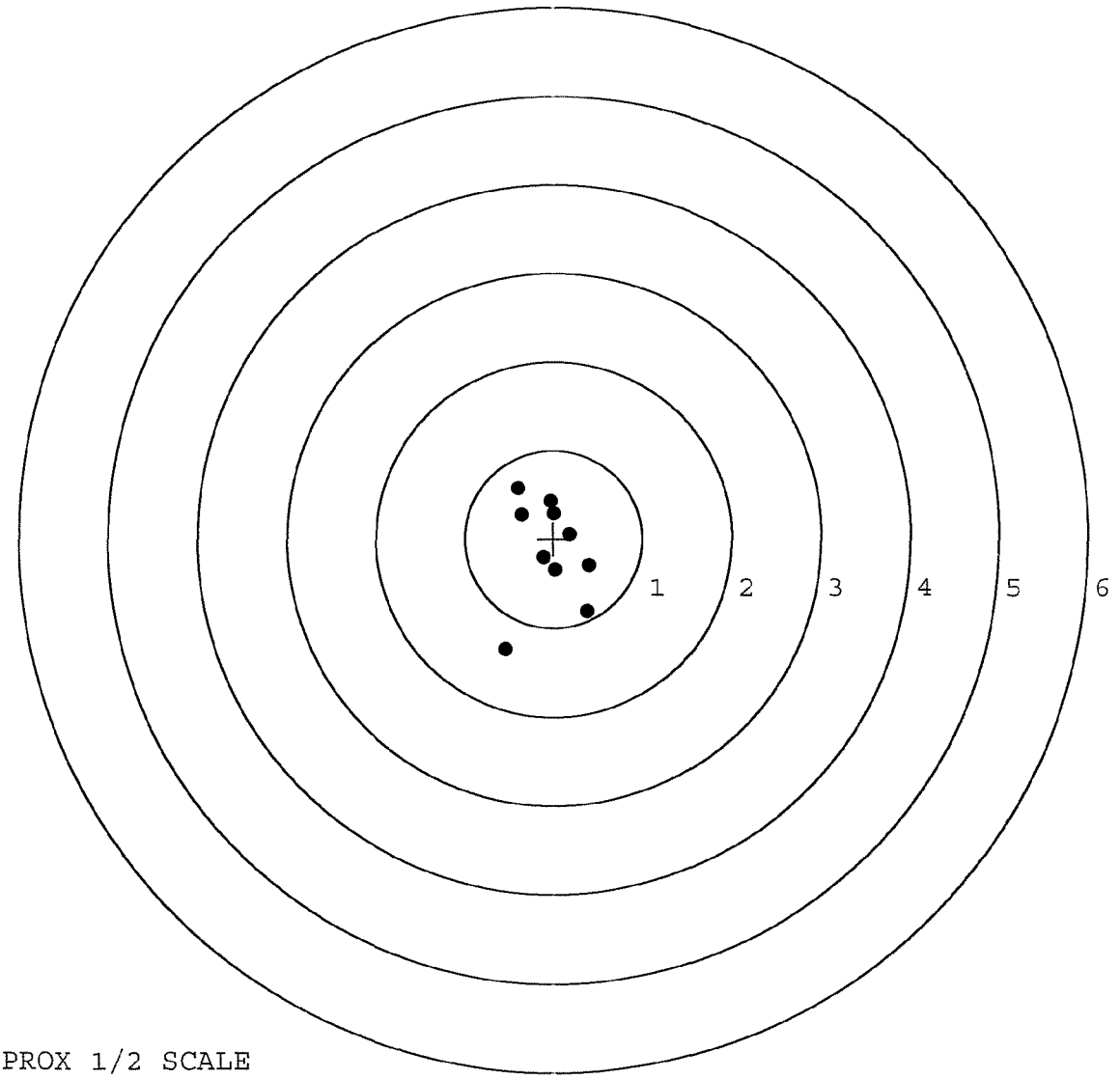
TARGET APPROX 1/2 SCALE

BARBER - M24 0007532

SERIAL NUMBER: C6498778.__0
TARGET NUMBER: 2
FILE DATE: 03/12/2007
FILE TIME: 22:26

X CENTROID:	-0.047
Y CENTROID:	-0.135
POA TO CENTROID:	0.142
HORZ SPREAD:	0.950
VERT SPREAD:	1.817
GROUP SPREAD:	1.822
MIN RADIUS:	0.106
MAX RADIUS:	1.218
MEAN RADIUS:	0.542
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.404	0.571
2:	-0.360	0.268
3:	-0.039	0.424
4:	-0.544	-1.246
5:	0.381	-0.820
6:	0.406	-0.306
7:	0.021	-0.354
8:	-0.113	-0.217
9:	0.180	0.053
10:	0.006	0.282



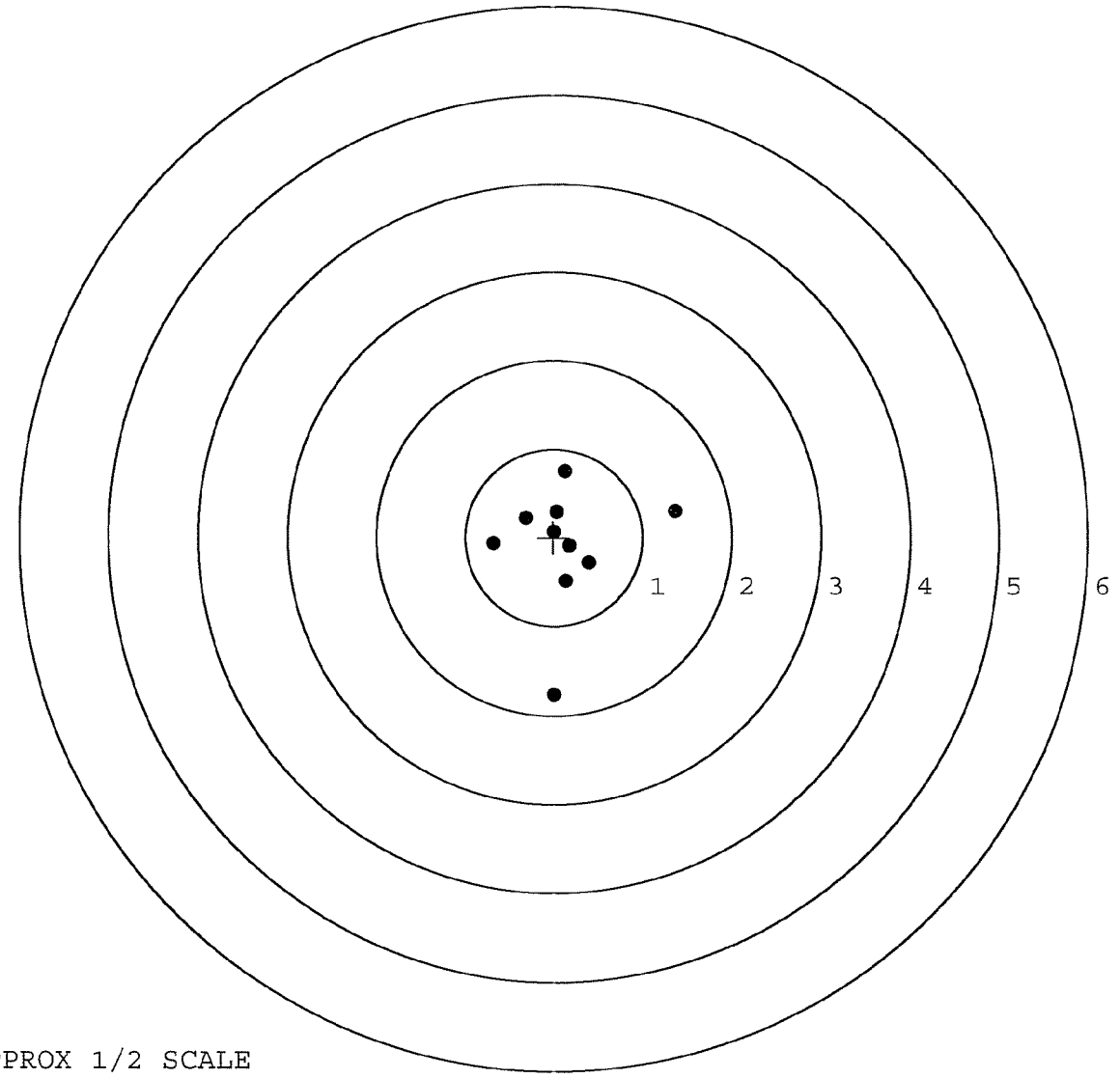
TARGET APPROX 1/2 SCALE

BARBER - M24 0007533

SERIAL NUMBER: C6498778.__0
TARGET NUMBER: 3
FILE DATE: 03/12/2007
FILE TIME: 22:26

X CENTROID:	0.123
Y CENTROID:	-0.111
POA TO CENTROID:	0.166
HORZ SPREAD:	2.047
VERT SPREAD:	2.526
GROUP SPREAD:	2.529
MIN RADIUS:	0.056
MAX RADIUS:	1.667
MEAN RADIUS:	0.658
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.127	0.753
2:	-0.686	-0.073
3:	1.361	0.295
4:	-0.002	-1.773
5:	0.136	-0.498
6:	0.395	-0.289
7:	0.178	-0.099
8:	0.003	0.066
9:	0.035	0.287
10:	-0.316	0.221



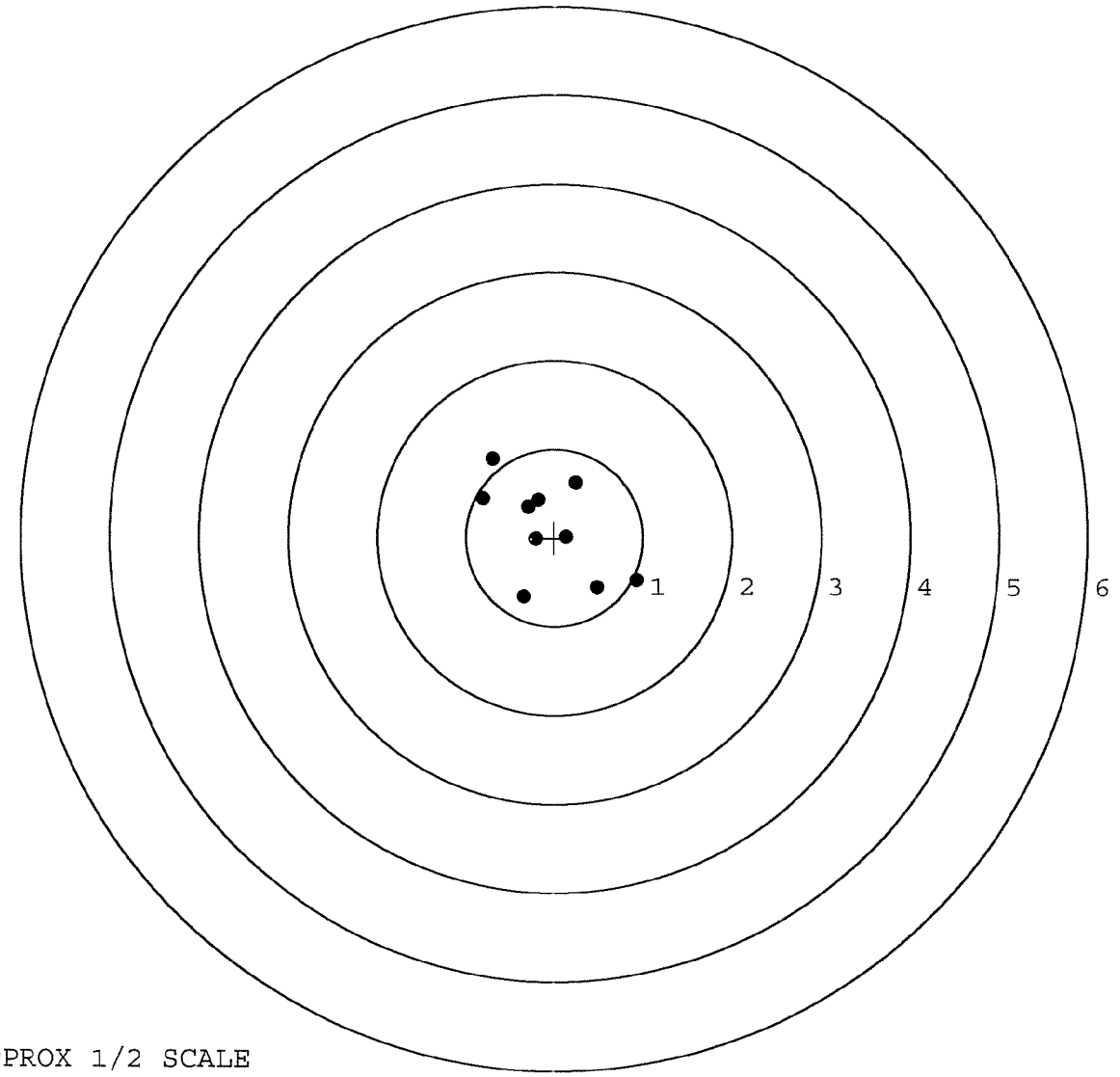
TARGET APPROX 1/2 SCALE

BARBER - M24 0007534

SERIAL NUMBER: C6498778.__0
TARGET NUMBER: 4
FILE DATE: 03/12/2007
FILE TIME: 22:26

X CENTROID:	-0.076
Y CENTROID:	0.102
POA TO CENTROID:	0.127
HORZ SPREAD:	1.738
VERT SPREAD:	1.560
GROUP SPREAD:	2.135
MIN RADIUS:	0.180
MAX RADIUS:	1.164
MEAN RADIUS:	0.636
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.807	0.445
2:	-0.705	0.890
3:	-0.297	0.350
4:	-0.186	0.429
5:	0.243	0.624
6:	-0.211	-0.017
7:	0.136	0.012
8:	0.481	-0.562
9:	0.931	-0.481
10:	-0.344	-0.670



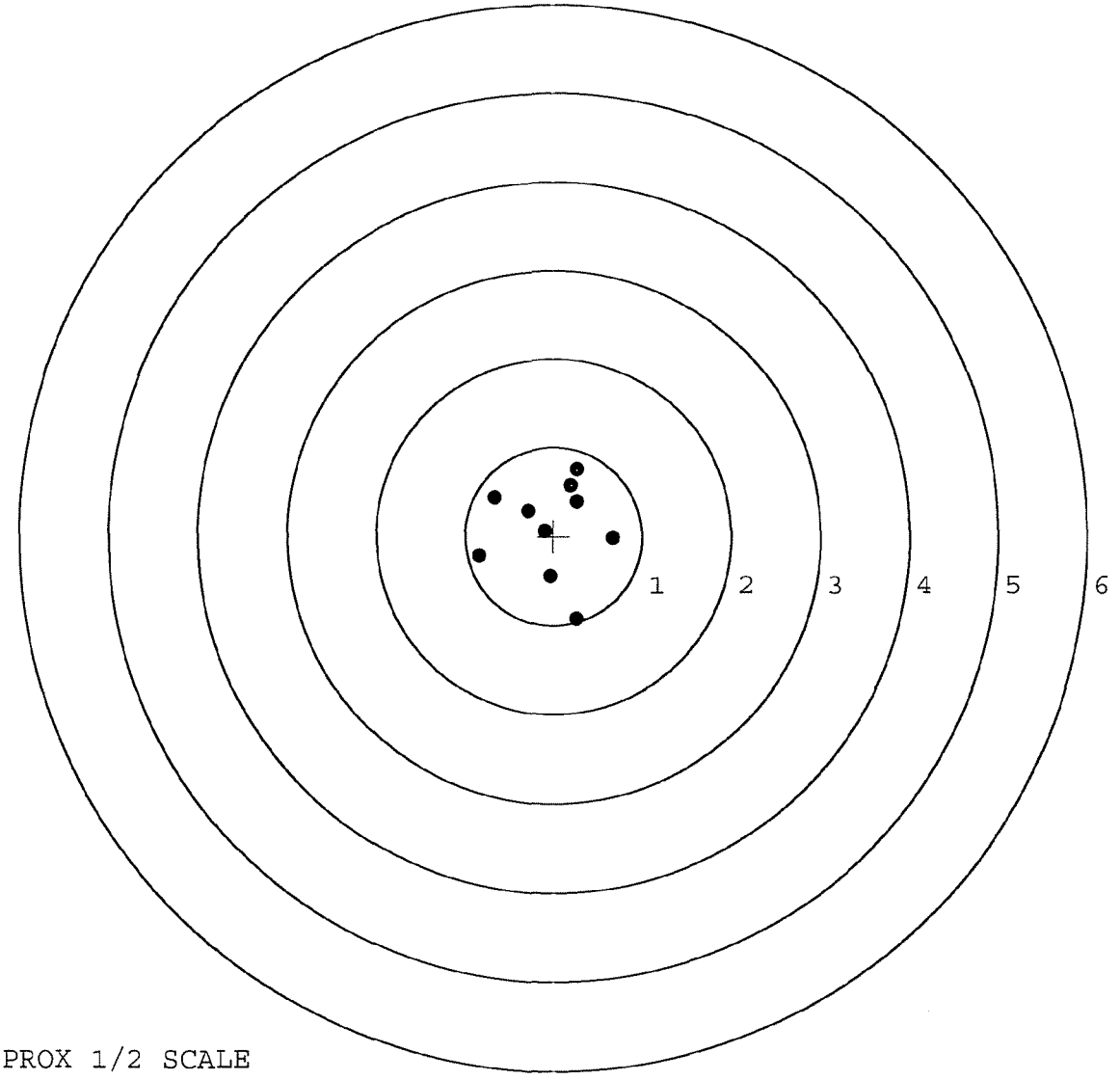
TARGET APPROX 1/2 SCALE

BARBER - M24 0007535

SERIAL NUMBER: C6498778.__0
TARGET NUMBER: 5
FILE DATE: 03/12/2007
FILE TIME: 22:26

X CENTROID:	-0.027
Y CENTROID:	0.086
POA TO CENTROID:	0.090
HORZ SPREAD:	1.513
VERT SPREAD:	1.692
GROUP SPREAD:	1.692
MIN RADIUS:	0.079
MAX RADIUS:	1.066
MEAN RADIUS:	0.601
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.664	0.439
2:	-0.845	-0.223
3:	-0.283	0.292
4:	-0.101	0.058
5:	-0.039	-0.456
6:	0.263	-0.940
7:	0.668	-0.026
8:	0.273	0.387
9:	0.194	0.572
10:	0.268	0.752



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	125598
SERIAL NUMBER	CC049878
LOG-IN DATE	2-21-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		2-22-07	RTC
505	RE-BARREL		2-23-07	RTC
560	ASSEMBLE		2-23-07	RTC
600	PROOF		2-27-07	TRW
605	CHECK HEADSPACE	INSPECTED	2-27-07	TRW
610	DIS-ASSEMBLE GUN	MAR 02 2007	2-28-07	RTC
612	MAGNAFLUX	OPERATOR	3-2-07	APD
510	DRILL AND TAP		3-1-07	TRW
615	ROLLMARK CALIBER		3-1-07	CW
618	ROTO-BLAST		3-5-07	LB
620	APPLY COATINGS		3-5-07	WJ
625	FINAL ASSEMBLY		3-12-07	RTC
640	FUNCTION TEST AND	(PASS) FAIL	3-12-07	MOM
650	TARGET	(PASS) FAIL	3-12-07	MOM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		3-13-07	MOM
	A) HEADSPACE	(PASS) FAIL	3-13-07	MOM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.54 2.54 2.55 2.53 2.53	3-13-07	DM
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.5 4.5 4.5	3-13-07	DM
	G) SAFETY OFF FORCE (2 LBS MIN)	3.0 2.5 3.0	3-13-07	DM
	I) FIRING PIN INDENT .020	.024 .024 .024	3-13-07	DM
690	PACK		3-16-07	DM

Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT:
Instruction Book
enclosed is a guide
to the safe use of this
firearm.
MODEL 700TM M24
SERIAL NO.
C649878
ORDER NO.
01
MADE IN ILION, N.Y., U.S.A. Reg. U.S. Pat & Tm. Off., Marca Registrada Marque Deposee.
5716 C649878
UPC
0 47700 25716 7

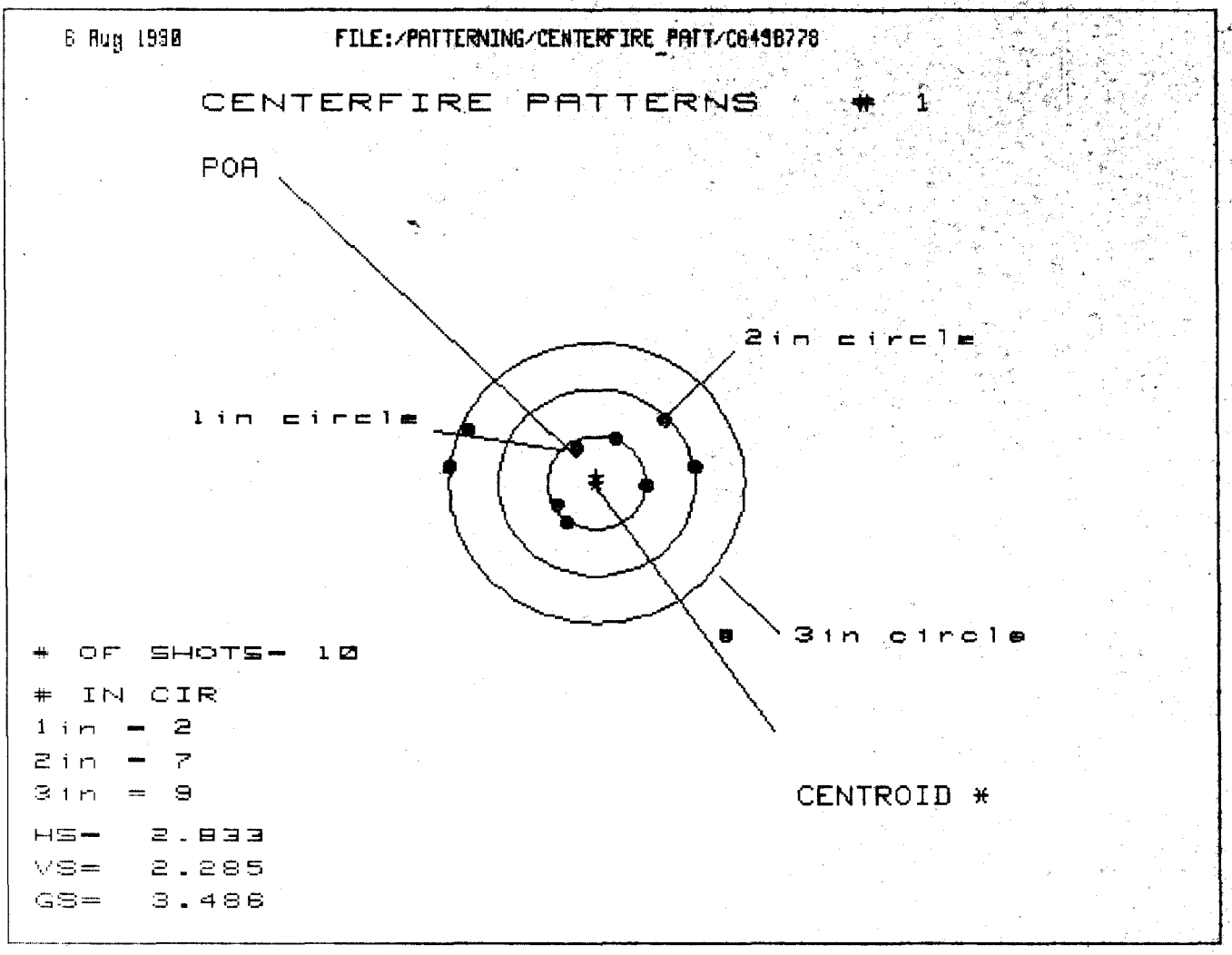
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498778
7 Aug 1990

CENTROIDAL DISTANCES

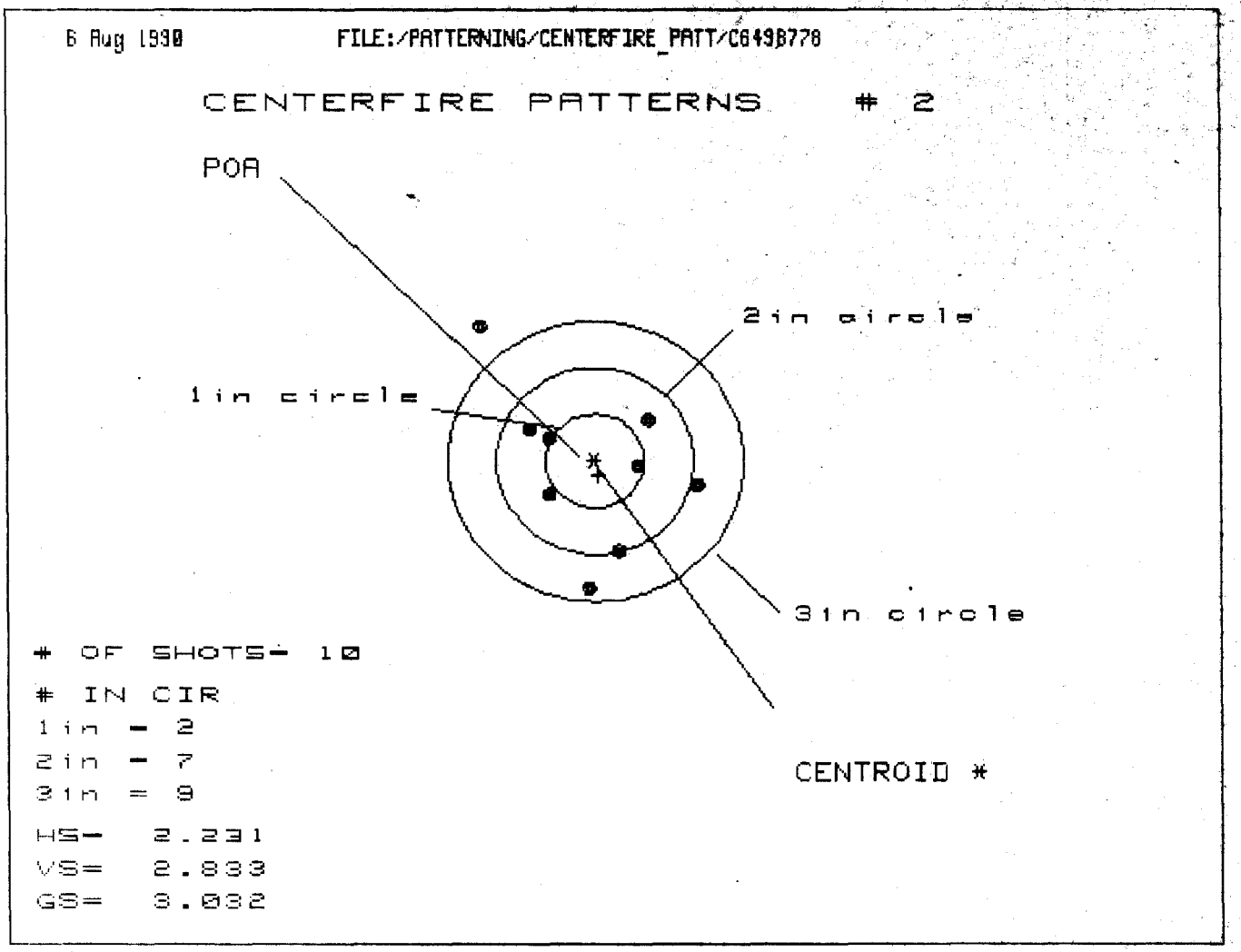
0	TO	1	.0740068
1	TO	2	.234105
1	TO	3	.171058
1	TO	4	.283211
1	TO	5	.668216

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1102
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1354
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .174577

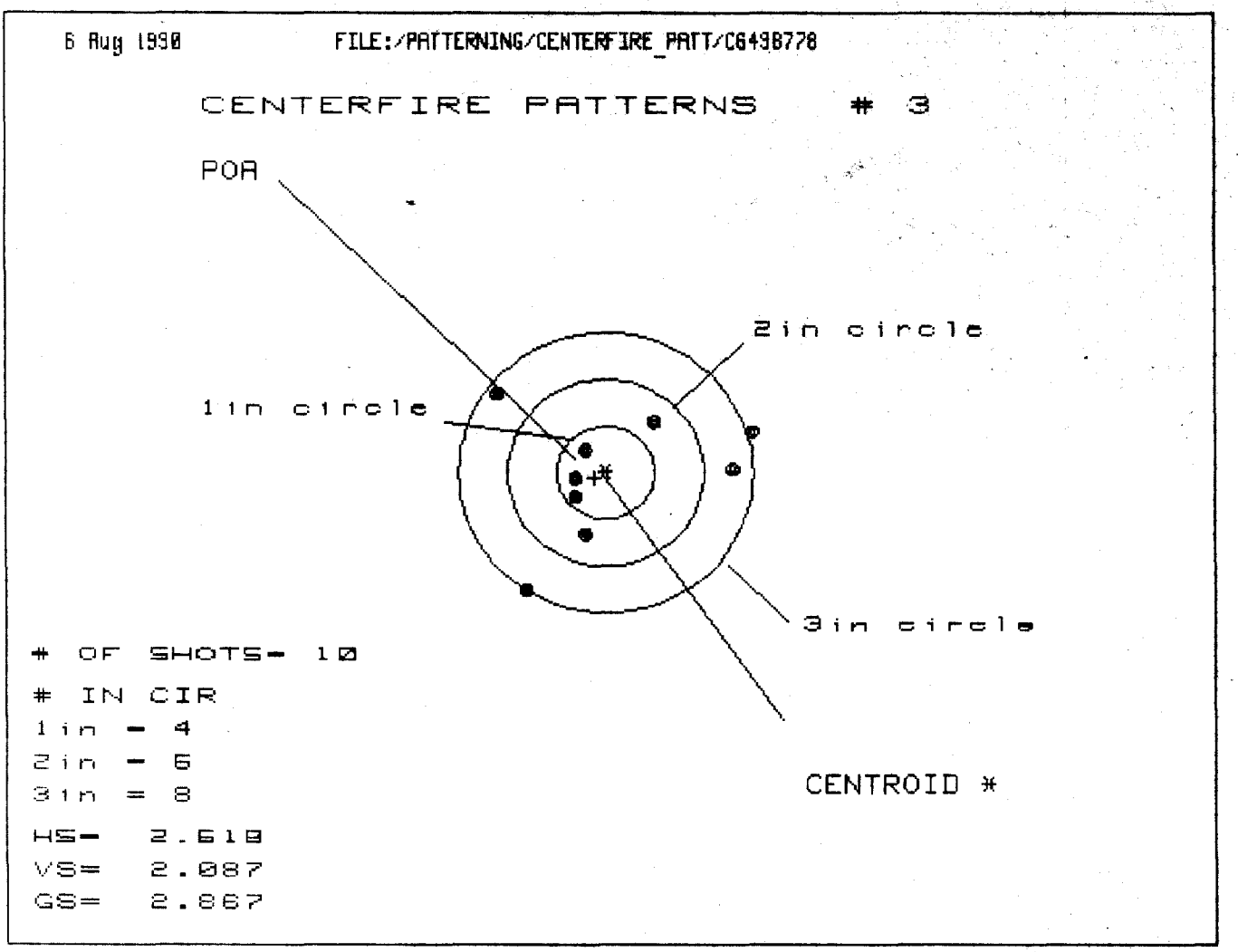
THE AMR FOR THIS RIFLE IS: .8474



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.345	1.100	.933
MINIMUM X	:	-1.488	-1.338	-1.358
MAXIMUM Y	:	.626	.442	.436
MINIMUM Y	:	-1.659	-.623	-.629
CENTROID X	:	.001	-.148	.019
CENTROID Y	:	-.074	.110	.116
POA TO CENTROID in.	:	.074	.185	.118
MIN RADIUS	:	.410	.191	.262
MEAN RADIUS	:	.952	.800	.709
MAX RADIUS	:	2.136	1.339	1.408
HORIZONTAL SPREAD	:	2.833	2.438	2.291
VERTICAL SPREAD	:	2.285	1.065	1.065
EXTREME SPREAD	:	3.486	2.438	2.326
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

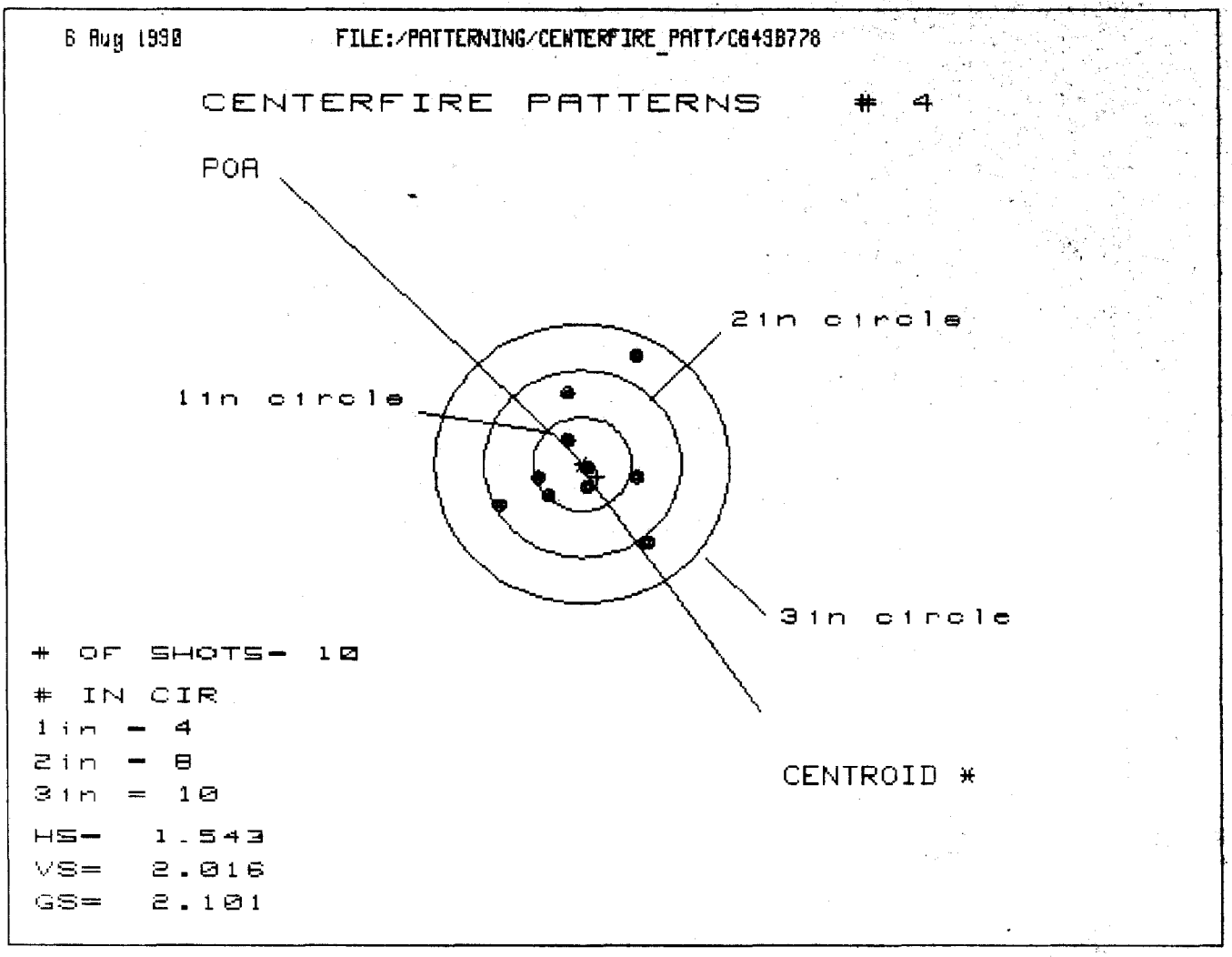


PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.086	.959	.934
MINIMUM X	:	-1.145	-.796	-.821
MAXIMUM Y	:	1.450	.641	.488
MINIMUM Y	:	-1.383	-1.222	-.922
CENTROID X	:	-.037	.090	.114
CENTROID Y	:	.157	-.004	.149
POA TO CENTROID in.	:	.162	.091	.188
MIN RADIUS	:	.458	.360	.307
MEAN RADIUS	:	.901	.786	.706
MAX RADIUS	:	1.847	1.237	.958
HORIZONTAL SPREAD	:	2.231	1.755	1.755
VERTICAL SPREAD	:	2.833	1.863	1.410
EXTREME SPREAD	:	3.032	1.965	1.844
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

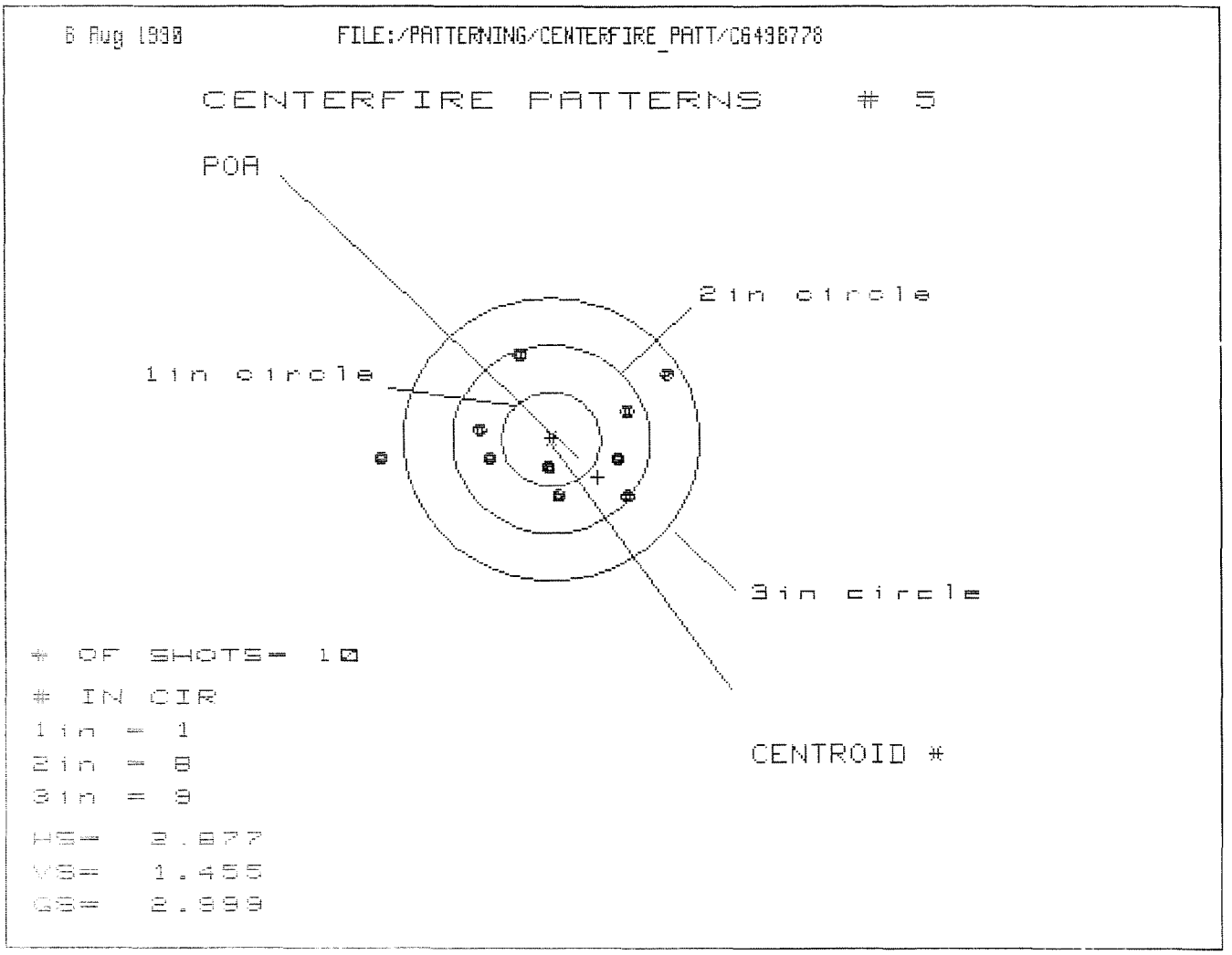


PATTERN # : [redacted]

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.463	1.442	1.362
MINIMUM X	:	-1.155	-.993	-1.073
MAXIMUM Y	:	.802	.854	.700
MINIMUM Y	:	-1.285	-1.233	-.714
CENTROID X	:	.111	-.051	.029
CENTROID Y	:	.057	.005	.160
POA TO CENTROID in.	:	.125	.052	.162
MIN RADIUS	:	.310	.181	.181
MEAN RADIUS	:	.852	.736	.657
MAX RADIUS	:	1.535	1.446	1.363
HORIZONTAL SPREAD	:	2.618	2.435	2.435
VERTICAL SPREAD	:	2.087	2.087	1.413
EXTREME SPREAD	:	2.867	2.550	2.550
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.690	.753	.744
MINIMUM X	:	-.853	-.790	-.696
MAXIMUM Y	:	1.140	.908	.815
MINIMUM Y	:	-.876	-.750	-.380.
CENTROID X	:	-.155	-.218	-.312
CENTROID Y	:	.138	.012	.105
POA TO CENTROID in.	:	.208	.218	.329
MIN RADIUS	:	.085	.154	.227
MEAN RADIUS	:	.644	.562	.497
MAX RADIUS	:	1.271	1.062	.815
HORIZONTAL SPREAD	:	1.543	1.543	1.440
VERTICAL SPREAD	:	2.016	1.658	1.194
EXTREME SPREAD	:	2.101	1.847	1.459
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.182	.994	.740
MINIMUM X	:	-1.695	-.959	-.835
MAXIMUM Y	:	.864	.843	.923
MINIMUM Y	:	-.591	-.612	-.532
CENTROID X	:	-.471	-.283	-.407
CENTROID Y	:	.399	.420	.340
POA TO CENTROID in.	:	.617	.506	.530
MIN RADIUS	:	.287	.395	.257
MEAN RADIUS	:	.888	.788	.717
MAX RADIUS	:	1.705	1.181	1.018
HORIZONTAL SPREAD	:	2.877	1.953	1.575
VERTICAL SPREAD	:	1.455	1.455	1.455
EXTREME SPREAD	:	2.999	2.033	1.832
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

SWS TRIGGER PULL TEST

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

SERIAL NO C6498778

DATE 8/20/90

TESTER JRL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.26	2.32	2.28	MIN. SETTING,
PULL #2	2.27	2.23	2.37	2.31	NO AVG. OF 5
PULL #3	2.29	2.19	2.28	2.18	READINGS ACCEPT-
PULL #4	2.25	2.22	2.32	2.23	ABLE LESS THAN 2#
PULL #5	2.25	2.21	2.21	2.23	
TOTAL	11.49	11.11	11.50	11.12	
AVG.	2.298	2.222	2.3	2.224	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.27		
PULL #2	3.19	3.25		
PULL #3	3.26	3.36		
PULL #4	3.26	3.33		
PULL #5	3.20	3.26		
TOTAL	16.30	16.47		
AVG.	3.26	3.294		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.42		4.40
PULL #2	4.35	4.40		4.38
PULL #3	4.35	4.41		4.39
PULL #4	4.41	4.35		4.41
PULL #5	4.44	4.45		4.39
TOTAL	21.93	22.03		21.97
AVG.	4.386	4.406		4.394

M-24 C-649778

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

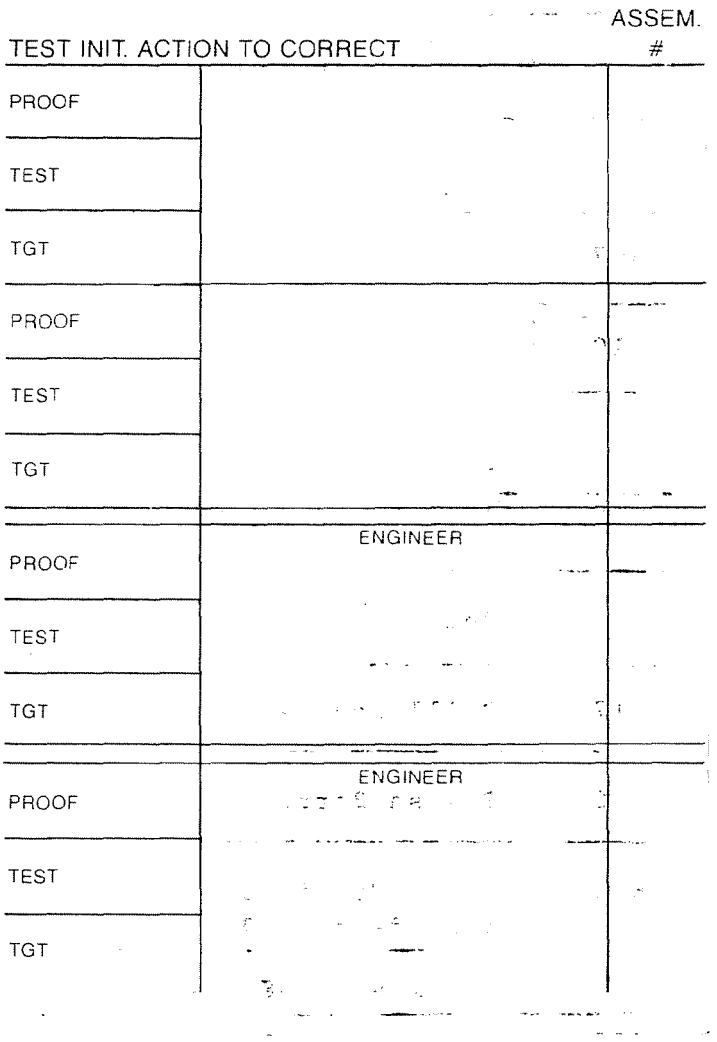
OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/26/90	KA
600	Proof		6/26/90	KA
607	Check Headspace		6/26/90	KA
610	Dis-assemble Gun		6/26/90	KA
612	Magnaflux Barrel Action		7/10/90	K.R
	Magnaflux Bolt		7/10/90	K.R.
615	Rollmark Caliber		7/10/90	K.R.
617	Drill and Tap Sight Holes		7/11/90	KB
618	Polish Barrel RB		7/13/90	RB
620	Apply Coatings (Barrel Action)		7/23/90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/1/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/1/90	KS
	C) Inspect Ejector Hole for Chamfer		8/1/90	KS
	D) Oil Firing Pin Ass'y		8/1/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		8/14/90	KA

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4	4	4	8/1/90	[illegible]
	G) Safety Off Force	2	2	2	8/1/90	[illegible]
	H) Trigger Pull Test & Retainability				8/20/90	[illegible]
	I) Firing Pin Indent	.022	.0225	.0225	8/1/90	[illegible]
	J) Assemble Stock				8/2/90	KS
	K) Assemble Swivel Studs				8/29/90	[illegible]
	L) Attach Front and Rear Sight Assemblies				8/2/90	KS
	M) Iron Sight Alignment				8/2/90	KS
	N) Detach Front & Rear Sights & place in numbered container				8/2/90	KS
	O) Attach Scope to Rifle				8/2/90	KS
	P) Detach & Attach Scope 20 Times				8/2/90	KS
640	Gallery Target & Test				8-3-90	[illegible]
	A) Time				"	[illegible]
	B) Malfunctions				"	[illegible]
	C) Pierced Primers				"	[illegible]
	D) Optical Clearity of Scope				"	[illegible]
645	Inspect for Live Ammo				8-3-90	[illegible]
655	Final Inspection A) Headspace				8/29/90	[illegible]
	B) Trigger Pull	2.18	2.31	2.18	2.23 2.22	8/20/90 [illegible]
	C) Function				8/29/90	[illegible]
660	Pack				9/19/90	[illegible]

MOD. _____ GA. CAL. _____ GUN # C6498778

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Bolt hits shell and Scope tilts	SK
	2nd	Relief Bolt HDL SLOT AD Justed Scope	8/7/90 IKS
	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