C652318

MODEL 700™ M24

Model SWS™

Action

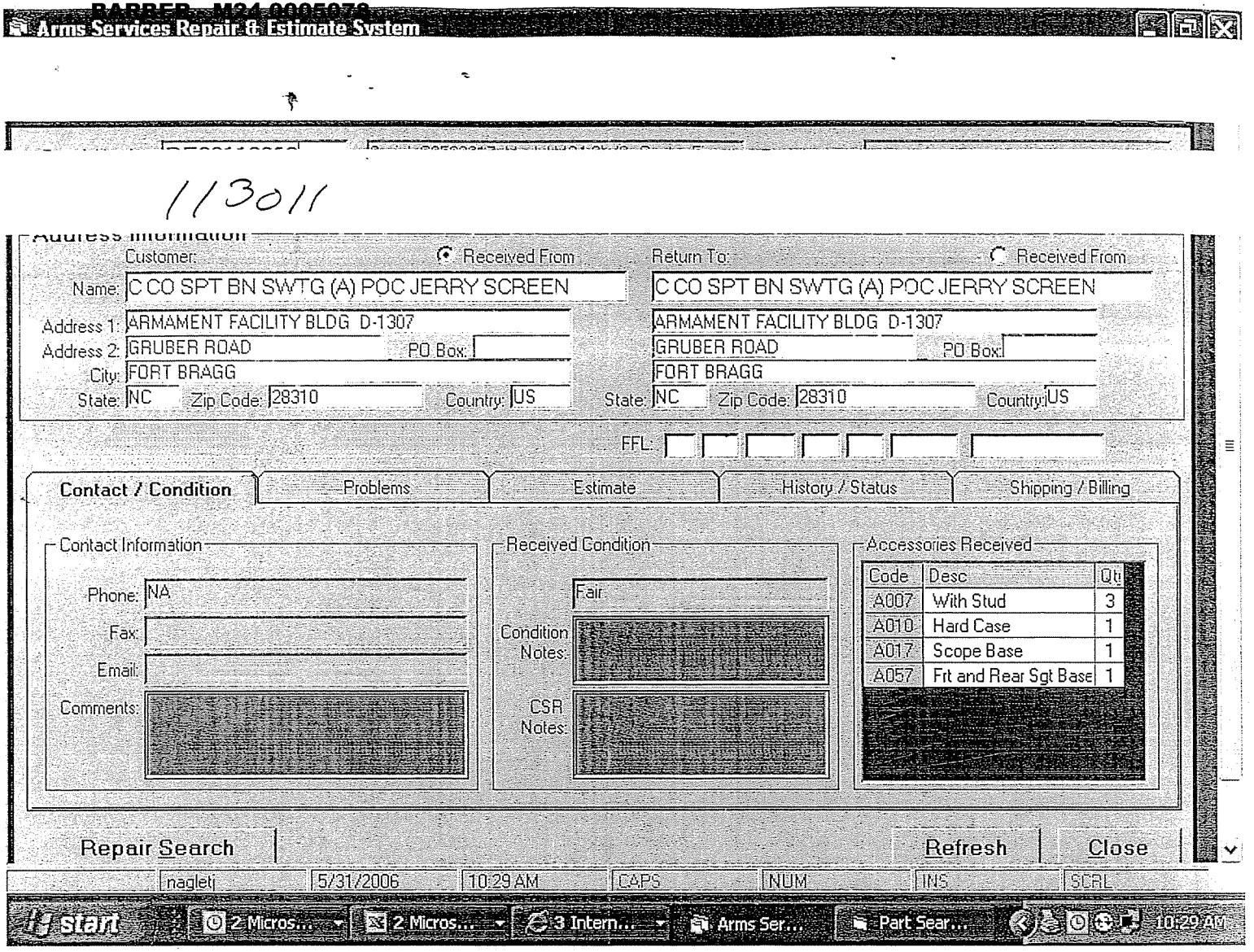
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®



Serial Number: C6522318

Model: M24 SWS

RE00113011

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522318.__0
FILE DATE AND TIME: 06/30/2006 17:47

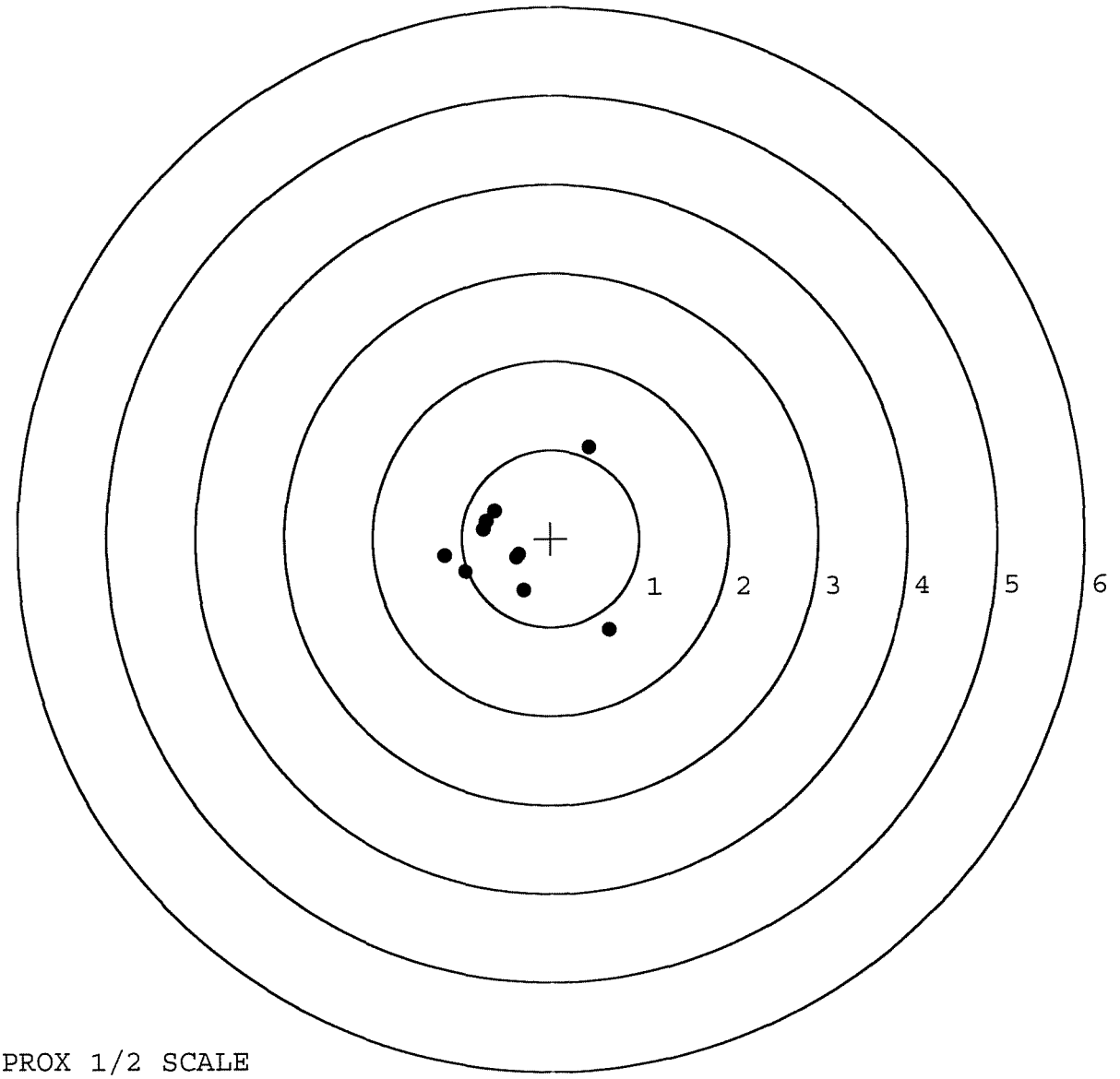
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.184
The Average Y Centroid of the Five Target Set:	0.006
The Average Point of Impact of the Five Target Set:	0.184
The Average Mean Radius of the Five Target Set:	0.668
The Distance from POA to Centroid Target #1:	0.431
The Distance from Centroid Target #2 to Centroid Target #1:	0.352
The Distance from Centroid Target #3 to Centroid Target #1:	0.641
The Distance from Centroid Target #4 to Centroid Target #1:	0.311
The Distance from Centroid Target #5 to Centroid Target #1:	0.034

SERIAL NUMBER: C6522318.__0
TARGET NUMBER: 1
FILE DATE: 06/30/2006
FILE TIME: 17:47

X CENTROID:	-0.419
Y CENTROID:	-0.102
POA TO CENTROID:	0.431
HORZ SPREAD:	1.855
VERT SPREAD:	2.071
GROUP SPREAD:	2.083
MIN RADIUS:	0.100
MAX RADIUS:	1.426
MEAN RADIUS:	0.578
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	11

POINT#	X	Y
1:	0.656	-1.039
2:	-0.309	-0.590
3:	-0.387	-0.214
4:	-0.965	-0.376
5:	-1.199	-0.195
6:	-0.755	0.107
7:	-0.631	0.319
8:	0.434	1.032
9:	-0.726	0.203
10:	-0.361	-0.184
11:	-0.361	-0.184

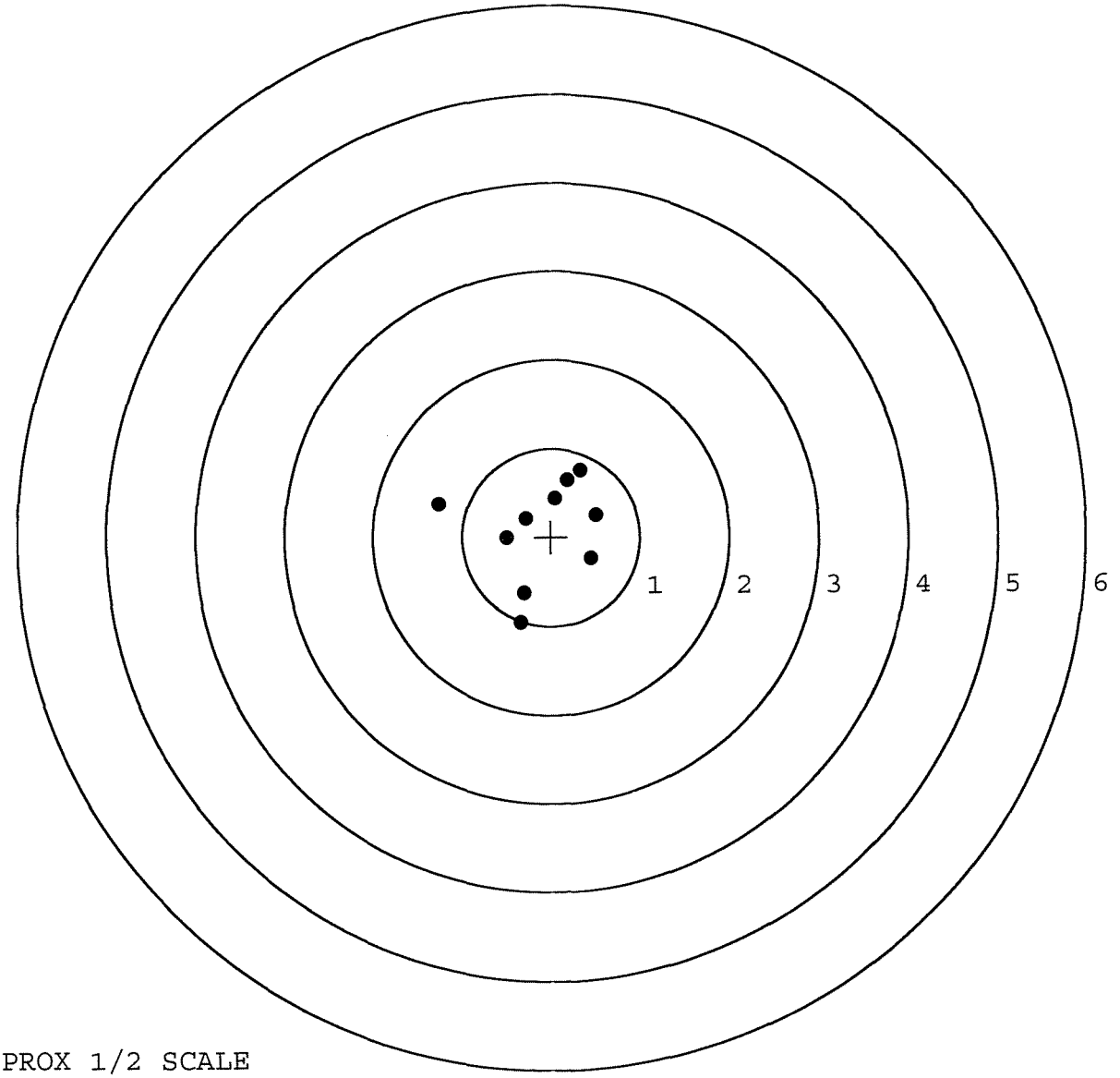


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522318.__0
TARGET NUMBER: 2
FILE DATE: 06/30/2006
FILE TIME: 17:47

X CENTROID:	-0.119
Y CENTROID:	0.082
POA TO CENTROID:	0.144
HORZ SPREAD:	1.779
VERT SPREAD:	1.718
GROUP SPREAD:	1.826
MIN RADIUS:	0.207
MAX RADIUS:	1.185
MEAN RADIUS:	0.675
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.342	-0.964
2:	-0.309	-0.640
3:	0.450	-0.245
4:	0.513	0.253
5:	0.327	0.754
6:	0.184	0.642
7:	0.043	0.437
8:	-1.266	0.378
9:	-0.503	-0.008
10:	-0.283	0.208

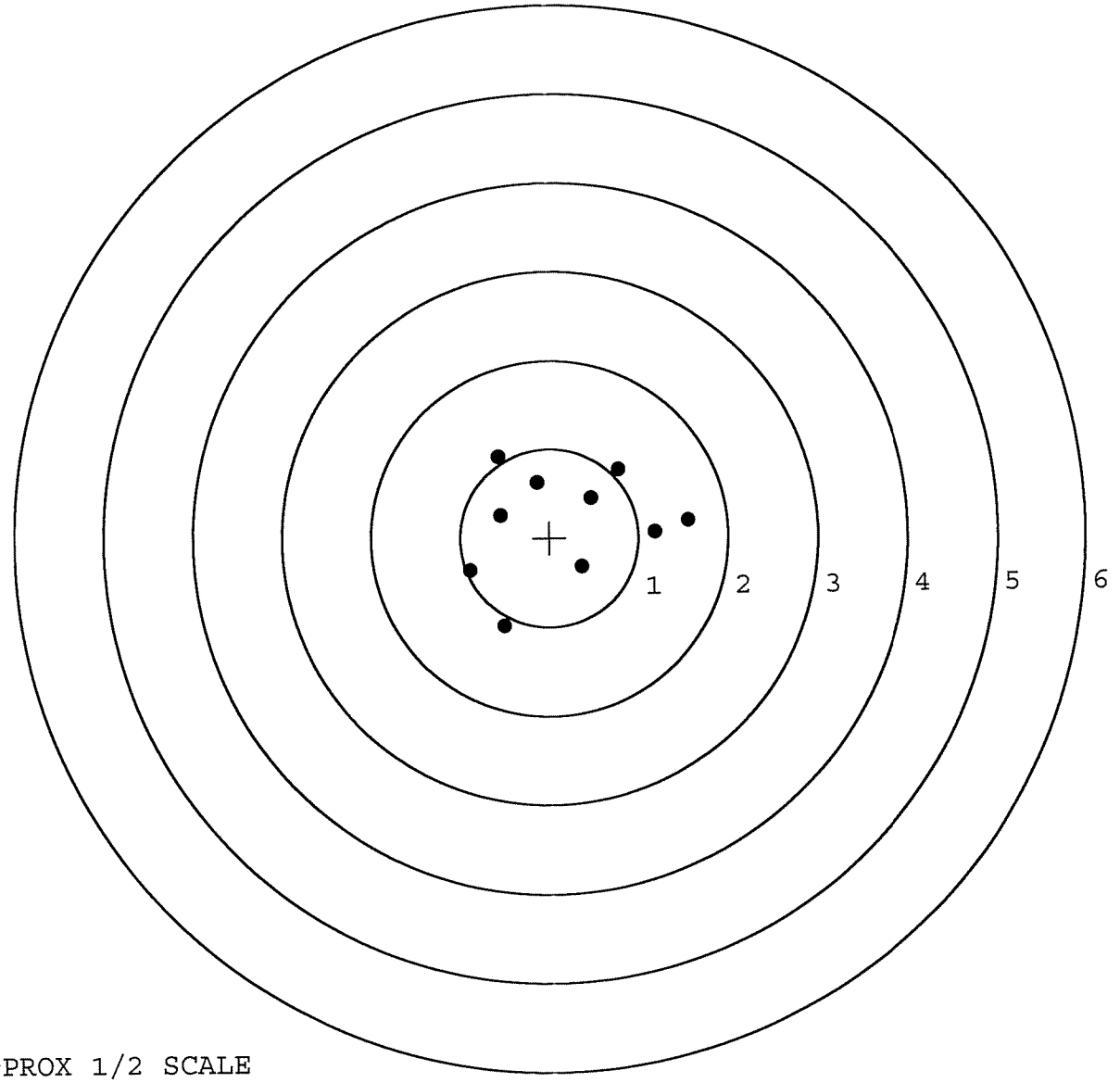


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522318.__0
TARGET NUMBER: 3
FILE DATE: 06/30/2006
FILE TIME: 17:47

X CENTROID:	0.168
Y CENTROID:	0.156
POA TO CENTROID:	0.230
HORZ SPREAD:	2.448
VERT SPREAD:	1.904
GROUP SPREAD:	2.509
MIN RADIUS:	0.413
MAX RADIUS:	1.391
MEAN RADIUS:	0.906
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.559	0.183
2:	1.181	0.060
3:	0.361	-0.332
4:	-0.517	-0.988
5:	-0.889	-0.365
6:	-0.548	0.260
7:	-0.137	0.623
8:	-0.571	0.916
9:	0.777	0.766
10:	0.467	0.441

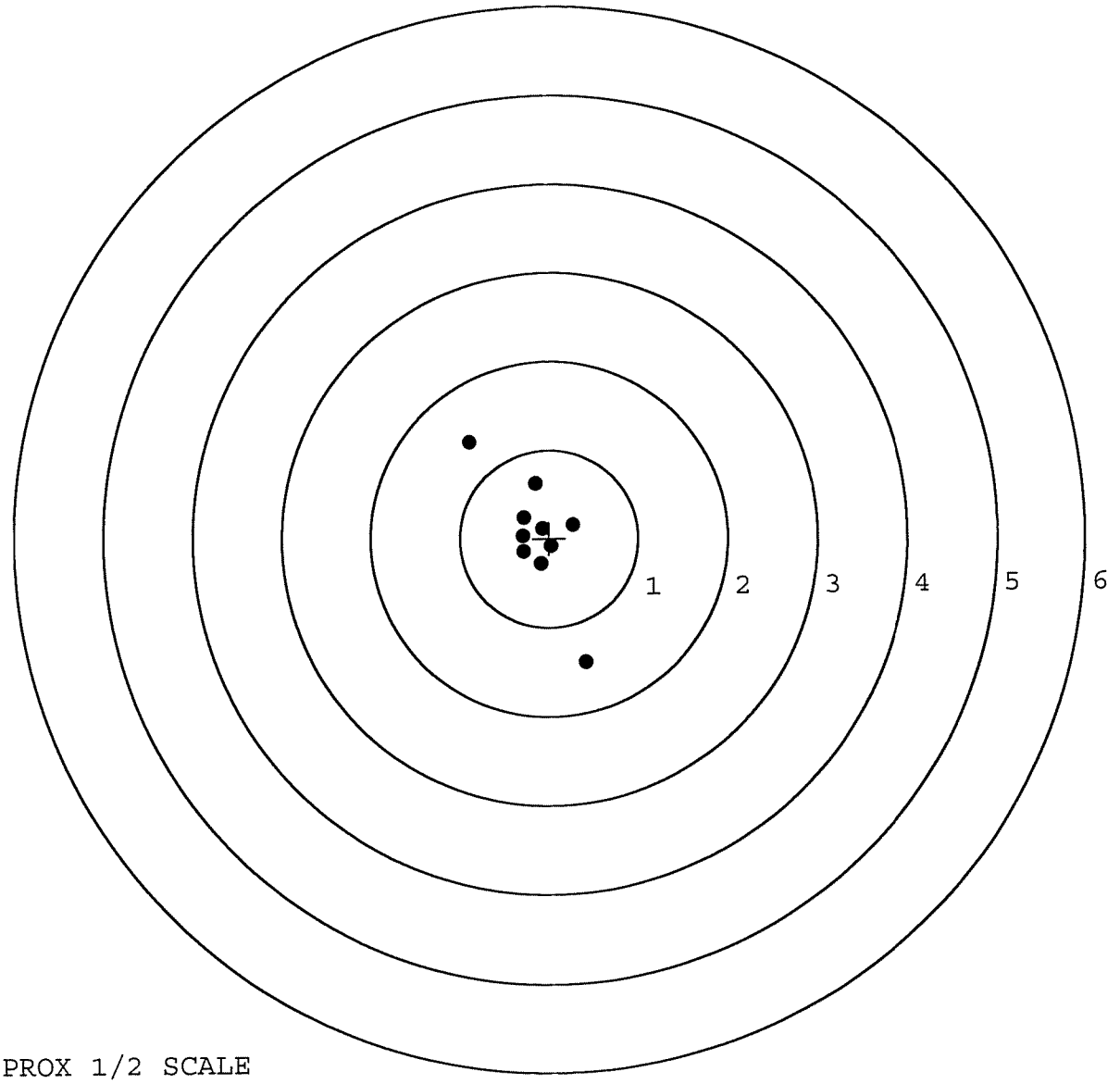


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522318.__0
TARGET NUMBER: 4
FILE DATE: 06/30/2006
FILE TIME: 17:47

X CENTROID:	-0.137
Y CENTROID:	0.032
POA TO CENTROID:	0.141
HORZ SPREAD:	1.288
VERT SPREAD:	2.495
GROUP SPREAD:	2.808
MIN RADIUS:	0.098
MAX RADIUS:	1.530
MEAN RADIUS:	0.511
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.406	-1.398
2:	-0.882	1.097
3:	-0.147	0.623
4:	0.272	0.147
5:	-0.079	0.111
6:	-0.284	0.236
7:	-0.297	0.029
8:	-0.291	-0.148
9:	-0.095	-0.288
10:	0.023	-0.087

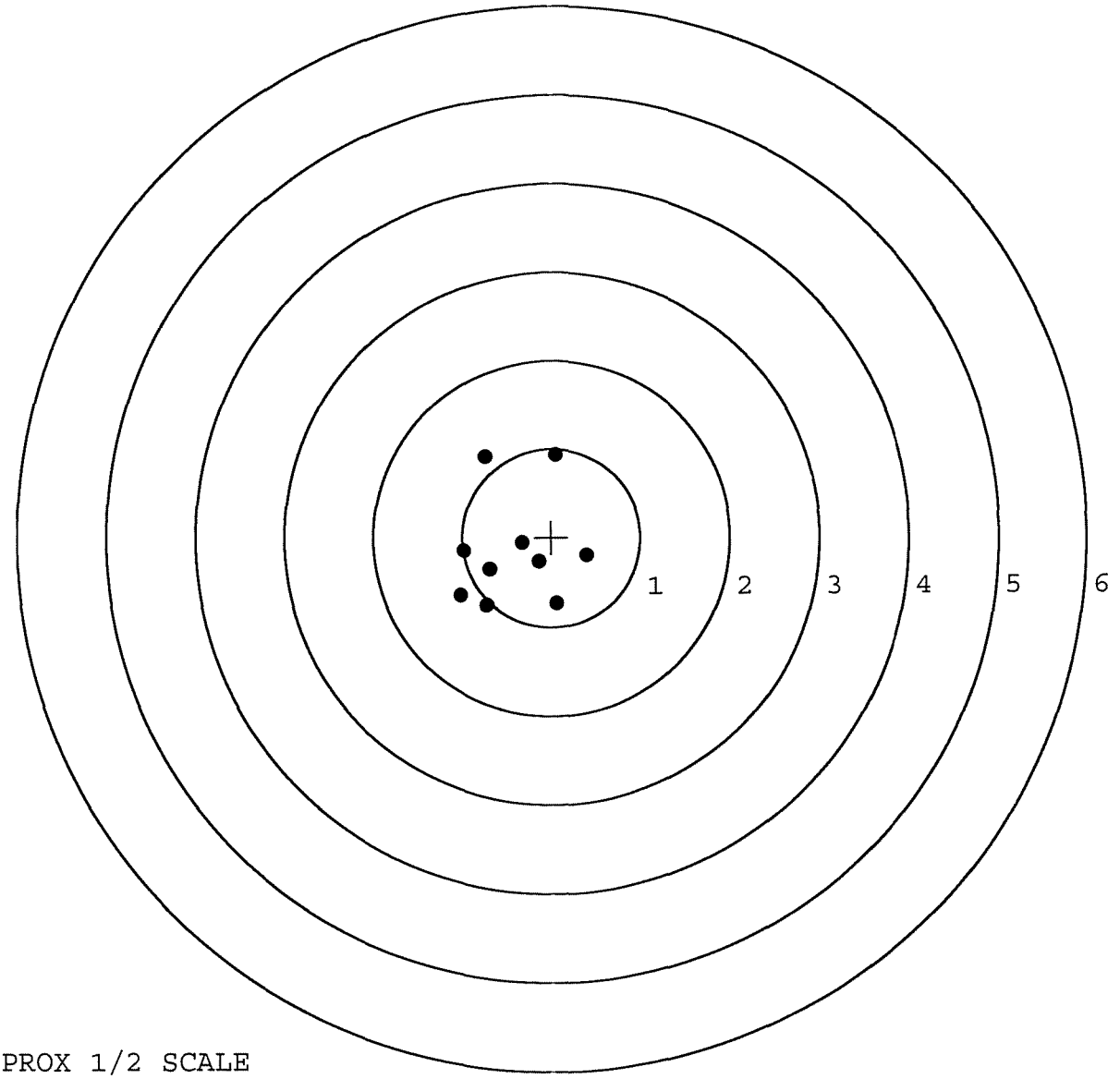


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522318.__0
TARGET NUMBER: 5
FILE DATE: 06/30/2006
FILE TIME: 17:47

X CENTROID:	-0.416
Y CENTROID:	-0.136
POA TO CENTROID:	0.437
HORZ SPREAD:	1.421
VERT SPREAD:	1.685
GROUP SPREAD:	1.907
MIN RADIUS:	0.111
MAX RADIUS:	1.160
MEAN RADIUS:	0.668
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.047	0.928
2:	-0.743	0.916
3:	0.395	-0.205
4:	0.056	-0.741
5:	-0.143	-0.279
6:	-0.333	-0.061
7:	-0.983	-0.153
8:	-0.698	-0.356
9:	-1.026	-0.649
10:	-0.728	-0.757



TARGET APPROX 1/2 SCALE

M-24

INSPECTION CHECKLIST - REPAIRS

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

R & E NUMBER	113011
SERIAL NUMBER	C6522318
LOG-IN DATE	5-30-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-16-06	RTL
505	RE-BARREL		6-20-06	RTL
420	ASSEMBLE		6-20-06	RTL
440	PROOF	MAGNA - FLUX INSPECTED JUN 23 2006	6.20.06	TRW
460	CHECK HEADSPACE		6.20.06	TRW
470	DIS-ASSEMBLE GUN		6-21-06	RTL
480	MAGNAFLUX	OPERATOR cmm	6/23/06	cmm
510	DRILL AND TAP		6.22.06	TRW
500	ROLLMARK CALIBER		6-22-06	CW
520	GOFF BLAST BBL / REC		6-23-06	LB
530 & 540	APPLY COATINGS		6/28/06	TCB
560	FINAL ASSEMBLY		6-30-06	RTL
640	FUNCTION TEST AND	(PASS) FAIL	6-30-06	MJM
650	TARGET	(PASS) FAIL	6-30-06	MJM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-6-06	AC
	A) HEADSPACE	(PASS) FAIL	7-6-06	AC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	N/A		AC
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	6 lbs 6 lbs 6 lbs		AC
	G) SAFETY OFF FORCE (2 LBS MIN)	3 lbs 3 lbs 3 lbs		AC
	I) FIRING PIN INDENT (.020)	.022 .022 .022		AC
690	PACK		7-10-06	RA

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®

DUPONT
REG. U.S. PAT. & T.M. OFF.

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

MODEL 700™ M24

SERIAL NO.
C6522318

ORDER NO.
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee. 01

5716 C6522318

UPC

0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522318
31 Aug 1990

CENTROIDAL DISTANCES

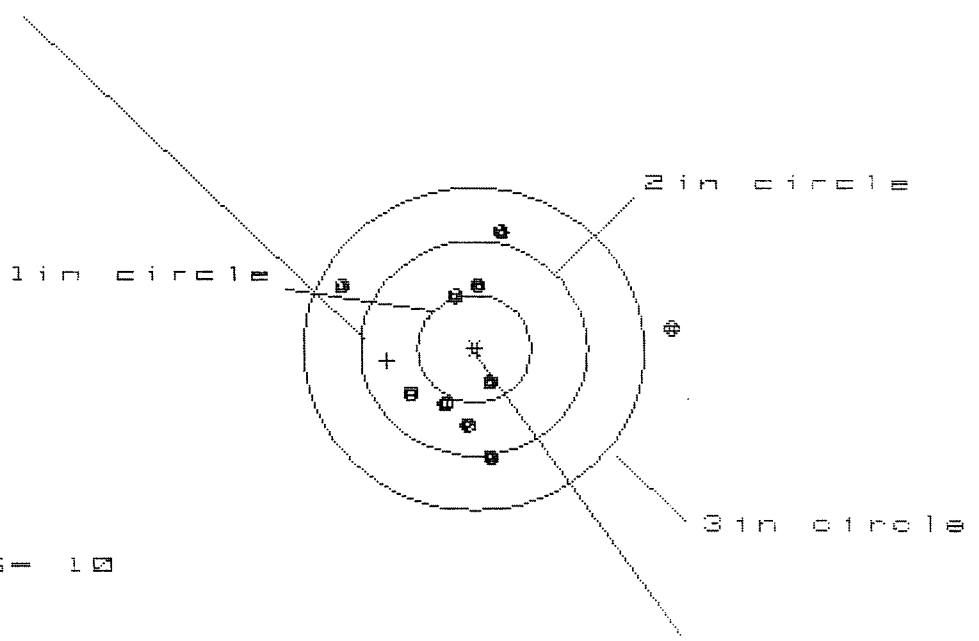
0	TO	1	.772586
1	TO	2	.179011
1	TO	3	.340414
1	TO	4	.0358469
1	TO	5	.292857

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .6566
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1514
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .673829

THE AMF FOR THIS RIFLE IS: .9496

31 Aug 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6522318

CENTERFIRE PATTERNS # 1

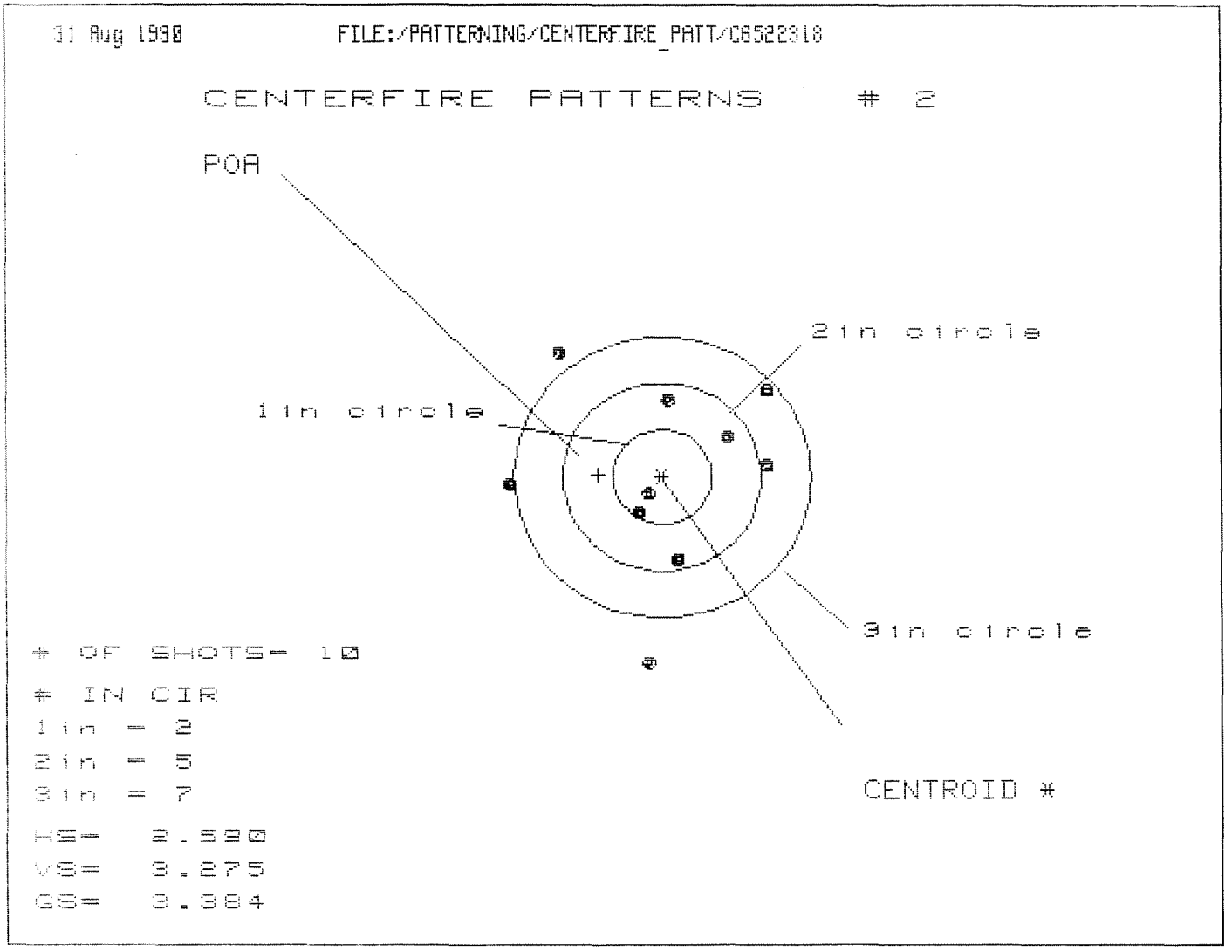


OF SHOTS= 10

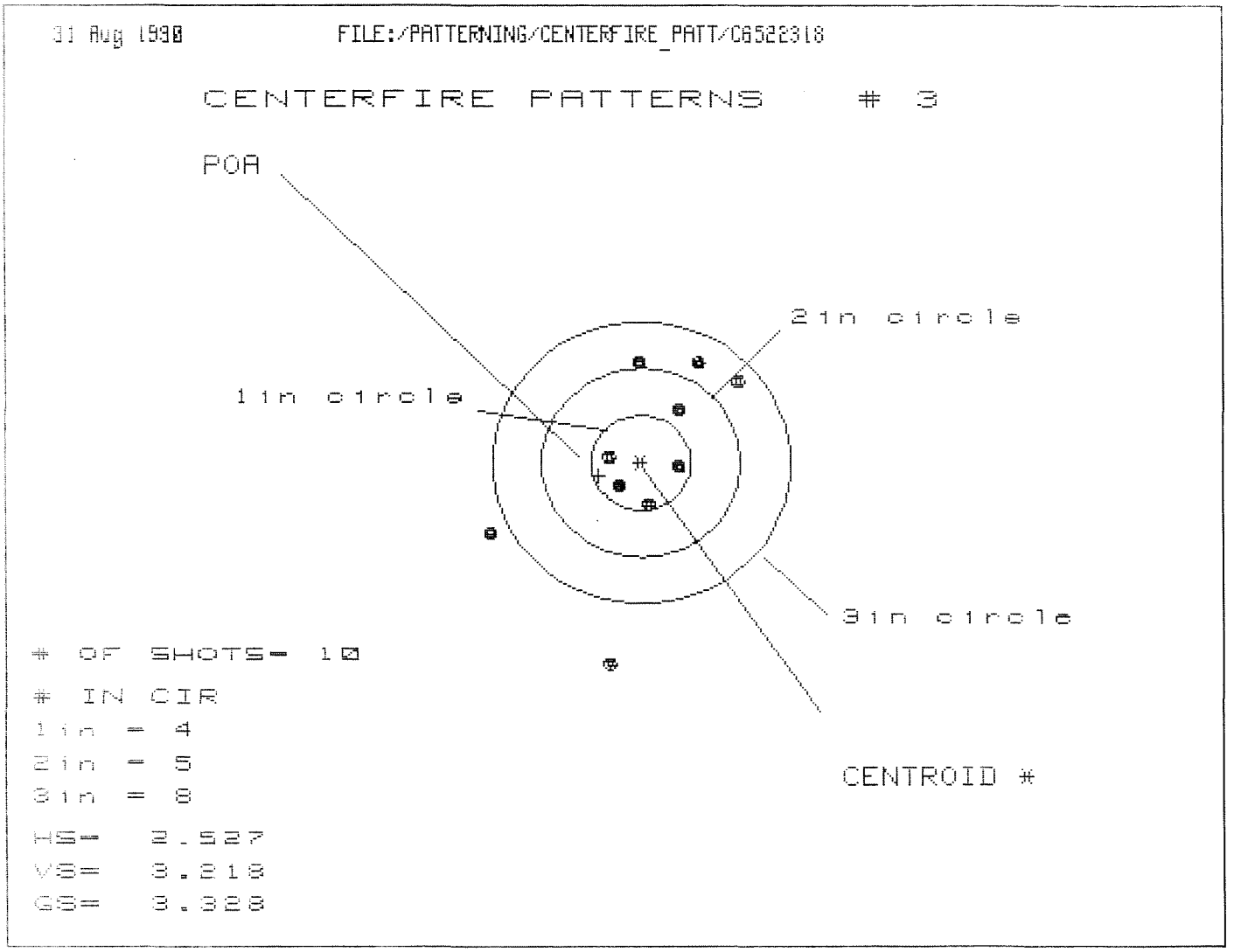
# IN CIR
1in = 1
2in = 5
3in = 9

HS= 2.916
VS= 2.095
GS= 2.946

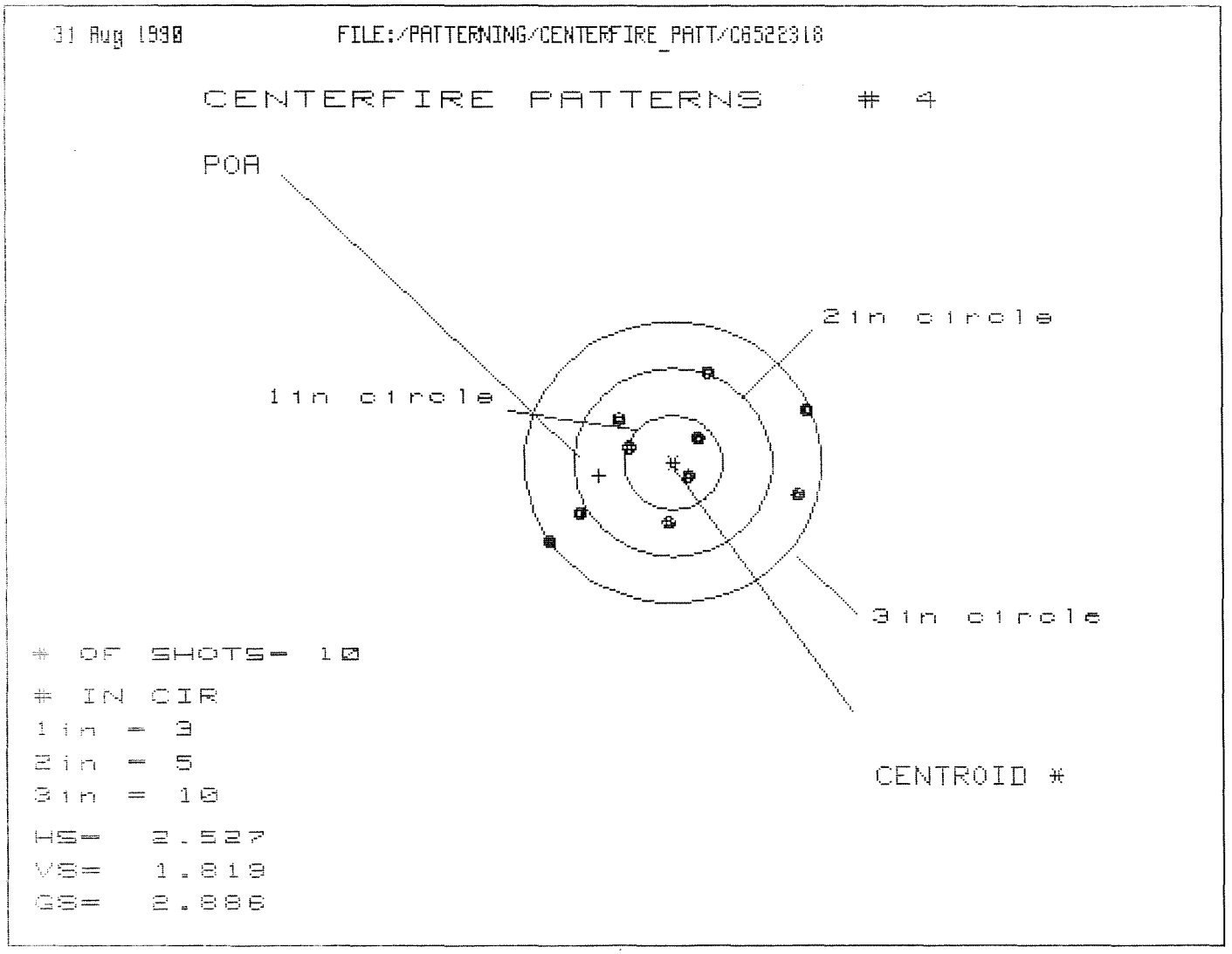
PATTERN #	:	1	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.739	.444	.321
MINIMUM X	:	-1.177	-.984	-.496
MAXIMUM Y	:	1.089	1.107	1.183
MINIMUM Y	:	-1.006	-.988	-.912
CENTROID X	:	.765	.572	.695
CENTROID Y	:	.108	.090	.014
POA TO CENTROID in.	:	.773	.579	.695
MIN RADIUS	:	.336	.445	.303
MEAN RADIUS	:	.865	.748	.679
MAX RADIUS	:	1.747	1.193	1.226
HORIZONTAL SPREAD	:	2.916	1.428	.817
VERTICAL SPREAD	:	2.095	2.095	2.095
EXTREME SPREAD	:	2.946	2.101	2.101
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



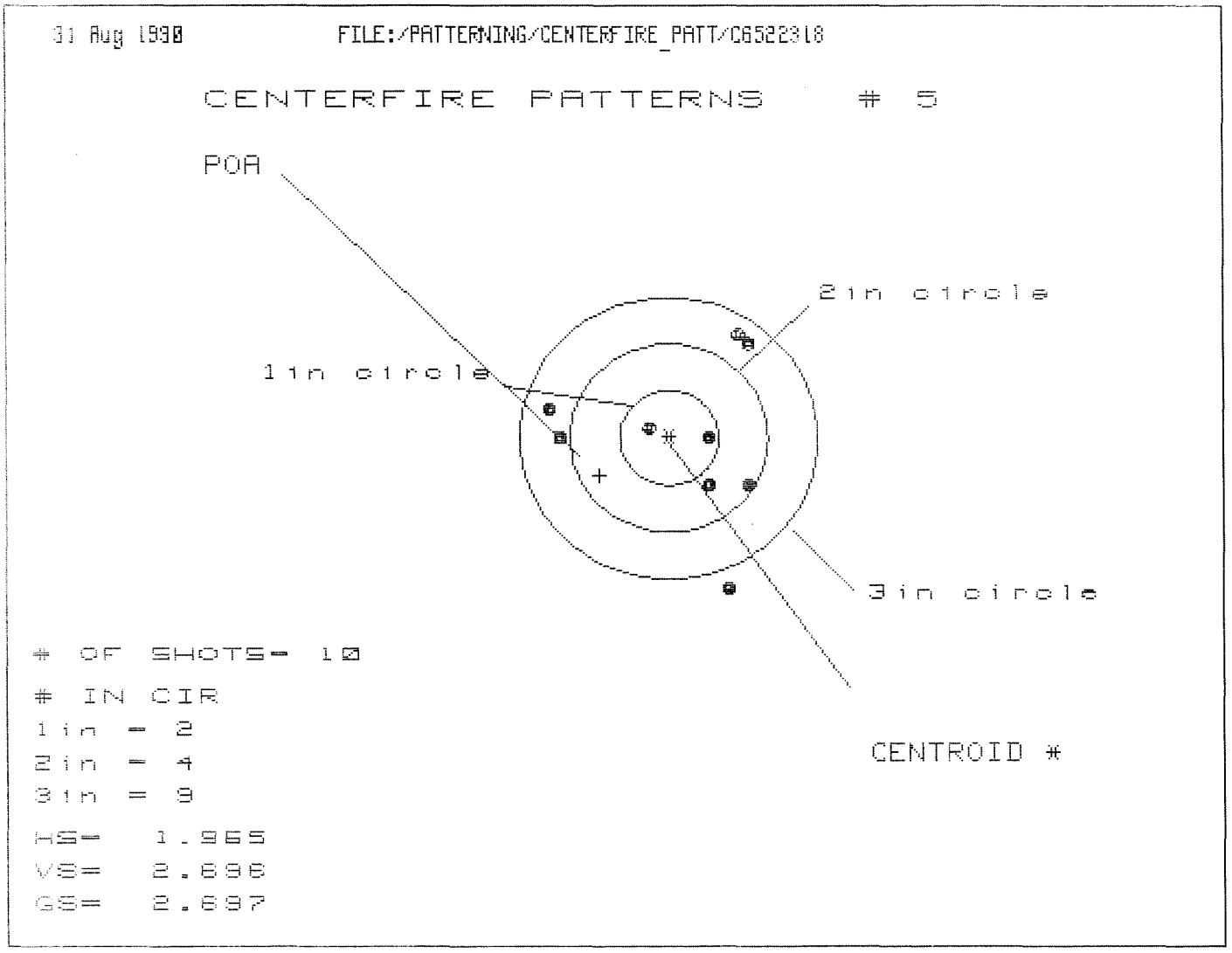
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.058	1.042	.915
MINIMUM X	:	-1.532	-1.548	-1.675
MAXIMUM Y	:	1.304	1.085	.790
MINIMUM Y	:	-1.971	-1.131	-.995
CENTROID X	:	.643	.659	.786
CENTROID Y	:	-.023	.196	.060
POA TO CENTROID in.	:	.644	.688	.788
MIN RADIUS	:	.181	.384	.339
MEAN RADIUS	:	1.077	.982	.891
MAX RADIUS	:	1.976	1.583	1.686
HORIZONTAL SPREAD	:	2.590	2.590	2.590
VERTICAL SPREAD	:	3.275	2.216	1.785
EXTREME SPREAD	:	3.384	2.770	2.770
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.014	.979	.786
MINIMUM X	:	-1.513	-1.548	-.516
MAXIMUM Y	:	1.101	.866	.745
MINIMUM Y	:	-2.117	-.974	-.764
CENTROID X	:	.426	.461	.654
CENTROID Y	:	.139	.374	.495
POA TO CENTROID in.	:	.448	.593	.821
MIN RADIUS	:	.291	.373	.205
MEAN RADIUS	:	.942	.797	.648
MAX RADIUS	:	2.140	1.829	.915
HORIZONTAL SPREAD	:	2.527	2.527	1.302
VERTICAL SPREAD	:	3.218	1.840	1.509
EXTREME SPREAD	:	3.328	2.972	1.637
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.323	1.190	1.243
MINIMUM X	:	-1.204	-1.116	-.968
MAXIMUM Y	:	.987	.895	.953
MINIMUM Y	:	-.832	-.729	-.671
CENTROID X	:	.747	.880	.732
CENTROID Y	:	.139	.231	.173
POA TO CENTROID in.	:	.760	.910	.752
MIN RADIUS	:	.163	.214	.198
MEAN RADIUS	:	.868	.798	.721
MAX RADIUS	:	1.463	1.279	1.292
HORIZONTAL SPREAD	:	2.527	2.306	2.211
VERTICAL SPREAD	:	1.819	1.624	1.624
EXTREME SPREAD	:	2.886	2.538	2.218
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.775	.845	.927
MINIMUM X	:	-1.190	-1.120	-1.014
MAXIMUM Y	:	1.080	.901	1.009
MINIMUM Y	:	-1.616	-.695	-.587
CENTROID X	:	.702	.632	.526
CENTROID Y	:	.394	.573	.465
POA TO CENTROID in.	:	.805	.853	.702
MIN RADIUS	:	.226	.159	.038
MEAN RADIUS	:	.996	.910	.847
MAX RADIUS	:	1.733	1.212	1.344
HORIZONTAL SPREAD	:	1.965	1.965	1.941
VERTICAL SPREAD	:	2.696	1.596	1.596
EXTREME SPREAD	:	2.697	2.185	2.146
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
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. C6522318
DATE 8/29/90
TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.33	2.23	2.04	MIN. SETTING,
PULL #2	2.32	2.23	2.26	2.06	NO AVG. OF 5
PULL #3	2.32	2.31	2.31	2.10	READINGS ACCEPT-
PULL #4	2.30	2.25	2.33	2.14	ABLE LESS THAN 2#
PULL #5	2.28	2.28	2.20	2.20	
TOTAL	11.53	11.40	11.33	10.54	
AVG.	2.306	2.28	2.266	2.108	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.24		
PULL #2	3.16	3.36		
PULL #3	3.17	3.37		
PULL #4	3.39	3.50		
PULL #5	3.45	3.32		
TOTAL	16.33	16.79		
AVG.	3.266	3.358		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.11		4.29
PULL #2	4.20	4.26		4.21
PULL #3	4.10	4.34		4.31
PULL #4	4.22	4.17		4.24
PULL #5	4.28	4.35		4.38
TOTAL	21.16	21.28		21.43
AVG.	4.232	4.256		4.286

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522318

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 2	90	RW
600	Proof	8 2	90	RW
607	Check Headspace	8 2	90	RW
610	Dis-assemble Gun	8 2	90	RW
612	Magnaflux Barrel Action		8/7/90	KR
	Magnaflux Bolt		8/7/90	KR
615	Rollmark Caliber		8/7/90	LS
617	Drill and Tap Sight Holes		8/10/90	FB
618	Polish Barrel RB		8/14/90	WB
620	Apply Coatings (Barrel Action)		8-22-90	TJ
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/24/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/24/90	RW
	C) Inspect Ejector Hole for Chamfer		8/24/90	RW
	D) Oil Firing Pin Ass'y		8/24/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/29/90	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/29/90	CWB
	G) Safety Off Force	3	3	3			8/29/90	CWB
	H) Trigger Pull Test & Retainability						8/29/90	DH
	I) Firing Pin Indent	.024	.0235	.0235			8/29/90	CWB
	J) Assemble Stock						8/30/90	RW
	K) Assemble Swivel Studs						9/5/90	DS
	L) Attach Front and Rear Sight Assemblies						8/30/90	RW
	M) Iron Sight Alignment						8/30/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/30/90	RW
	O) Attach Scope to Rifle						8/30/90	RW
	P) Detach & Attach Scope 20 Times						8/30/90	RW
640	Gallery Target & Test						8.31.90	DH
	A) Time						8.31.90	DH
	B) Malfunctions						8.31.90	DH
	C) Pierced Primers						8.31.90	DH
	D) Optical Clearity of Scope						8.31.90	DH
645	Inspect for Live Ammo						8.31.90	DH
655	Final Inspection A) Headspace						9/5/90	DS
	B) Trigger Pull	2.04	2.06	2.10	2.14	2.20	9-4-90	DH
	C) Function						9/5/90	DS
660	Pack						9-18-90	DH