C652232

MODEL 700™ M24

Model SWS™

Action

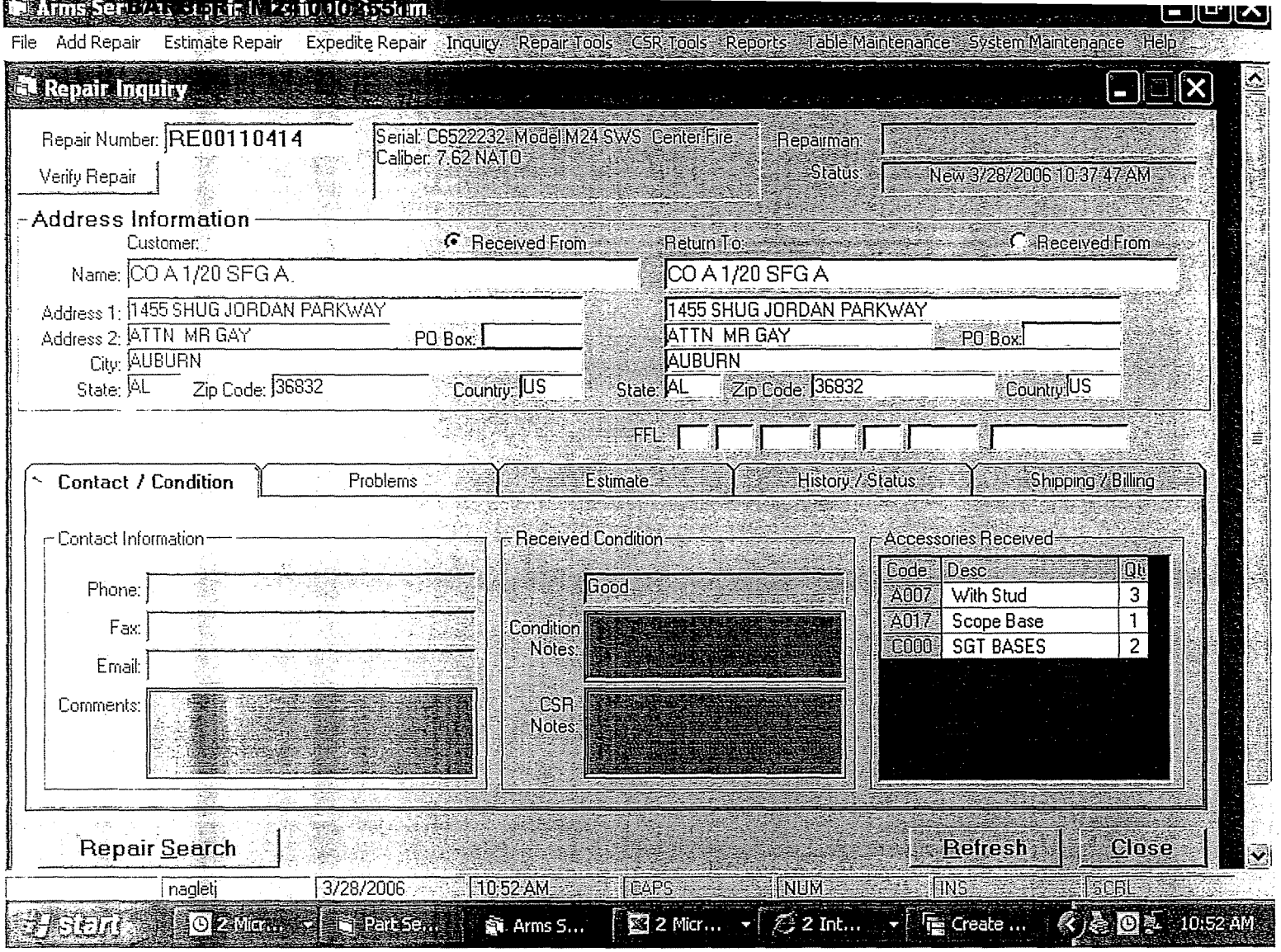
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®



Serial Number: C6522232

Model: M24 SWS

RE00110414

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522232.__0
FILE DATE AND TIME: 04/12/2006 14:21

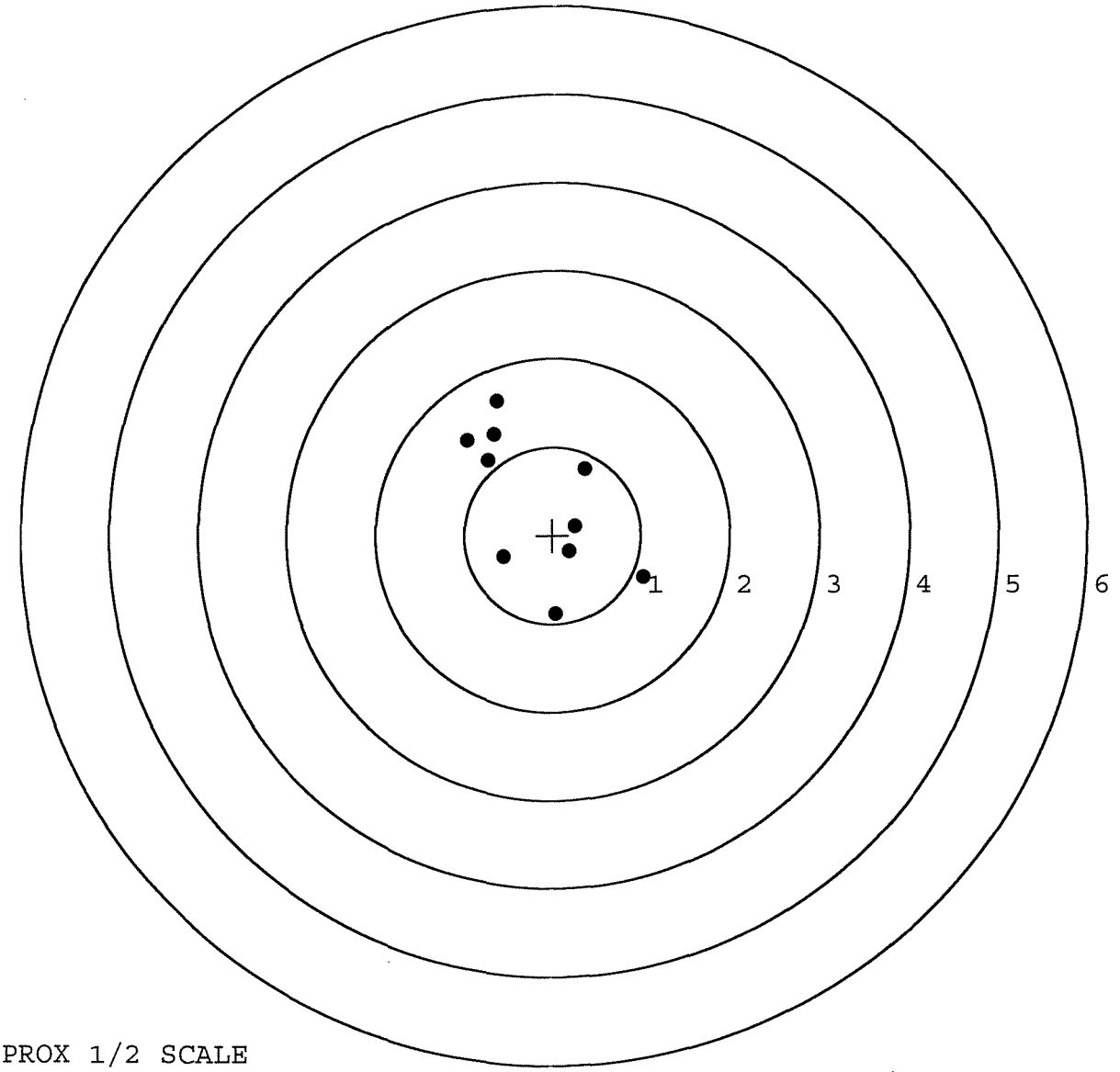
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	0.068
The Average Point of Impact of the Five Target Set:	0.086
The Average Mean Radius of the Five Target Set:	0.649
The Distance from POA to Centroid Target #1:	0.403
The Distance from Centroid Target #2 to Centroid Target #1:	0.501
The Distance from Centroid Target #3 to Centroid Target #1:	0.304
The Distance from Centroid Target #4 to Centroid Target #1:	0.400
The Distance from Centroid Target #5 to Centroid Target #1:	0.428

SERIAL NUMBER: C6522232.__0
TARGET NUMBER: 1
FILE DATE: 04/12/2006
FILE TIME: 14:21

X CENTROID:	-0.171
Y CENTROID:	0.365
POA TO CENTROID:	0.403
HORZ SPREAD:	1.998
VERT SPREAD:	2.404
GROUP SPREAD:	2.598
MIN RADIUS:	0.493
MAX RADIUS:	1.462
MEAN RADIUS:	0.924
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.646	1.515
2:	-0.970	1.072
3:	-0.735	0.846
4:	0.360	0.752
5:	0.248	0.105
6:	0.191	-0.186
7:	-0.554	-0.242
8:	0.039	-0.889
9:	1.028	-0.472
10:	-0.668	1.145

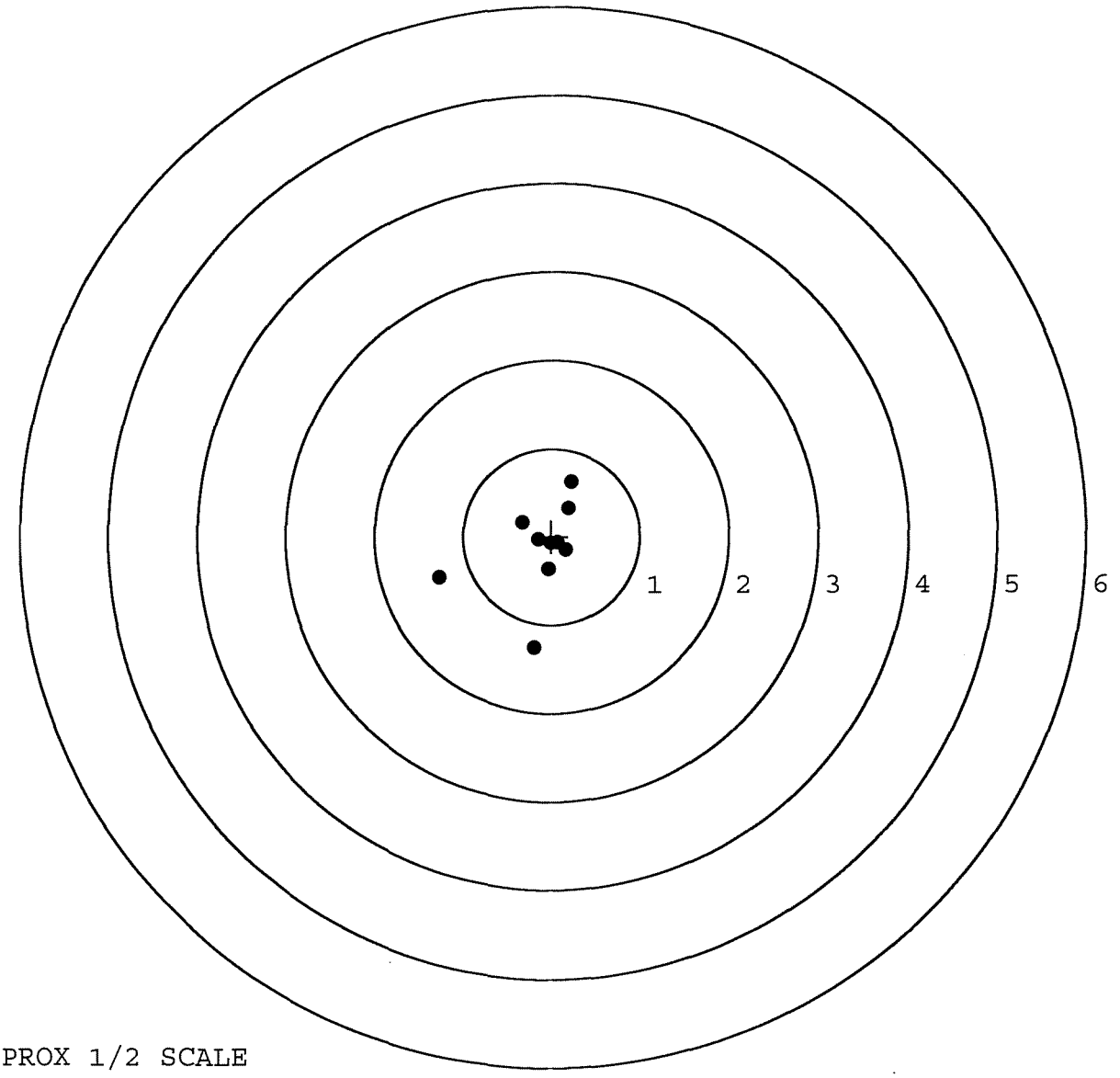


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522232.__0
TARGET NUMBER: 2
FILE DATE: 04/12/2006
FILE TIME: 14:21

X CENTROID:	-0.136
Y CENTROID:	-0.135
POA TO CENTROID:	0.191
HORZ SPREAD:	1.491
VERT SPREAD:	1.887
GROUP SPREAD:	1.850
MIN RADIUS:	0.097
MAX RADIUS:	1.183
MEAN RADIUS:	0.508
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.222	0.623
2:	0.192	0.322
3:	-0.339	0.161
4:	0.165	-0.155
5:	-0.039	-0.374
6:	-1.269	-0.473
7:	-0.196	-1.264
8:	0.073	-0.073
9:	-0.151	-0.039
10:	-0.013	-0.079

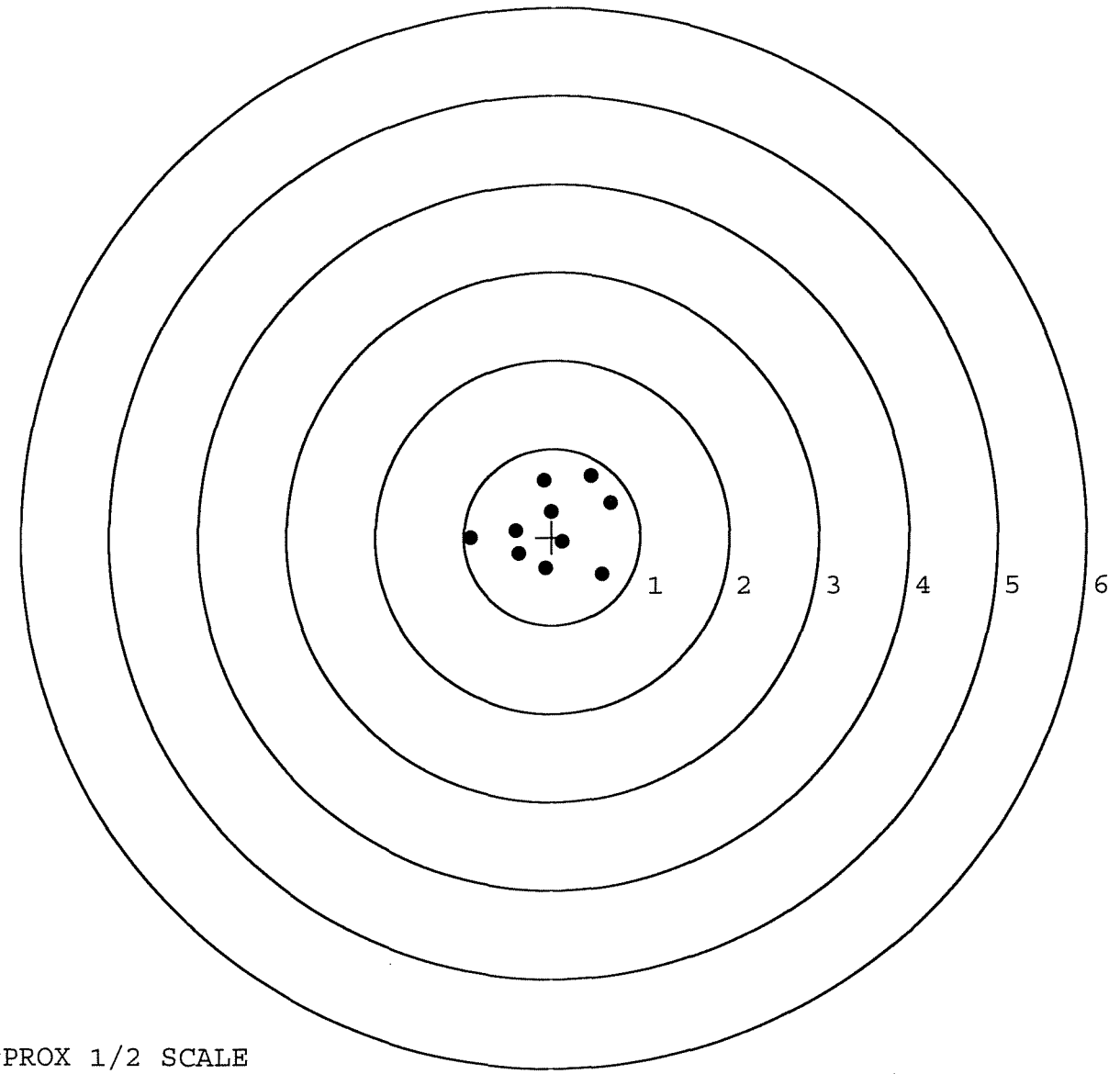


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522232.__0
TARGET NUMBER: 3
FILE DATE: 04/12/2006
FILE TIME: 14:21

X CENTROID:	-0.013
Y CENTROID:	0.105
POA TO CENTROID:	0.106
HORZ SPREAD:	1.579
VERT SPREAD:	1.118
GROUP SPREAD:	1.631
MIN RADIUS:	0.185
MAX RADIUS:	0.920
MEAN RADIUS:	0.544
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.434	0.695
2:	0.654	0.392
3:	0.562	-0.423
4:	-0.925	-0.018
5:	-0.408	0.074
6:	-0.376	-0.193
7:	-0.078	-0.355
8:	0.120	-0.058
9:	-0.018	0.290
10:	-0.094	0.646

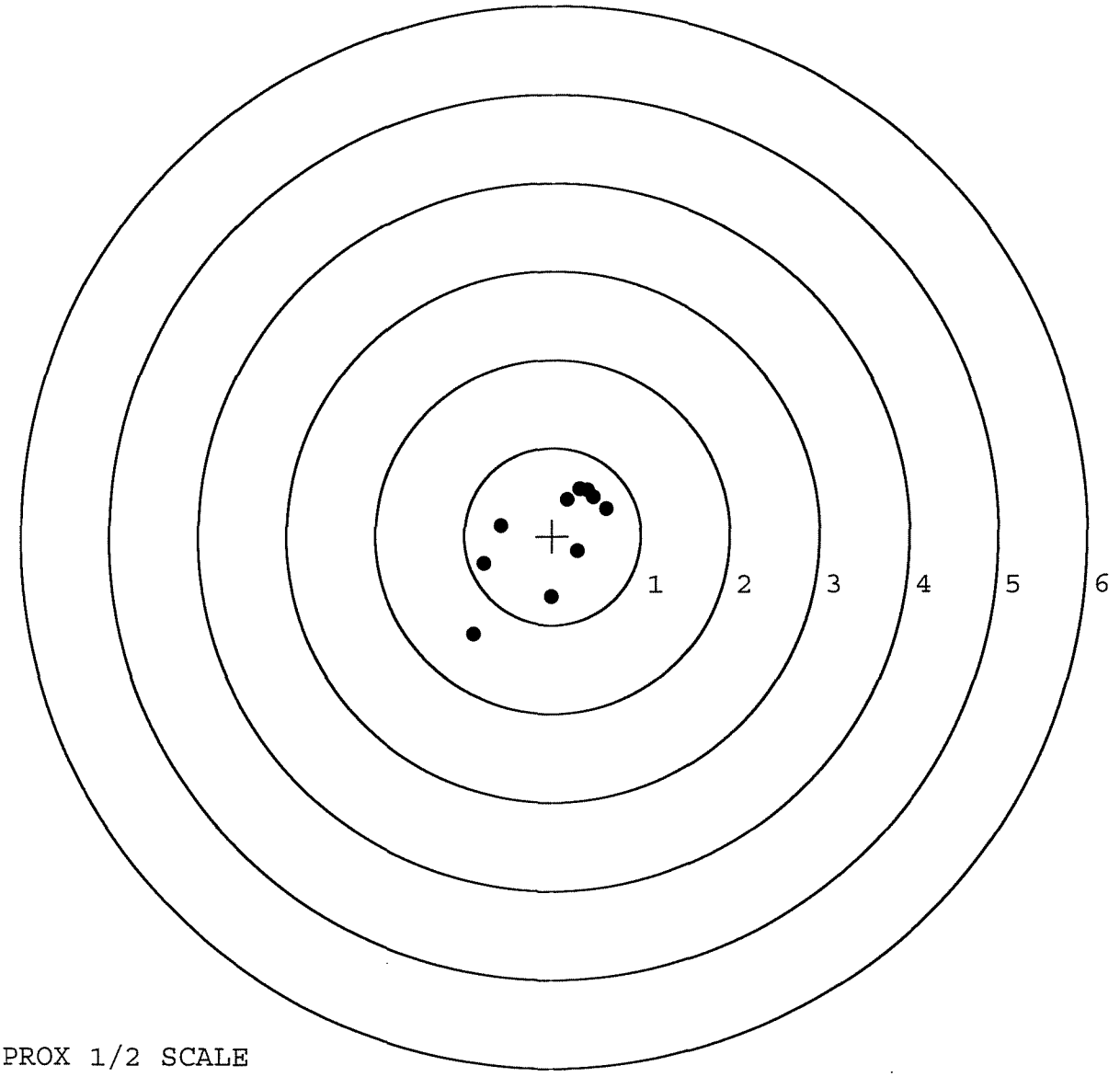


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522232.__0
TARGET NUMBER: 4
FILE DATE: 04/12/2006
FILE TIME: 14:21

X CENTROID:	-0.007
Y CENTROID:	0.000
POA TO CENTROID:	0.007
HORZ SPREAD:	1.503
VERT SPREAD:	1.644
GROUP SPREAD:	2.079
MIN RADIUS:	0.341
MAX RADIUS:	1.427
MEAN RADIUS:	0.691
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.897	-1.116
2:	-0.018	-0.692
3:	0.285	-0.176
4:	-0.587	0.112
5:	-0.774	-0.320
6:	0.161	0.411
7:	0.304	0.528
8:	0.392	0.515
9:	0.458	0.435
10:	0.606	0.303

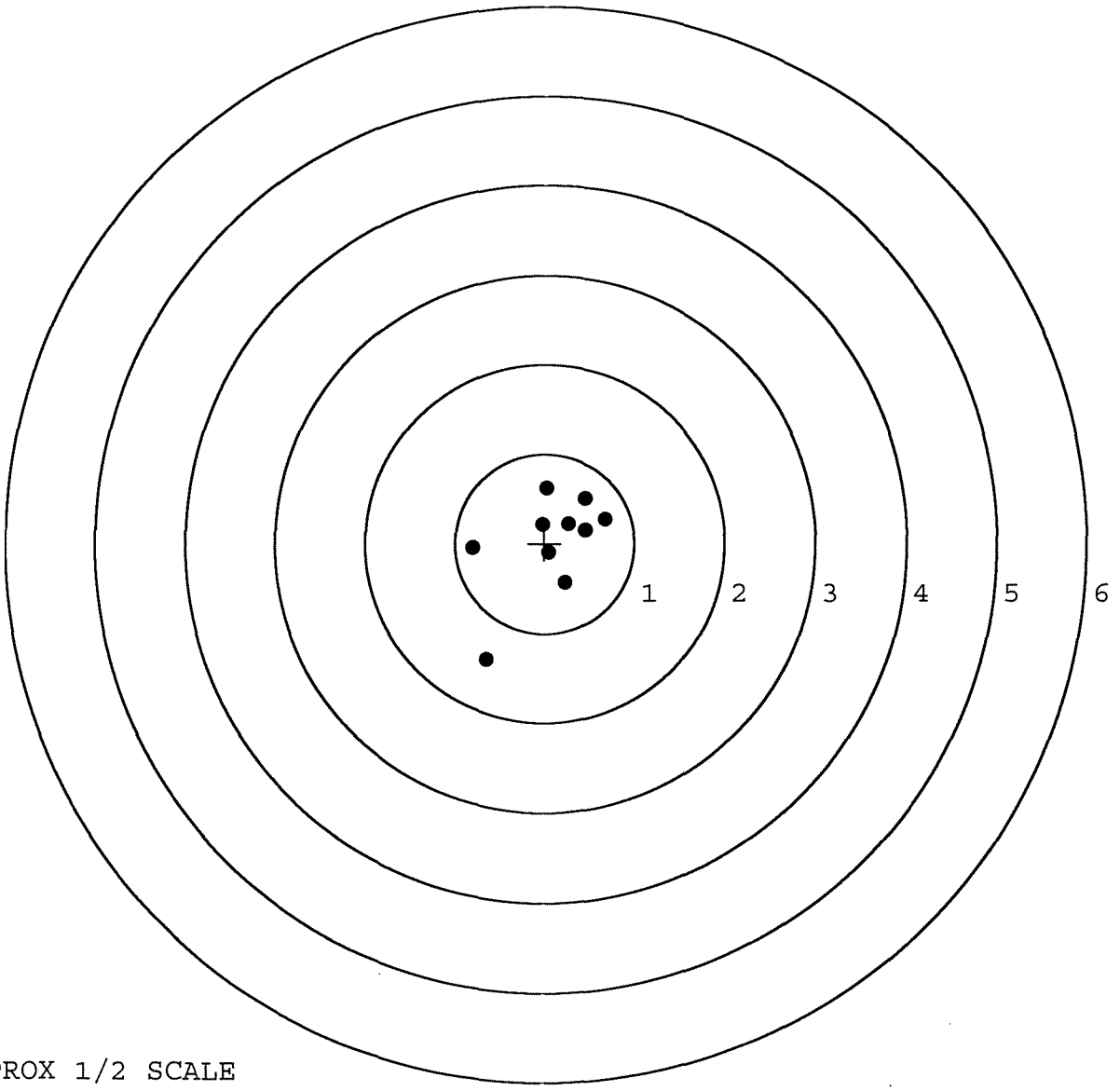


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522232.__0
TARGET NUMBER: 5
FILE DATE: 04/12/2006
FILE TIME: 14:21

X CENTROID:	0.065
Y CENTROID:	0.008
POA TO CENTROID:	0.066
HORZ SPREAD:	1.475
VERT SPREAD:	1.915
GROUP SPREAD:	2.111
MIN RADIUS:	0.109
MAX RADIUS:	1.491
MEAN RADIUS:	0.576
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.653	-1.299
2:	-0.802	-0.054
3:	0.021	0.616
4:	0.449	0.502
5:	0.265	0.216
6:	0.449	0.151
7:	0.673	0.272
8:	-0.026	0.213
9:	0.049	-0.100
10:	0.227	-0.437



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

DATE 3-15-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.62	2.55		2.48	
PULL #2	2.47	2.40		2.48	
PULL #3	2.40	2.41		2.49	
PULL #4	2.54	2.43		2.48	
PULL #5	2.59	2.47		2.50	
TOTAL	12.62	12.26		12.43	
AVERAGE	2.52	2.45		2.48	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	2.97		
PULL #2	3.09	2.99		
PULL #3	3.03	2.97		
PULL #4	3.08	2.97		
PULL #5	3.06	2.97		
TOTAL	15.36	14.87		
AVERAGE	3.07	2.97		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.01	3.99		4.00
PULL #2	3.97	4.17		4.13
PULL #3	4.04	4.11		4.07
PULL #4	4.04	4.12		4.01
PULL #5	4.05	4.17		4.02
TOTAL	20.11	20.56		20.23
AVERAGE	4.02	4.11		4.04

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

R & E NUMBER	110414		
SERIAL NUMBER	C0522232		
LOG-IN DATE	3-28-06		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITL
550	DIS-ASSEMBLE GUN	3-29-06	RTC
560 A	RE-BARREL	4-3-06	RTC
B	DRILL AND TAP	4-4-06	TRW
575	ASSEMBLE	4-4-06	RTC
600	PROOF	4.4.06	TRW
605	CHECK HEADSPACE	4.4.06	TRW
610	DIS-ASSEMBLE GUN	4-4-06	RTC
612	MAGNAFLUX	4-5-06	APD
615	ROLLMARK CALIBER	4-5-06	CW
618	ROTO-BLAST	4-5-06	LB
620	APPLY COATINGS	4/6/06	SB
625 A	FINAL ASSEMBLY	4-10-06	RTC
B	TRIGGER PULL TEST	4-13-06	AC
C	SAFETY "ON" FORCE	4-13-06	AC
D	SAFETY "OFF" FORCE	4-13-06	AC
E	FIRING PIN INDENT	4-13-06	AC
640	TARGET	4-12-06	APD
655	FINAL INSPECT	4-13-06	AC
660	PACK	4-19-06	QA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA - FLUX
INSPECTED
APR 05 2006

Remington
DUPONT
REG U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM M24
SERIAL NO.
C6522232
ORDER NO.
576
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.
61
5716 C6522232
UPC
0 47700 25716 7

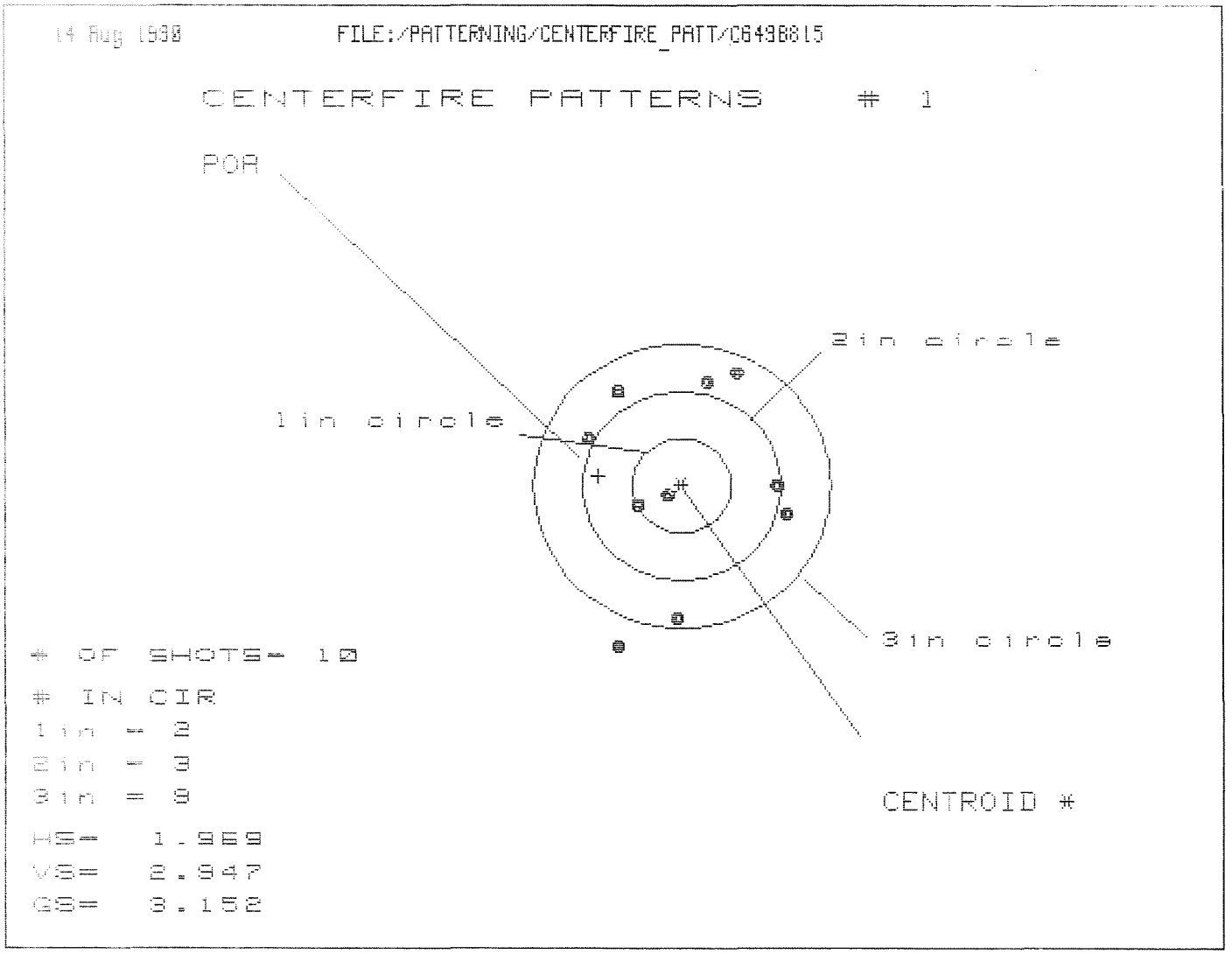
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498815
14 Aug 1990

CENTROIDAL DISTANCES

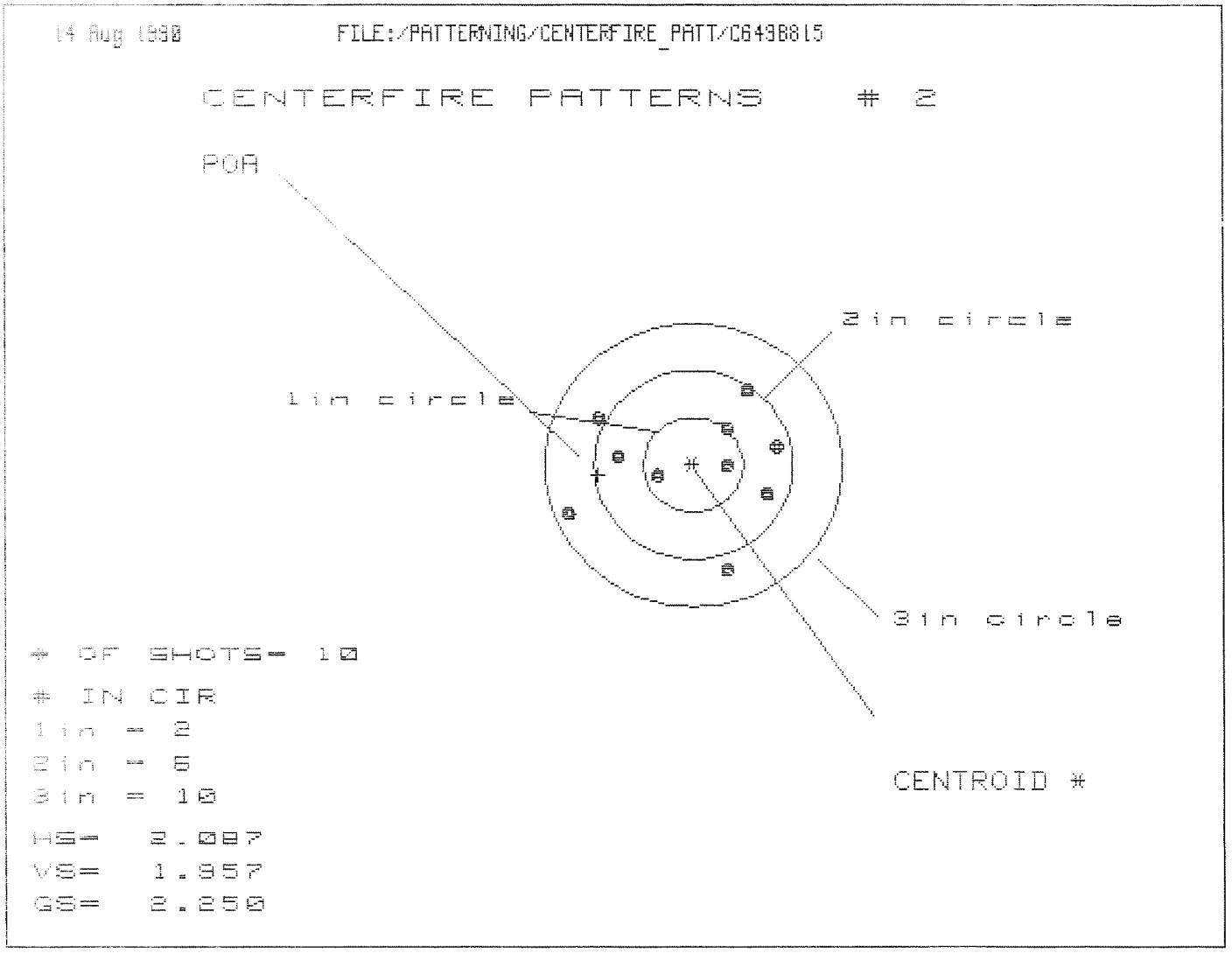
0	TO	1	.847043
1	TO	2	.240393
1	TO	3	.173692
1	TO	4	.705669
1	TO	5	.667888

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .6254
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1352
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .639847

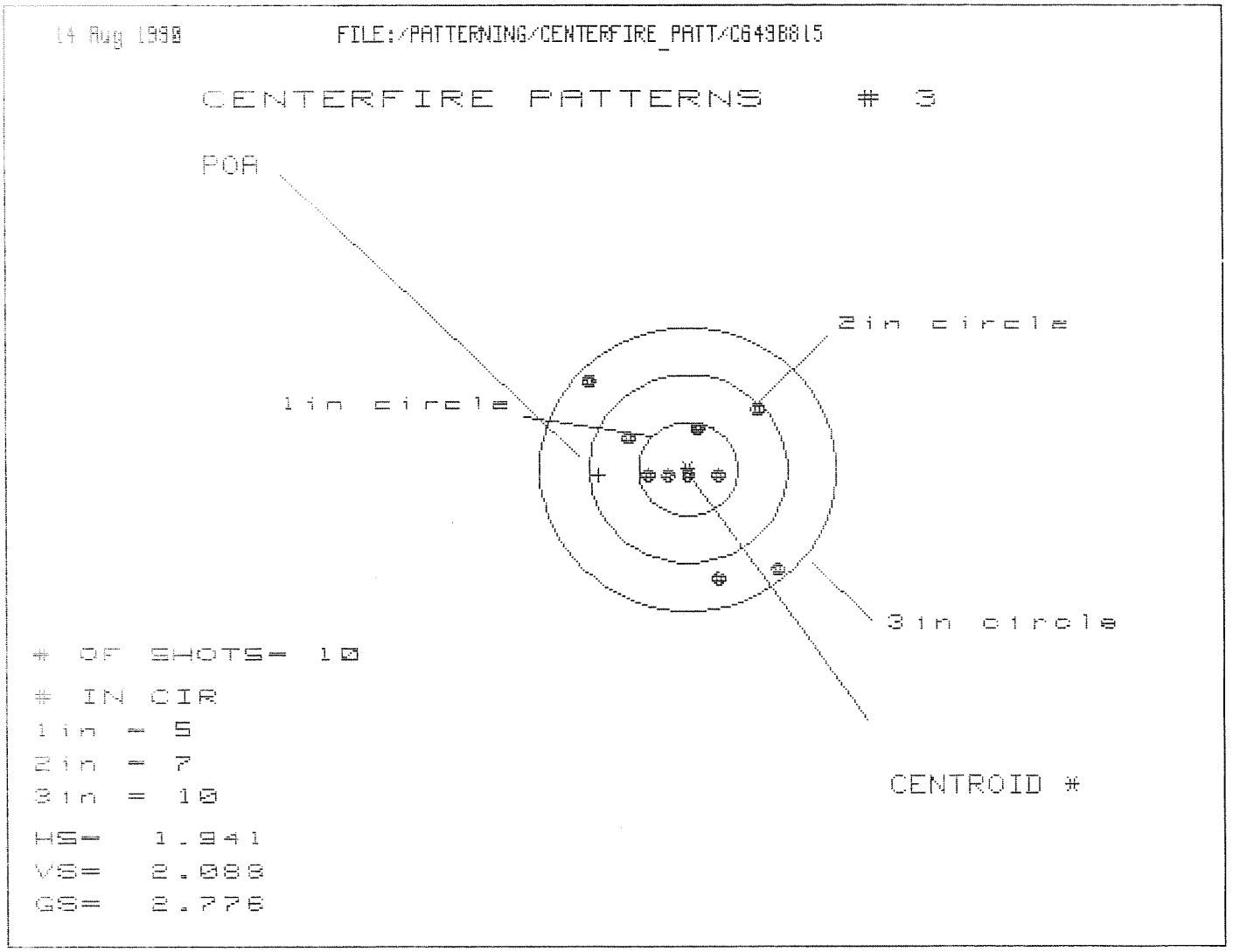
THE AMR FOR THIS RIFLE IS: .8726



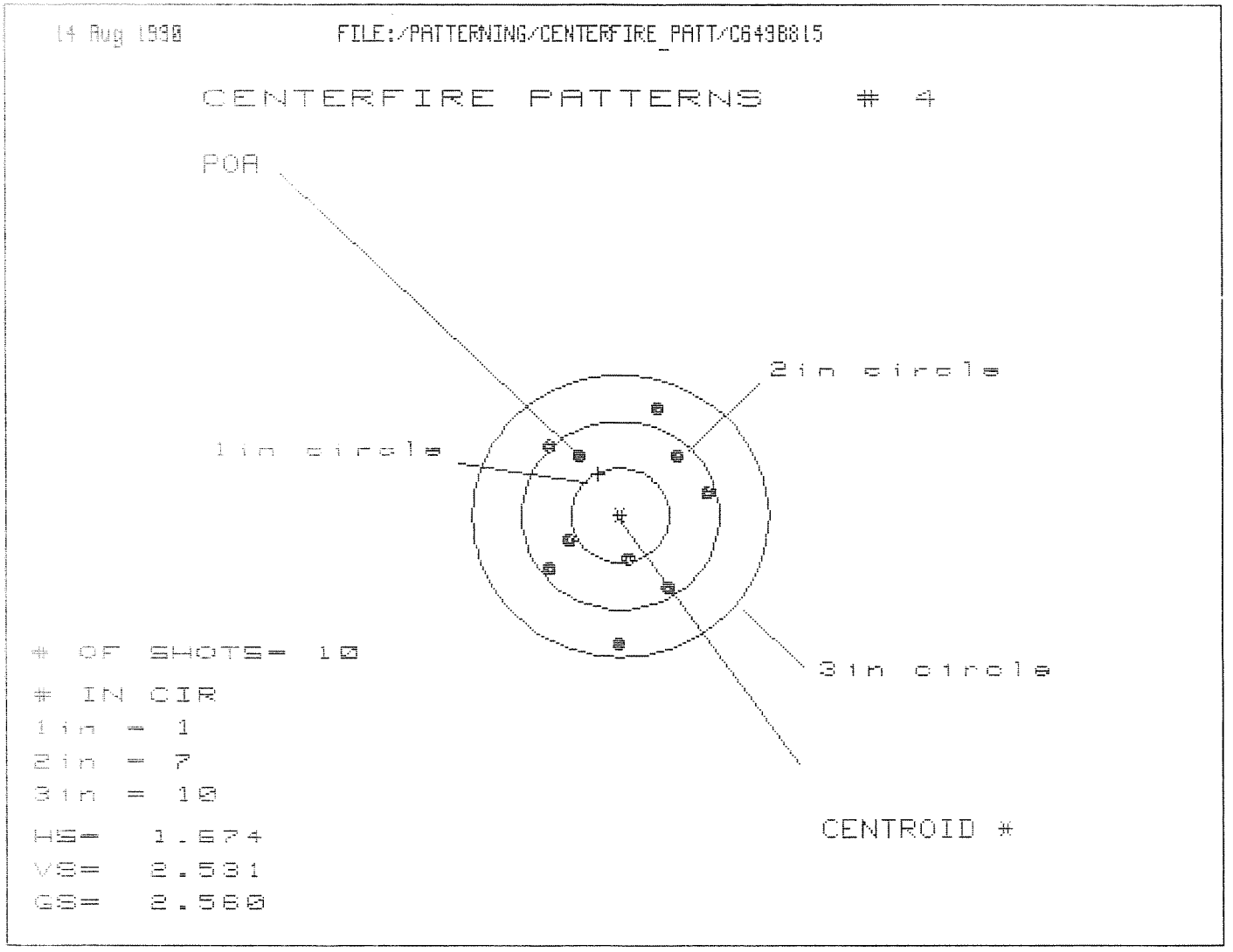
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.029	.963	.949
MINIMUM X	:	-.940	-1.006	-1.020
MAXIMUM Y	:	1.242	1.053	.851
MINIMUM Y	:	-1.705	-1.613	-.665
CENTROID X	:	.841	.907	.921
CENTROID Y	:	-.101	.088	.290
POA TO CENTROID in.	:	.847	.911	.965
MIN RADIUS	:	.193	.386	.574
MEAN RADIUS	:	1.065	.982	.895
MAX RADIUS	:	1.805	1.617	1.159
HORIZONTAL SPREAD	:	1.969	1.969	1.969
VERTICAL SPREAD	:	2.947	2.666	1.516
EXTREME SPREAD	:	3.152	2.726	2.124
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	



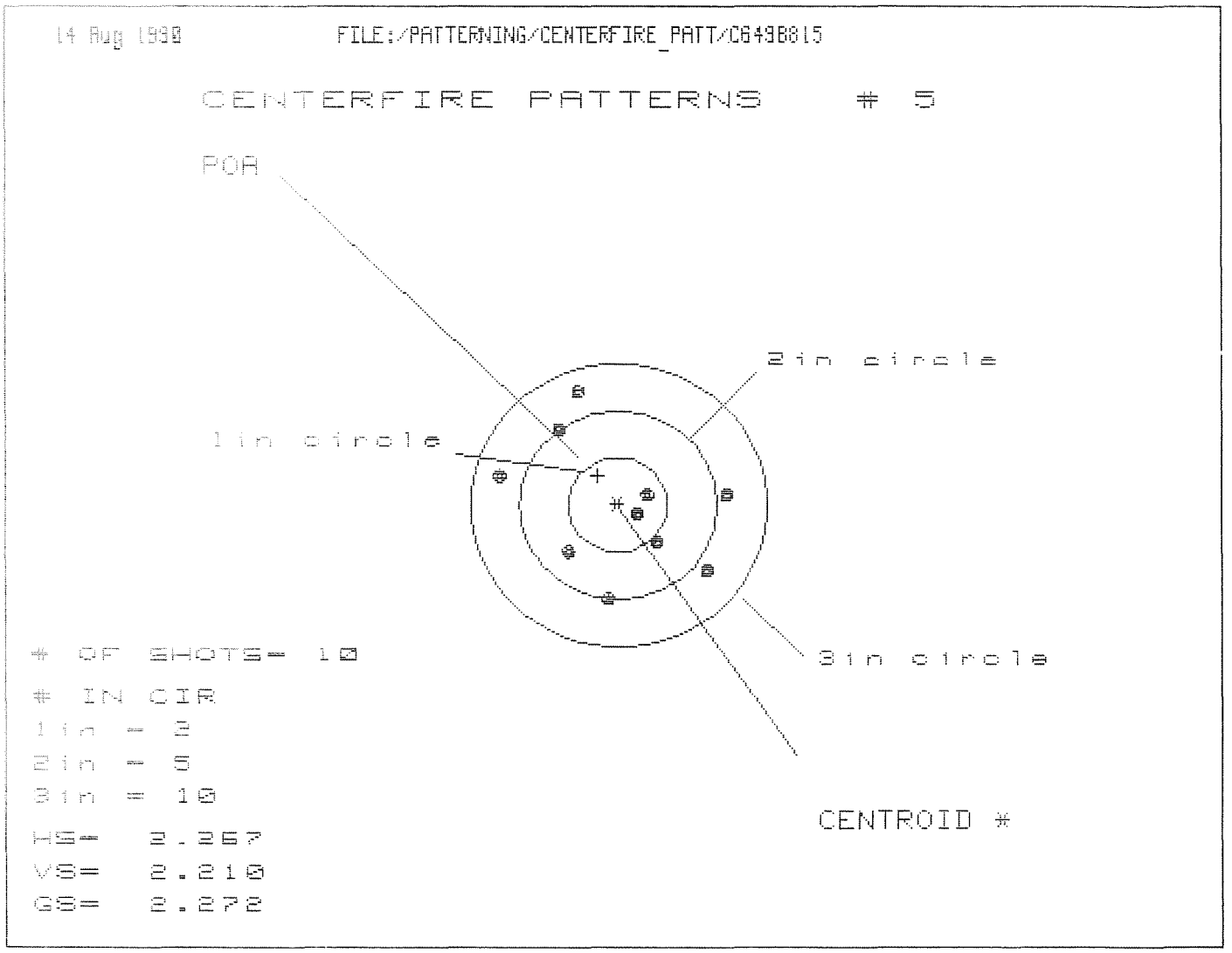
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.857	.721	.745
MINIMUM X	:	-1.230	-1.064	-1.040
MAXIMUM Y	:	.838	.783	.636
MINIMUM Y	:	-1.119	-1.174	-.523
CENTROID X	:	.958	1.094	1.070
CENTROID Y	:	.109	.164	.311
POA TO CENTROID in.	:	.964	1.107	1.114
MIN RADIUS	:	.350	.230	.332
MEAN RADIUS	:	.832	.752	.693
MAX RADIUS	:	1.328	1.191	1.086
HORIZONTAL SPREAD	:	2.087	1.785	1.785
VERTICAL SPREAD	:	1.957	1.957	1.159
EXTREME SPREAD	:	2.250	2.066	1.894
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.901	.785	.714
MINIMUM X	:	-1.040	-.748	-.650
MAXIMUM Y	:	.959	.747	.633
MINIMUM Y	:	-1.129	-1.023	-1.137
CENTROID X	:	.901	1.017	.919
CENTROID Y	:	.062	-.044	.070
POA TO CENTROID in.	:	.903	1.018	.921
MIN RADIUS	:	.038	.144	.052
MEAN RADIUS	:	.709	.650	.542
MAX RADIUS	:	1.415	1.208	1.167
HORIZONTAL SPREAD	:	1.941	1.533	1.364
VERTICAL SPREAD	:	2.088	1.770	1.770
EXTREME SPREAD	:	2.776	2.020	1.827
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.923	.922	.968
MINIMUM X	:	-.751	-.752	-.706
MAXIMUM Y	:	1.164	1.012	.752
MINIMUM Y	:	-1.367	-.923	-.797
CENTROID X	:	.221	.222	.175
CENTROID Y	:	-.438	-.286	-.412
POA TO CENTROID in.	:	.490	.362	.448
MIN RADIUS	:	.459	.611	.490
MEAN RADIUS	:	.908	.853	.810
MAX RADIUS	:	1.367	1.078	.990
HORIZONTAL SPREAD	:	1.674	1.674	1.674
VERTICAL SPREAD	:	2.531	1.935	1.549
EXTREME SPREAD	:	2.560	2.078	1.963
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.111	1.070	.920
MINIMUM X	:	-1.156	-1.197	-.846
MAXIMUM Y	:	1.233	.927	.980
MINIMUM Y	:	-.977	-.840	-.787
CENTROID X	:	.206	.247	.397
CENTROID Y	:	-.308	-.445	-.498
POA TO CENTROID in.	:	.370	.509	.637
MIN RADIUS	:	.204	.124	.074
MEAN RADIUS	:	.849	.773	.677
MAX RADIUS	:	1.288	1.272	1.295
HORIZONTAL SPREAD	:	2.267	2.267	1.766
VERTICAL SPREAD	:	2.210	1.767	1.767
EXTREME SPREAD	:	2.272	2.272	2.096
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

SWS TRIGGER PULL TEST

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

SERIAL NO. C6522232

DATE 9-11-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.30	2.27	2.34	MIN. SETTING,
PULL #2	2.22	2.28	2.28	2.35	NO AVG. OF 5
PULL #3	2.33	2.33	2.35	2.41	READINGS ACCEPT-
PULL #4	2.25	2.31	2.27	2.37	ABLE LESS THAN 2#
PULL #5	2.30	2.29	2.32	2.31	
TOTAL	11.43	11.51	11.49	11.78	
AVG.	2.286	2.302	2.298	2.356	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.45		
PULL #2	3.42	3.47		
PULL #3	3.38	3.44		
PULL #4	3.44	3.42		
PULL #5	3.42	3.48		
TOTAL	17.15	17.26		
AVG.	3.43	3.452		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.32		4.41
PULL #2	4.31	4.49		4.33
PULL #3	4.31	4.33		4.43
PULL #4	4.34	4.35		4.33
PULL #5	4.32	4.26		4.31
TOTAL	21.44	21.75		21.81
AVG.	4.288	4.35		4.362

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/13/90	DH
	G) Safety Off Force	4	4	4			8/13/90	DH
	H) Trigger Pull Test & Retainability						9-11-90	DH
	I) Firing Pin Indent	.0235	.0255	.0235			8/13/90	DH
	J) Assemble Stock						8/13/90	KS
	K) Assemble Swivel Studs						9/12/90	DH
	L) Attach Front and Rear Sight Assemblies						8/13/90	KS
	M) Iron Sight Alignment						8/13/90	KS
	N) Detach Front & Rear Sights & place in numbered container						8/13/90	KS
	O) Attach Scope to Rifle						8/13/90	KS
	P) Detach & Attach Scope 20 Times						8/13/90	KS
640	Gallery Target & Test						8-14-90	KJ
	A) Time						8-14-90	KJ
	B) Malfunctions						8-14-90	KJ
	C) Pierced Primers						8-14-90	KJ
	D) Optical Clearity of Scope						8-14-90	KJ
645	Inspect for Live Ammo						8-14-90	KJ
655	Final Inspection A) Headspace						9/12/90	DH
	B) Trigger Pull	2.34	2.36	2.41	2.37	2.31	9-11-90	DH
	C) Function						9/12/90	DH
660	Pack						9/19/90	LE

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522232

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/9/90	KL
600	Proof		7/9/90	KL
607	Check Headspace		7/9/90	KL
610	Dis-assemble Gun		7/9/90	KL
612	Magnaflux Barrel Action		7/17/90	KR
	Magnaflux Bolt		7/17/90	KR
615	Rollmark Caliber		7/17/90	EL.
617	Drill and Tap Sight Holes		7/23/90	KB
618	Polish Barrel KB		7/24/90	WB
620	Apply Coatings (Barrel Action)		9-6-90	JH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/10/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/10/90	KS
	C) Inspect Ejector Hole for Chamfer		8/10/90	KS
	D) Oil Firing Pin Ass'y		8/10/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9-11-90	JL