C6349059

MODEL 700™ M24

Model SMS™

Action

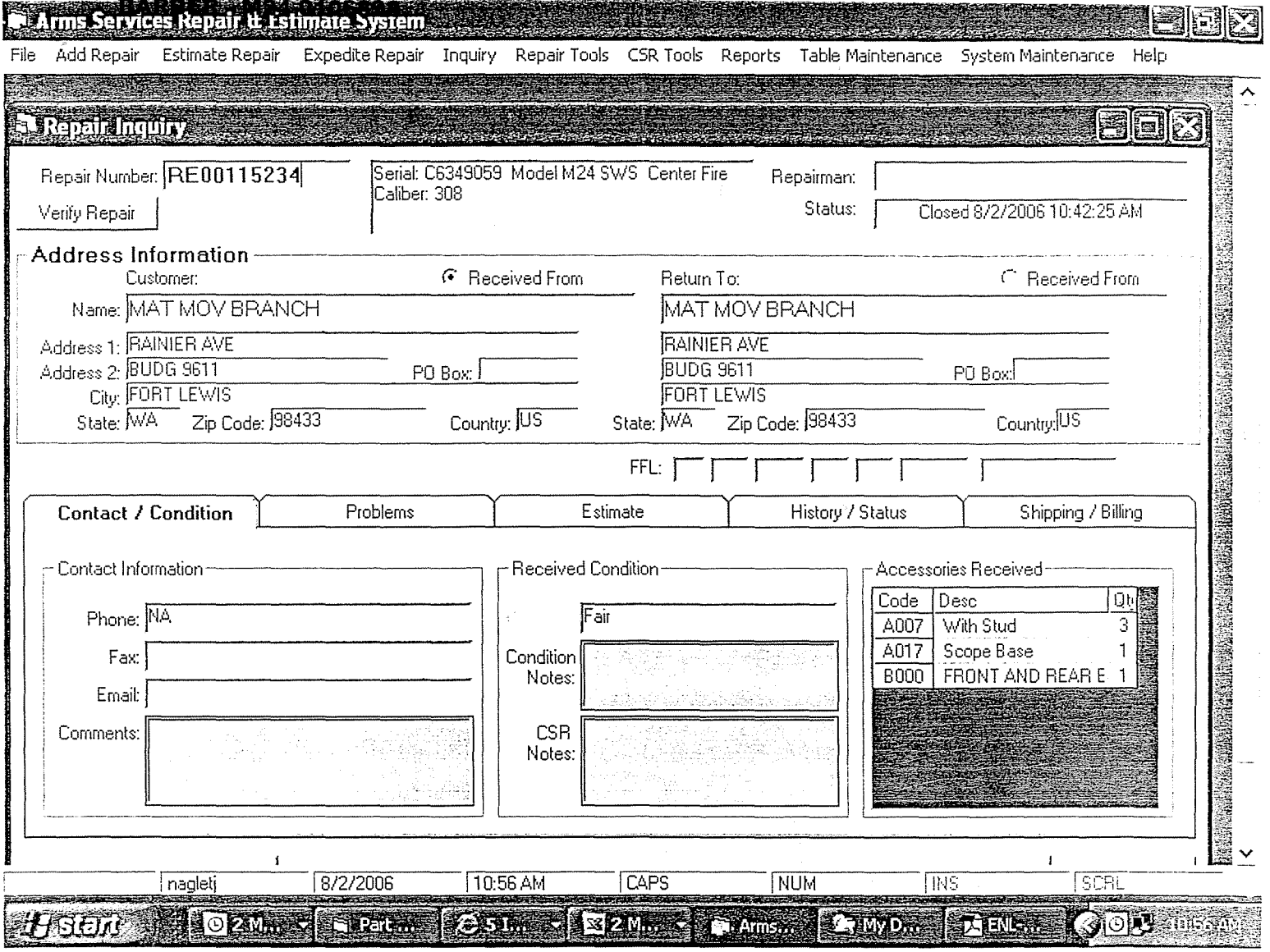
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®



Serial Number: C6349059

Model: M24 SWS

RE00115234

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349059.__0
FILE DATE AND TIME: 08/16/2006 05:32

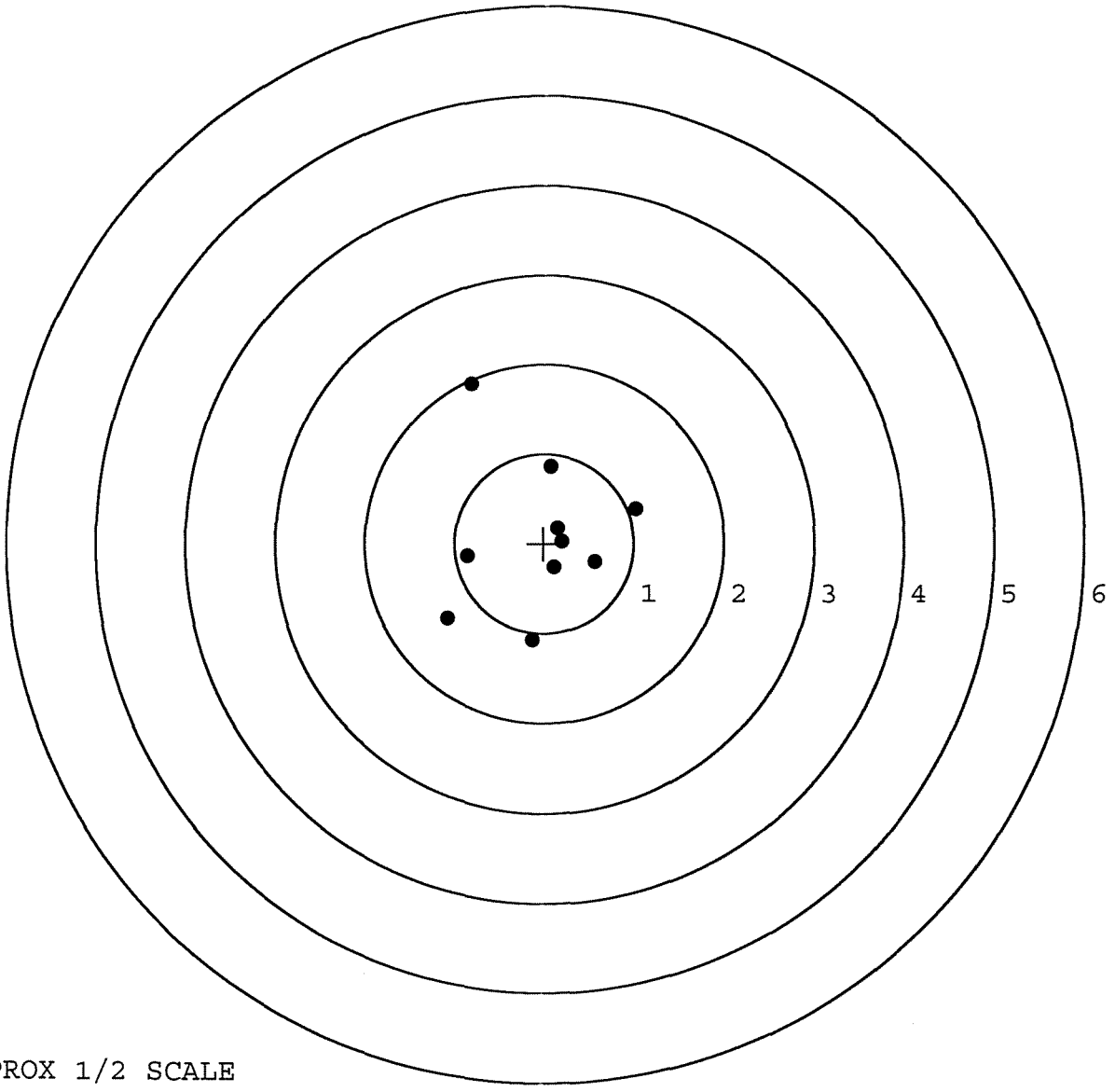
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.061
The Average Y Centroid of the Five Target Set:	-0.131
The Average Point of Impact of the Five Target Set:	0.145
The Average Mean Radius of the Five Target Set:	0.887
The Distance from POA to Centroid Target #1:	0.100
The Distance from Centroid Target #2 to Centroid Target #1:	0.179
The Distance from Centroid Target #3 to Centroid Target #1:	0.178
The Distance from Centroid Target #4 to Centroid Target #1:	0.266
The Distance from Centroid Target #5 to Centroid Target #1:	0.678

SERIAL NUMBER: C6349059.__0
TARGET NUMBER: 1
FILE DATE: 08/16/2006
FILE TIME: 05:32

X CENTROID:	-0.073
Y CENTROID:	0.068
POA TO CENTROID:	0.100
HORZ SPREAD:	2.093
VERT SPREAD:	2.861
GROUP SPREAD:	2.946
MIN RADIUS:	0.251
MAX RADIUS:	1.868
MEAN RADIUS:	0.874
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.018	0.391
2:	0.077	0.855
3:	-0.823	1.779
4:	-0.855	-0.141
5:	-1.075	-0.841
6:	-0.122	-1.082
7:	0.569	-0.203
8:	0.117	-0.271
9:	0.157	0.168
10:	0.205	0.022

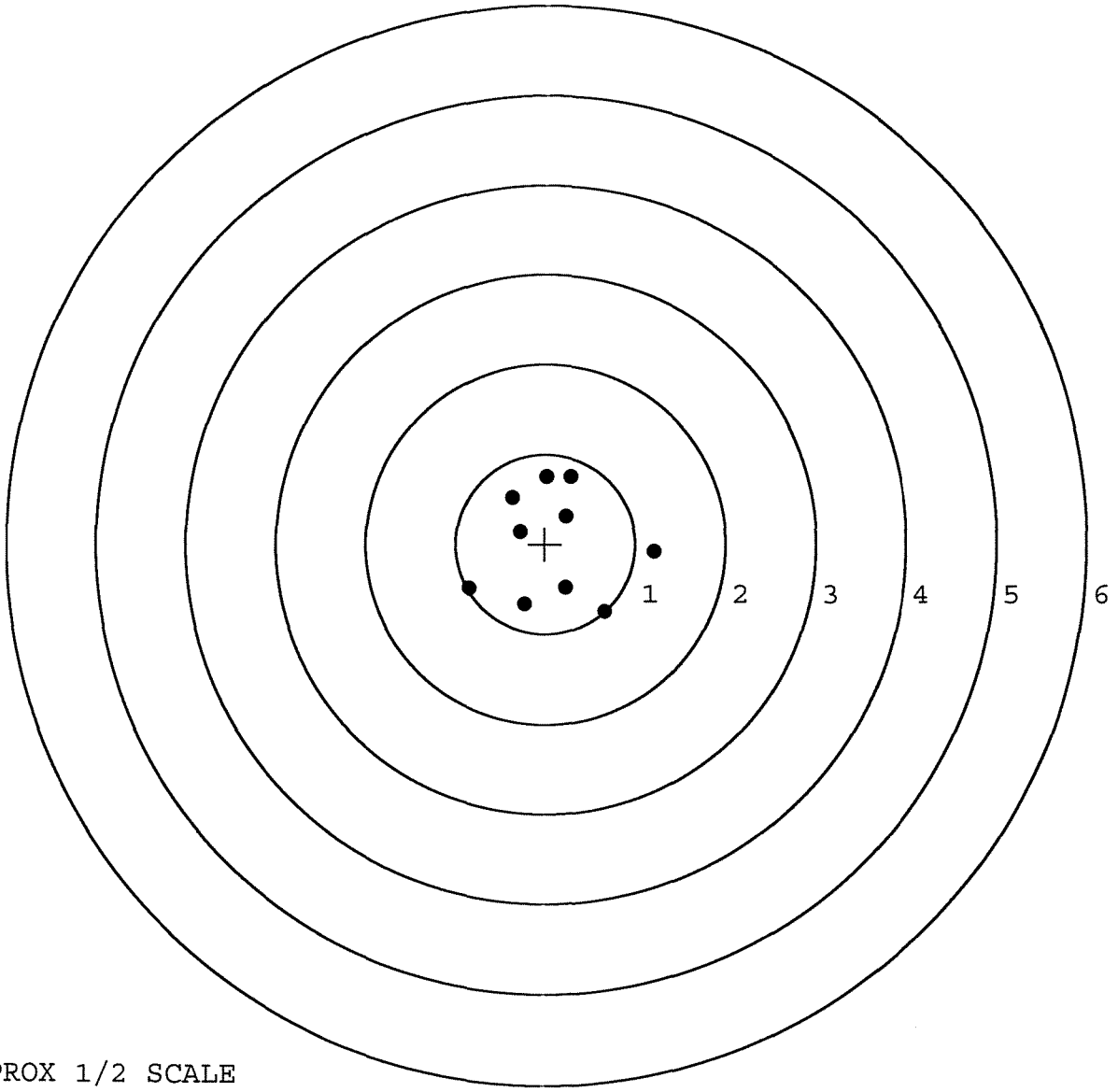


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349059.__0
TARGET NUMBER: 2
FILE DATE: 08/16/2006
FILE TIME: 05:32

X CENTROID:	0.091
Y CENTROID:	-0.004
POA TO CENTROID:	0.091
HORZ SPREAD:	2.056
VERT SPREAD:	1.514
GROUP SPREAD:	2.098
MIN RADIUS:	0.343
MAX RADIUS:	1.121
MEAN RADIUS:	0.735
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.209	-0.082
2:	0.665	-0.759
3:	0.233	-0.491
4:	-0.233	-0.675
5:	-0.847	-0.498
6:	0.227	0.311
7:	-0.274	0.136
8:	-0.373	0.514
9:	0.019	0.752
10:	0.283	0.755

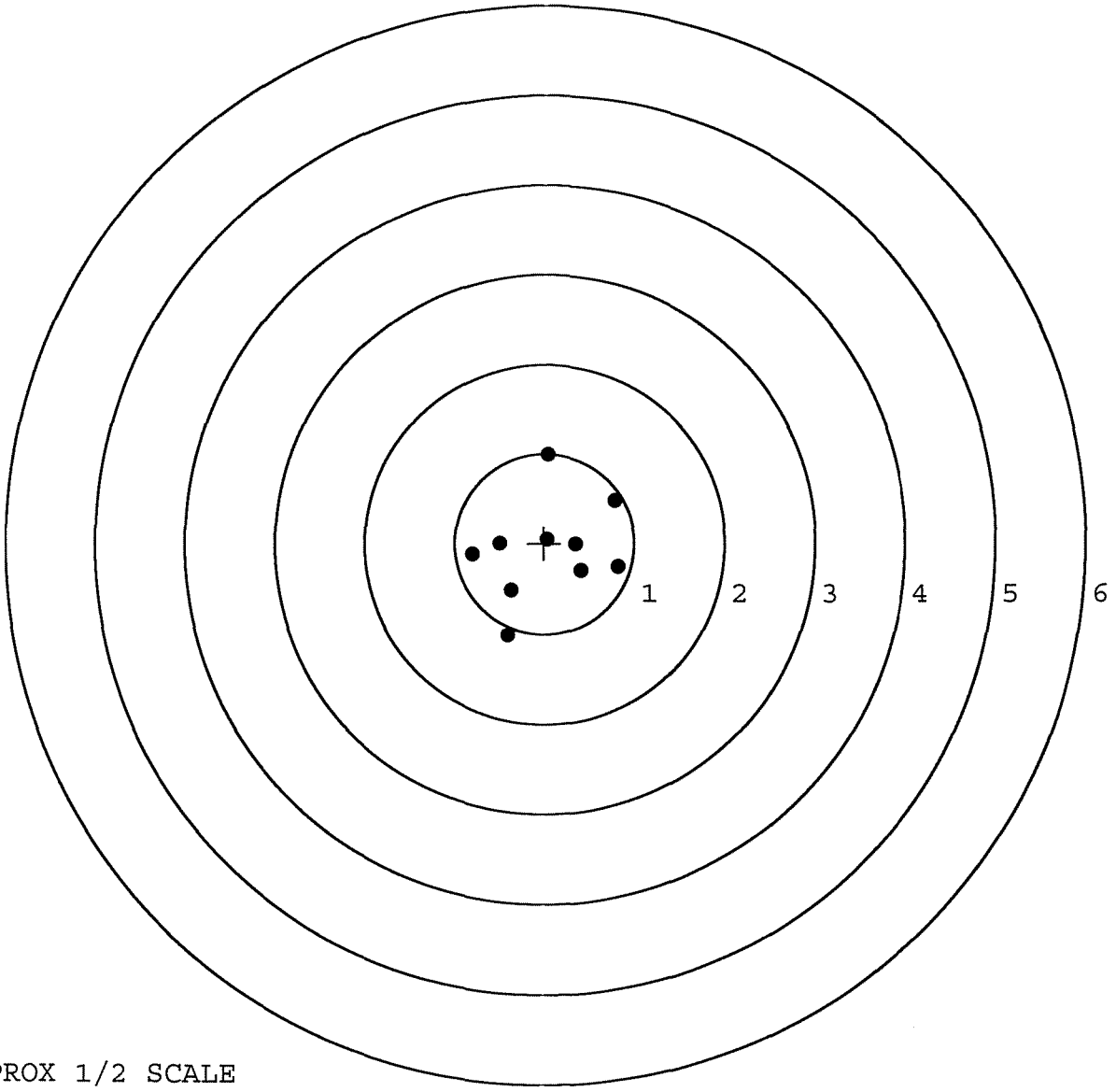


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349059.__0
TARGET NUMBER: 3
FILE DATE: 08/16/2006
FILE TIME: 05:32

X CENTROID:	0.036
Y CENTROID:	-0.073
POA TO CENTROID:	0.082
HORZ SPREAD:	1.628
VERT SPREAD:	2.012
GROUP SPREAD:	2.061
MIN RADIUS:	0.118
MAX RADIUS:	1.066
MEAN RADIUS:	0.671
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.040	0.993
2:	0.780	0.476
3:	0.825	-0.261
4:	0.407	-0.305
5:	0.349	-0.012
6:	0.037	0.045
7:	-0.498	0.003
8:	-0.803	-0.125
9:	-0.367	-0.526
10:	-0.406	-1.019

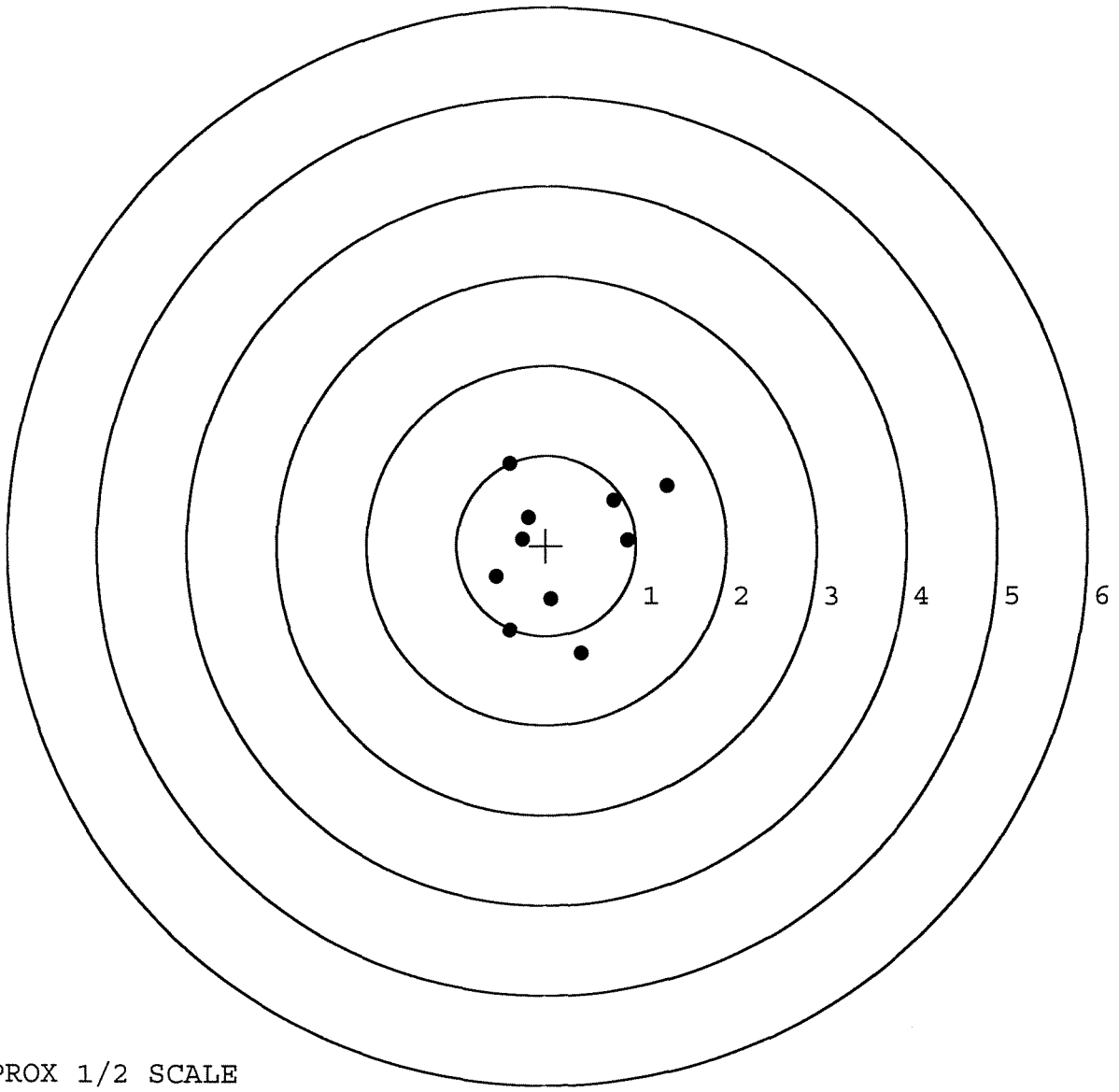


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349059.__0
TARGET NUMBER: 4
FILE DATE: 08/16/2006
FILE TIME: 05:32

X CENTROID:	0.162
Y CENTROID:	-0.056
POA TO CENTROID:	0.171
HORZ SPREAD:	1.893
VERT SPREAD:	2.104
GROUP SPREAD:	2.366
MIN RADIUS:	0.441
MAX RADIUS:	1.378
MEAN RADIUS:	0.857
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.912	0.063
2:	0.748	0.500
3:	-0.411	0.907
4:	-0.204	0.312
5:	-0.261	0.068
6:	-0.557	-0.342
7:	-0.402	-0.941
8:	0.060	-0.600
9:	0.398	-1.197
10:	1.336	0.665

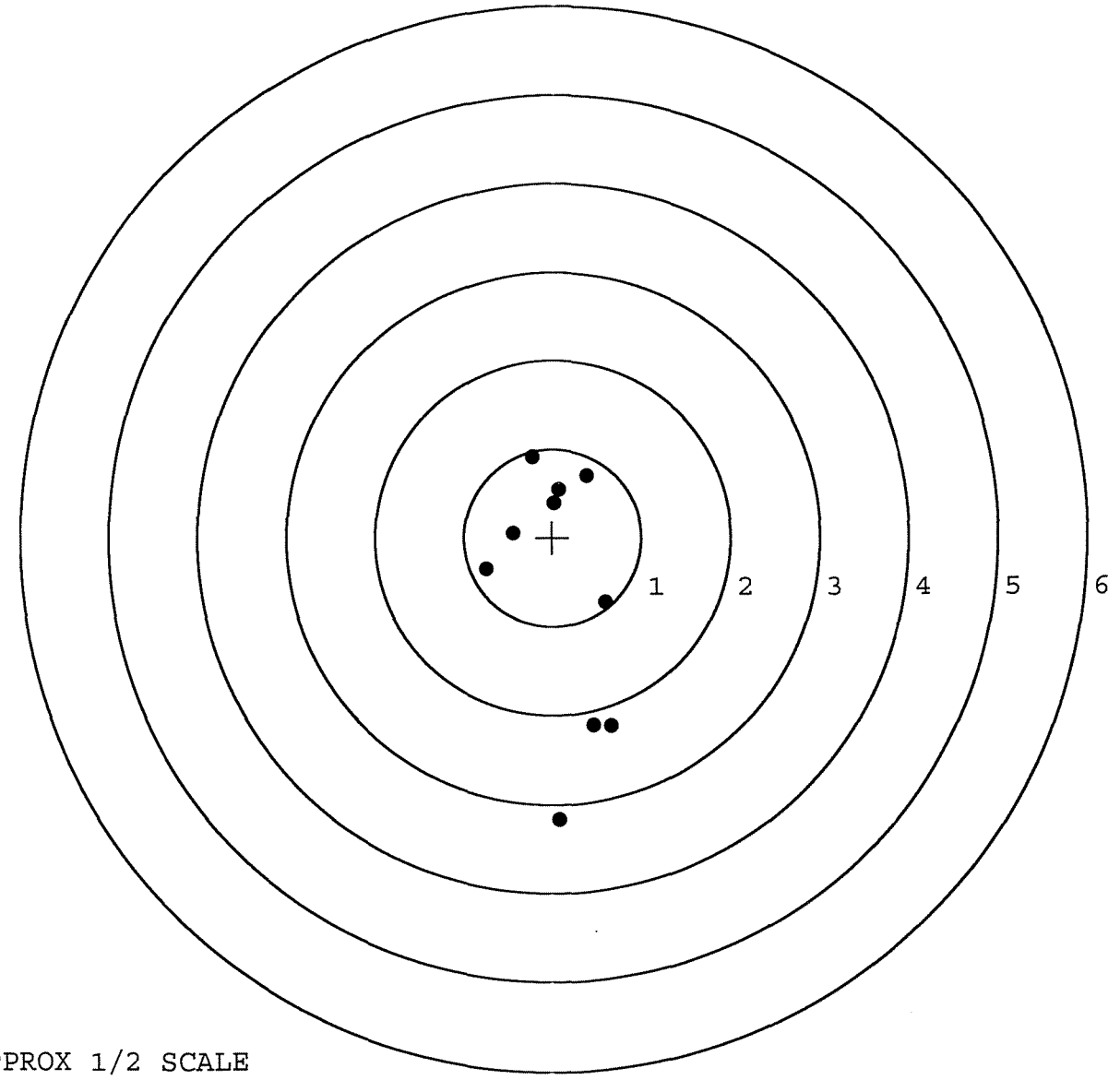


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349059.__0
TARGET NUMBER: 5
FILE DATE: 08/16/2006
FILE TIME: 05:32

X CENTROID:	0.087
Y CENTROID:	-0.591
POA TO CENTROID:	0.598
HORZ SPREAD:	1.415
VERT SPREAD:	4.091
GROUP SPREAD:	4.103
MIN RADIUS:	0.529
MAX RADIUS:	2.587
MEAN RADIUS:	1.301
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	6

POINT#	X	Y
1:	0.383	0.702
2:	-0.230	0.913
3:	0.018	0.390
4:	0.070	0.541
5:	-0.440	0.048
6:	-0.748	-0.354
7:	0.598	-0.729
8:	0.667	-2.125
9:	0.470	-2.120
10:	0.085	-3.178



TARGET APPROX 1/2 SCALE

M-24

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	115234
SERIAL NUMBER	C6349059
LOG-IN DATE	8-2-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		8-8-06	RTC
505	RE-BARREL			
420	ASSEMBLE	MAGNA-FLUX INSPECTED AUG 11 2006		
440	PROOF		8-9-06	BLG
460	CHECK HEADSPACE		8-9-06	BLG
470	DIS-ASSEMBLE GUN		8-9-06	BLG
480	MAGNAFLUX	OPERATOR	8-11-06	APD
510	DRILL AND TAP		8-10-06	TRW
500	ROLLMARK CALIBER		8-11-06	CW
520	GOFF BLAST BBL / REC		8-11-06	LB
530 & 540	APPLY COATINGS		8/13/06	BB
560	FINAL ASSEMBLY		8-15-06	RTC
640	FUNCTION TEST AND	PASS FAIL	8-16-06	TRW
650	TARGET	PASS FAIL	8-16-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	8/16	BD
670	FINAL INSPECTION		8-17-06	MJM
	A) HEADSPACE	PASS FAIL	8-17-06	MJM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	281 288 281 285 278		R.P.
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.5 4.5 5.0	8-17-06	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	2.5 2.5 2.5	8-17-06	DA
	I) FIRING PIN INDENT (.020)	.023 .024 .024	8-17-06	DA
690	PACK		8-24-06	DA

8

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

_____ BARREL

_____ RECEIVER

_____ FRONT SIGHT BASE

_____ REAR SIGHT BASE

_____ SCREWS

_____ FINISH

SCOPE ASSEMBLY

_____ SCOPE

_____ SCOPE RINGS

_____ MOUNTING SCREWS

_____ MOUNTING BASE

_____ SCREWS

_____ FINISH

_____ CLARITY

STOCK ASSEMBLY

_____ STOCK

_____ SLING SWIVEL STUDS

_____

_____ BUTT PATE

_____ LOCK NUTS

_____ BARREL CLEARANCE

_____ COLOR / FINISH

SYSTEM CASE

_____ SCOPE CASE

_____ IRON SIGHTS

_____ DEPLOYMENT KIT

TRIGGER ASSEMBLY

_____ SAFETY OPERATION

_____ RE-SET TO FACTORY SPECS

COMMENTS: _____

F006 REV 5/2006

Remington® DU PONT REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO. C6349059

ORDER NO. 5716

01

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

5716 C6349059

UPC

0 47700 25716 7

M-24

Replaced

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349059

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1 12 90	RW
600	Proof		1 12 90	
607	Check Headspace		1 12 90	
610	Dis-assemble Gun		1 12 90	RW
612	Magnaflux Barrel Action	1-16-90		KCR
	Magnaflux Bolt	1-17-90		KCR
615	Rollmark Caliber	1-17-90		GS
617	Drill and Tap Sight Holes	1-19-90		FB
618	Polish Barrel RB	1-22-90		WB
620	Apply Coatings (Barrel Action)		1-30-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/1/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/1/90	RW
	C) Inspect Ejector Hole for Chamfer		2/1/90	RW
	D) Oil Firing Pin Ass'y		2/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		31 Jan 90	GS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			2-1-90	JH
	G) Safety Off Force	3	3	3			2-1-90	JH
	H) Trigger Pull Test & Retainability						31 Jan 90	JH
	I) Firing Pin Indent	.022	.0225	.023			2-1-90	JH
	J) Assemble Stock						2/27/90	RW
	K) Assemble Swivel Studs						3/13/90	WB
	L) Attach Front and Rear Sight Assemblies						2/27/90	RW
	M) Iron Sight Alignment						2/27/90	RW
	N) Detach Front & Rear Sights & place in numbered container						2/27/90	RW
	O) Attach Scope to Rifle						2/27/90	WB
	P) Detach & Attach Scope 20 Times						2/27/90	WB
640	Gallery Target & Test						2-27-90	[illegible]
	A) Time						"	[illegible]
	B) Malfunctions						"	[illegible]
	C) Pierced Primers						"	[illegible]
	D) Optical Clearity of Scope						"	[illegible]
645	Inspect for Live Ammo						2-27-90	[illegible]
655	Final Inspection A) Headspace						3/13/90	WB
	B) Trigger Pull	2.80	2.81	2.80	2.774	2.72	3/13/90	WB
	C) Function						3/13/90	WB
660	Pack						20 Mar 90	JH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349059
DATE 31 Jan 00
TESTER [illegible]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.46	2.65	2.80	MIN. SETTING,
PULL #2	2.31	2.61	2.17	2.81	NO AVG. OF 5
PULL #3	2.34	2.57	2.31	2.80	READINGS ACCEPT-
PULL #4	2.40	2.56	2.25	2.74	ABLE LESS THAN 2#
PULL #5	2.38	2.61	2.15	2.72	
TOTAL	11.88	12.81	11.53		
AVG.	2.376	2.562	2.306		

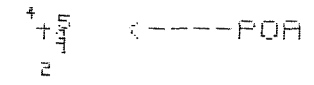
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	3.18		
PULL #2	3.16	3.26		
PULL #3	3.19	3.31		
PULL #4	3.24	3.22		
PULL #5	3.09	3.28		
TOTAL	15.76	16.25		
AVG.	3.152	3.25		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.20		4.02
PULL #2	4.13	4.28		3.85
PULL #3	4.17	4.44		3.96
PULL #4	4.14	4.18		3.81
PULL #5	4.16	4.21		4.03
TOTAL	20.77	21.33		19.67
AVG.	4.154	4.266		3.934

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349059
28 Feb 1990

CENTROIDAL DISTANCES

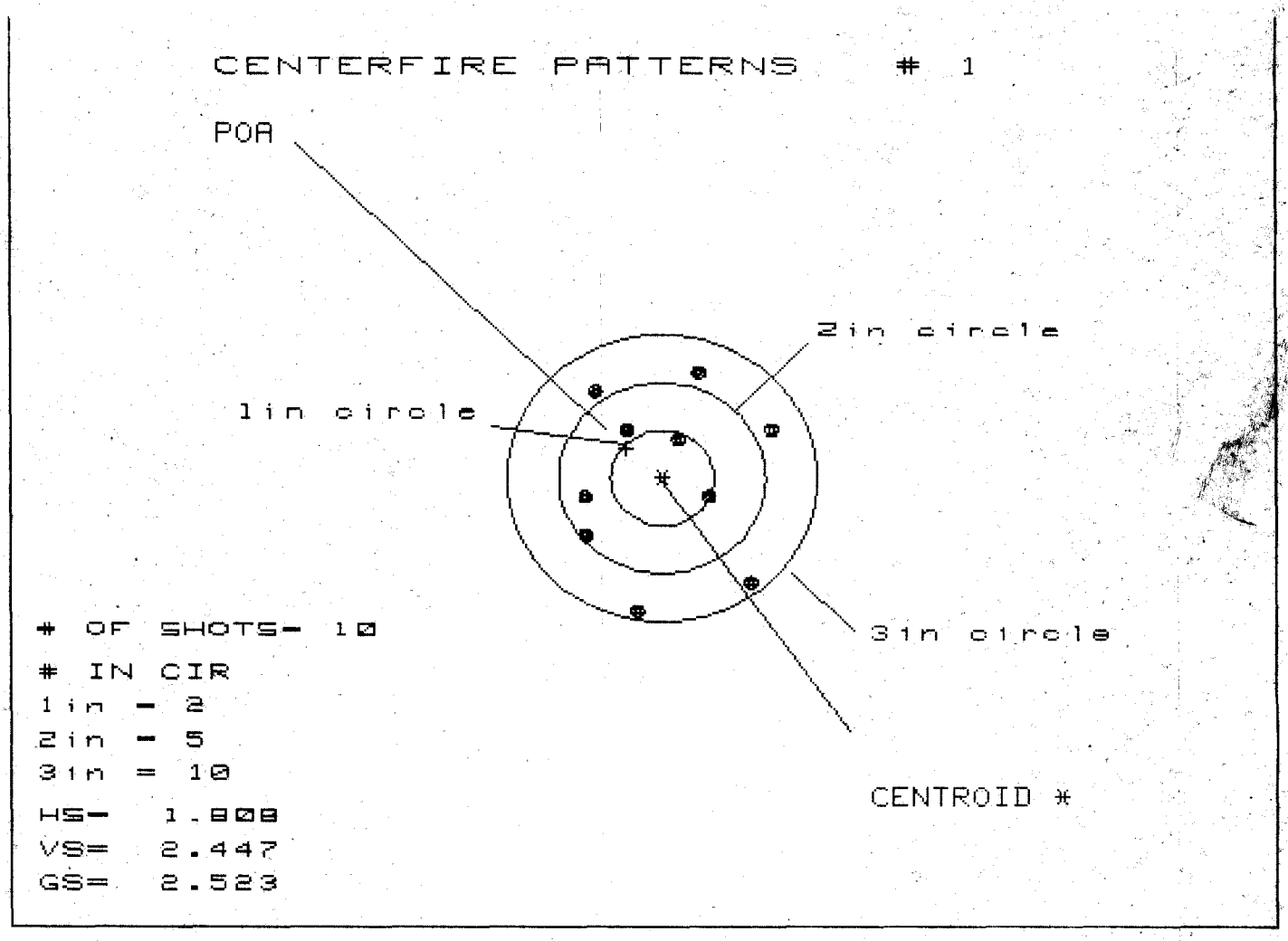
0	TO	1	.463975
1	TO	2	.476341
1	TO	3	.166331
1	TO	4	.832309
1	TO	5	.448291



THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .178
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1378
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .225106

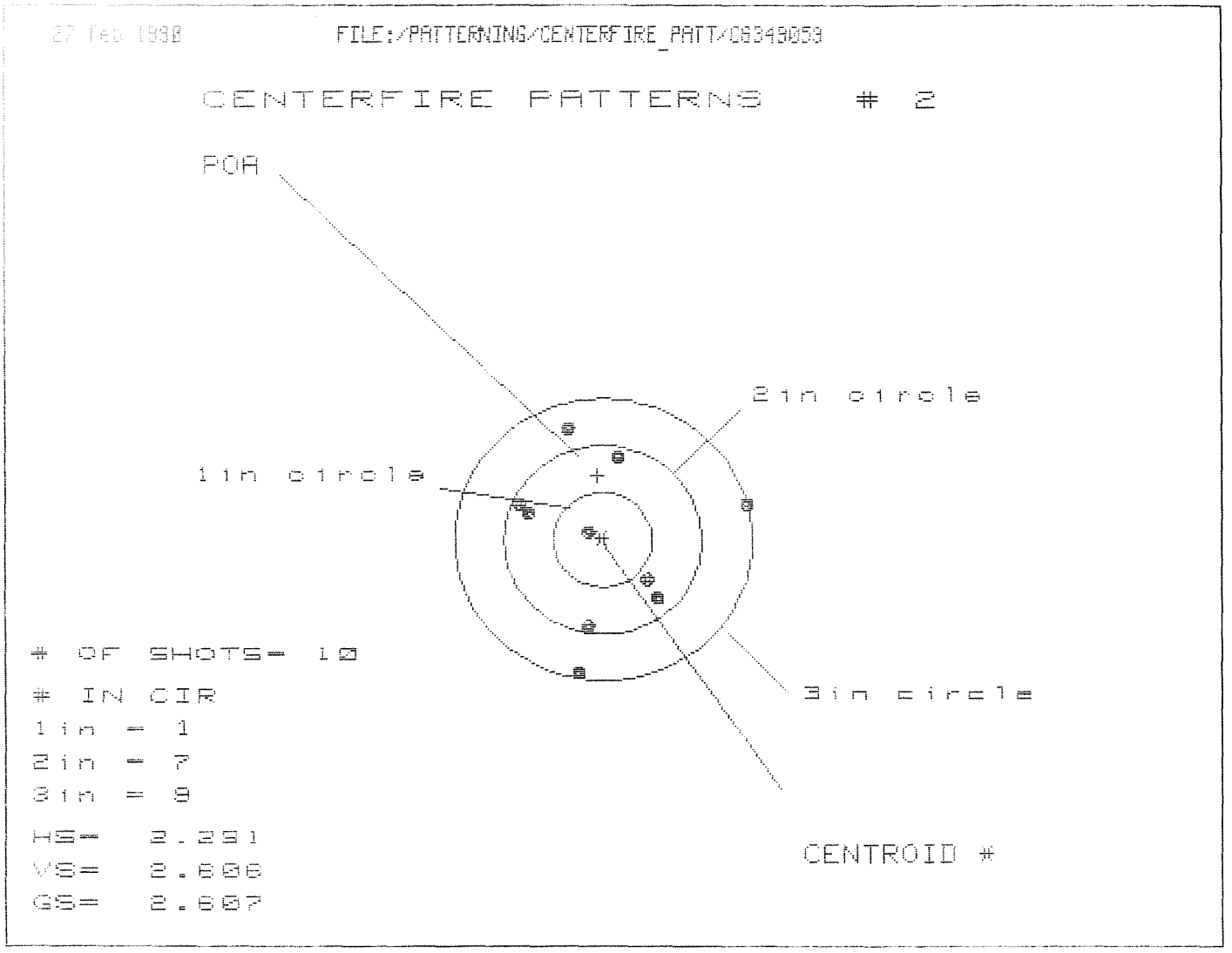
THE AMR FOR THIS RIFLE IS: .9602

Feb 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6349059



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.020	.987	1.093
MINIMUM X	:	-.788	-.821	-.715
MAXIMUM Y	:	1.071	.918	.766
MINIMUM Y	:	-1.376	-1.219	-.878
CENTROID X	:	.347	.380	.274
CENTROID Y	:	-.308	-.155	-.003
[illegible] TO CENTROID in.	:	.464	.410	.274
MIN RADIUS	:	.453	.298	.244
MEAN RADIUS	:	.940	.863	.756
MAX RADIUS	:	1.407	1.484	1.111
HORIZONTAL SPREAD	:	1.808	1.808	1.808
VERTICAL SPREAD	:	2.447	2.137	1.644
EXTREME SPREAD	:	2.523	2.501	2.030

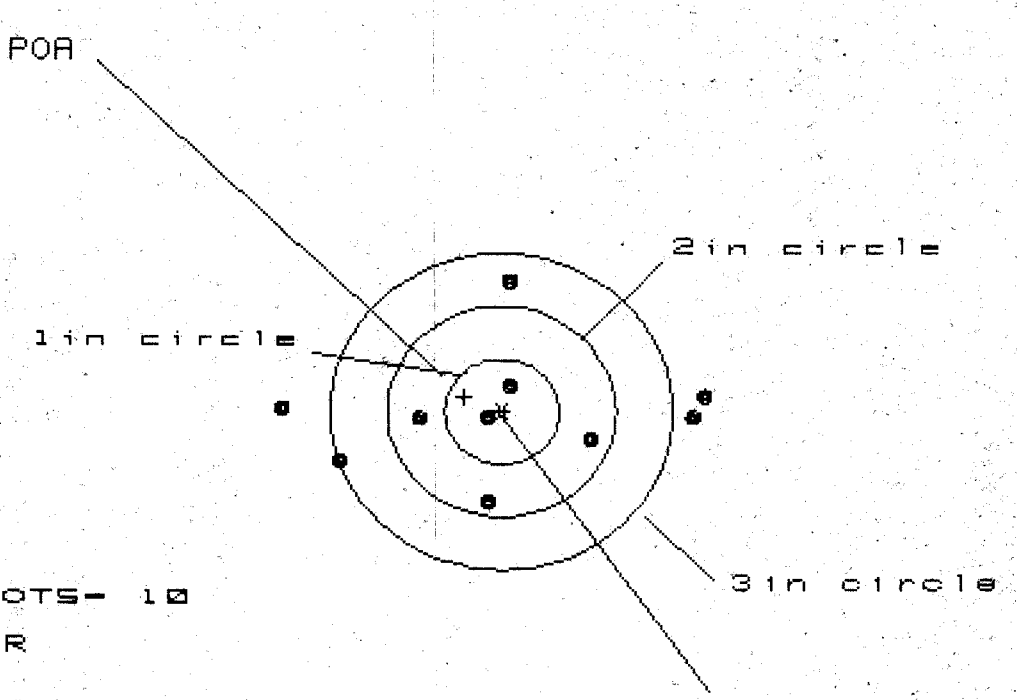
NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 10



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.469	.666	.650
MINIMUM X	:	-.822	-.659	-.675
MAXIMUM Y	:	1.222	1.267	1.099
MINIMUM Y	:	-1.384	-1.339	-1.041
CENTROID X	:	.052	-.111	-.099
CENTROID Y	:	-.682	-.727	-.559
POA TO CENTROID in.	:	.684	.735	.567
MIN RADIUS	:	.179	.128	.041
MEAN RADIUS	:	.938	.856	.774
MAX RADIUS	:	1.523	1.345	1.119
HORIZONTAL SPREAD	:	2.291	1.325	1.325
VERTICAL SPREAD	:	2.606	2.606	2.140
EXTREME SPREAD	:	2.607	2.607	2.150
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Feb 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6349059

CENTERFIRE PATTERNS # 3



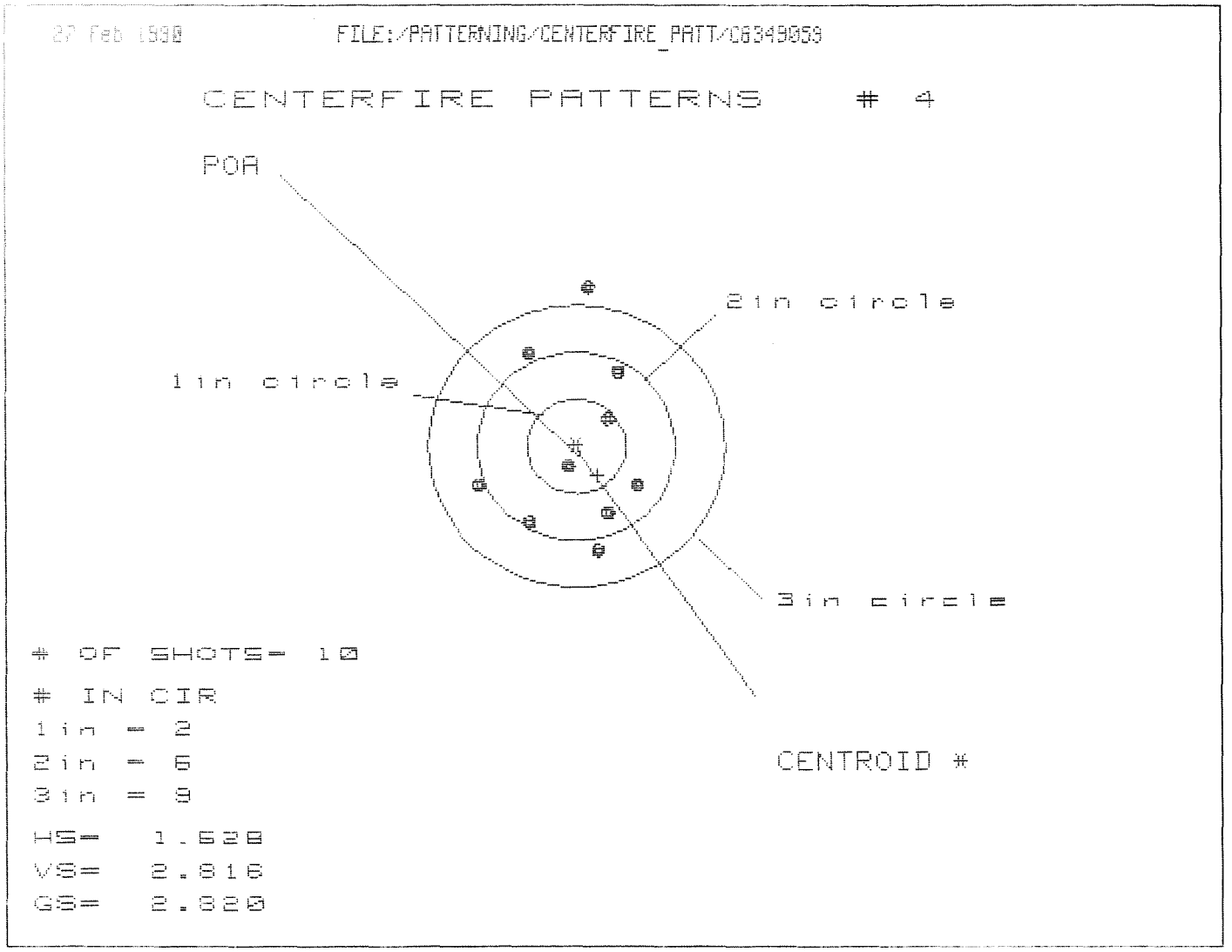
OF SHOTS= 10

# IN CIR	
1in =	2
2in =	5
3in =	6

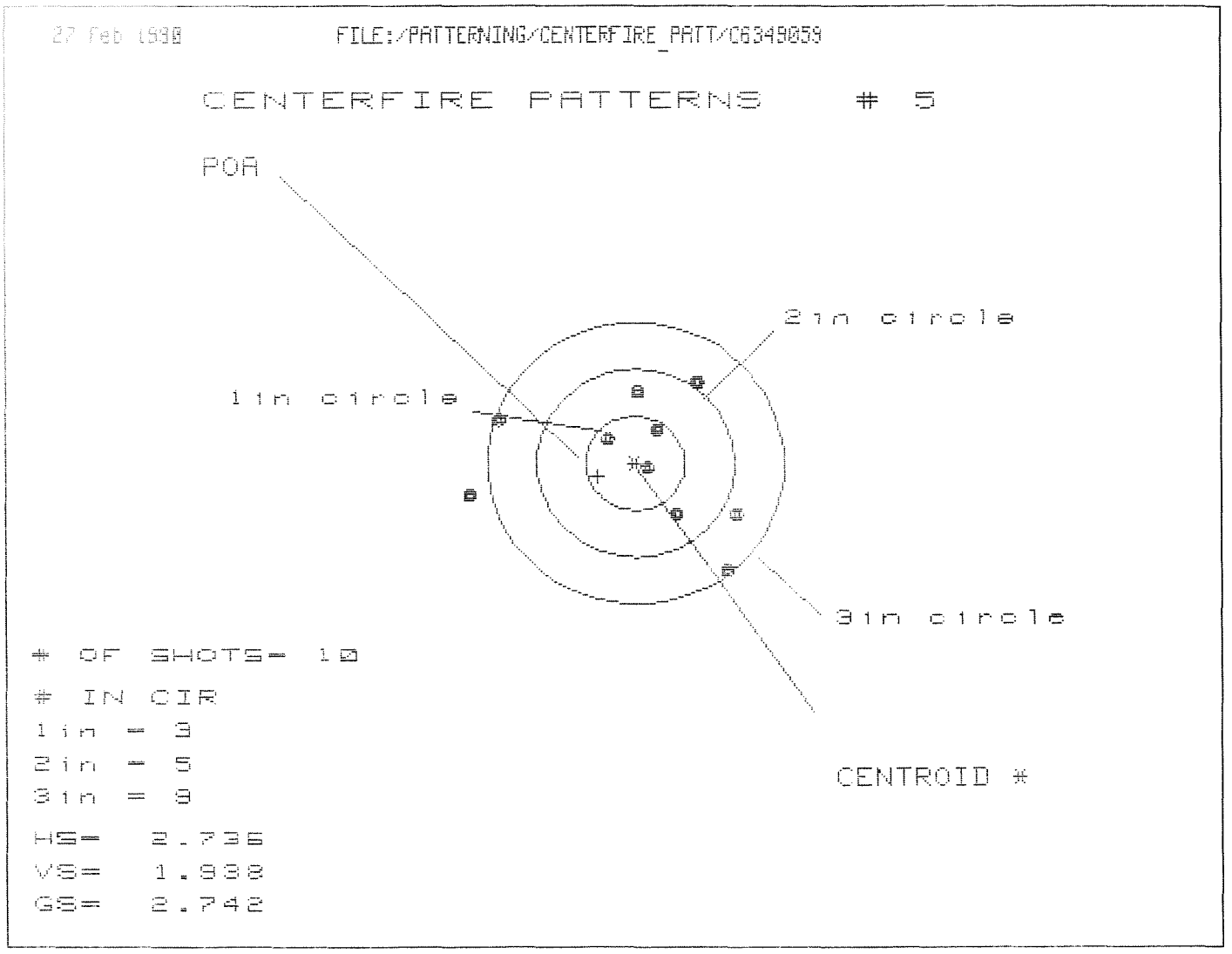
HS= 3.756
VS= 2.055
GS= 3.760

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.817	1.602	1.663
MINIMUM X	:	-1.939	-1.666	-1.466
MAXIMUM Y	:	1.219	1.219	1.241
MINIMUM Y	:	-.836	-.836	-.815
CENTROID X	:	.326	.541	.341
CENTROID Y	:	-.143	-.143	-.165
POA TO CENTROID in.	:	.356	.560	.378
MIN RADIUS	:	.129	.332	.138
MEAN RADIUS	:	1.101	1.019	.907
MAX RADIUS	:	1.939	1.717	1.664
HORIZONTAL SPREAD	:	3.756	3.268	3.129
VERTICAL SPREAD	:	2.055	2.055	2.055
EXTREME SPREAD	:	3.760	3.320	3.150

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 6



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.612	.625	.660
MINIMUM X	:	-1.016	-1.003	-.968
MAXIMUM Y	:	1.669	1.201	1.081
MINIMUM Y	:	-1.147	-.962	-.722
CENTROID X	:	-.216	-.229	-.264
CENTROID Y	:	.305	.120	.240
POA TO CENTROID in.	:	.374	.259	.357
MIN RADIUS	:	.228	.050	.158
MEAN RADIUS	:	.911	.788	.775
MAX RADIUS	:	1.673	1.307	1.182
HORIZONTAL SPREAD	:	1.628	1.628	1.628
VERTICAL SPREAD	:	2.816	2.163	1.803
EXTREME SPREAD	:	2.820	2.303	1.948
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.012	.821	.909
MINIMUM X	:	-1.724	-1.540	-1.452
MAXIMUM Y	:	.833	.798	.656
MINIMUM Y	:	-1.105	-1.140	-.751
CENTROID X	:	.381	.572	.484
CENTROID Y	:	.139	.174	.316
POA TO CENTROID in.	:	.405	.598	.578
MIN RADIUS	:	.165	.106	.195
MEAN RADIUS	:	.911	.788	.702
MAX RADIUS	:	1.752	1.588	1.472
HORIZONTAL SPREAD	:	2.736	2.361	2.361
VERTICAL SPREAD	:	1.938	1.938	1.407
EXTREME SPREAD	:	2.742	2.716	2.531
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	