C6611379

MODEL 700™ M24

Model SWS™

Action

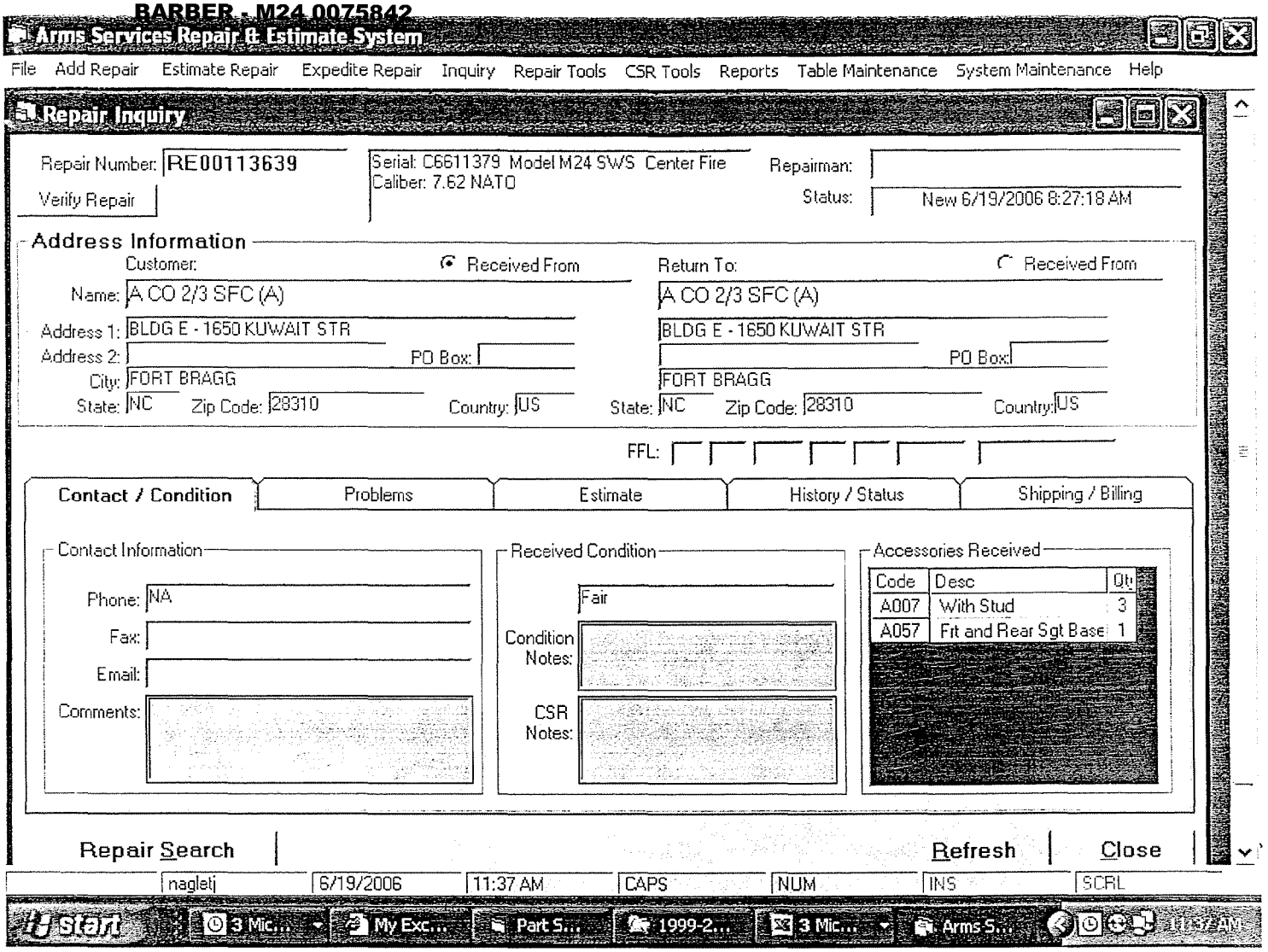
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



Serial Number: C6611379

Model: M24 SWS

RE00113639

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611379.__0
FILE DATE AND TIME: 06/28/2006 17:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.128
The Average Y Centroid of the Five Target Set:	-0.018
The Average Point of Impact of the Five Target Set:	0.130
The Average Mean Radius of the Five Target Set:	0.648
The Distance from POA to Centroid Target #1:	0.192
The Distance from Centroid Target #2 to Centroid Target #1:	0.080
The Distance from Centroid Target #3 to Centroid Target #1:	0.215
The Distance from Centroid Target #4 to Centroid Target #1:	0.100
The Distance from Centroid Target #5 to Centroid Target #1:	0.085

SERIAL NUMBER: C6611379.__0
TARGET NUMBER: 2
FILE DATE: 06/28/2006
FILE TIME: 17:40

X CENTROID:	-0.112
Y CENTROID:	-0.113
POA TO CENTROID:	0.159
HORZ SPREAD:	1.207
VERT SPREAD:	1.922
GROUP SPREAD:	2.068
MIN RADIUS:	0.293
MAX RADIUS:	1.119
MEAN RADIUS:	0.594
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.131	0.979
2:	0.200	0.534
3:	-0.270	0.156
4:	-0.841	0.017
5:	-0.633	-0.943
6:	-0.349	-0.522
7:	-0.090	-0.405
8:	0.186	-0.081
9:	0.180	-0.294
10:	0.366	-0.573

RGET NUMBER: 1
FILE DATE: 06/28/2006
FILE TIME: 17:40

X CENTROID:	0.179
Y CENTROID:	-0.069
POA TO CENTROID:	0.192
HORZ SPREAD:	1.853
VERT SPREAD:	1.921
GROUP SPREAD:	2.153
MIN RADIUS:	0.178
MAX RADIUS:	1.207
MEAN RADIUS:	0.678
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

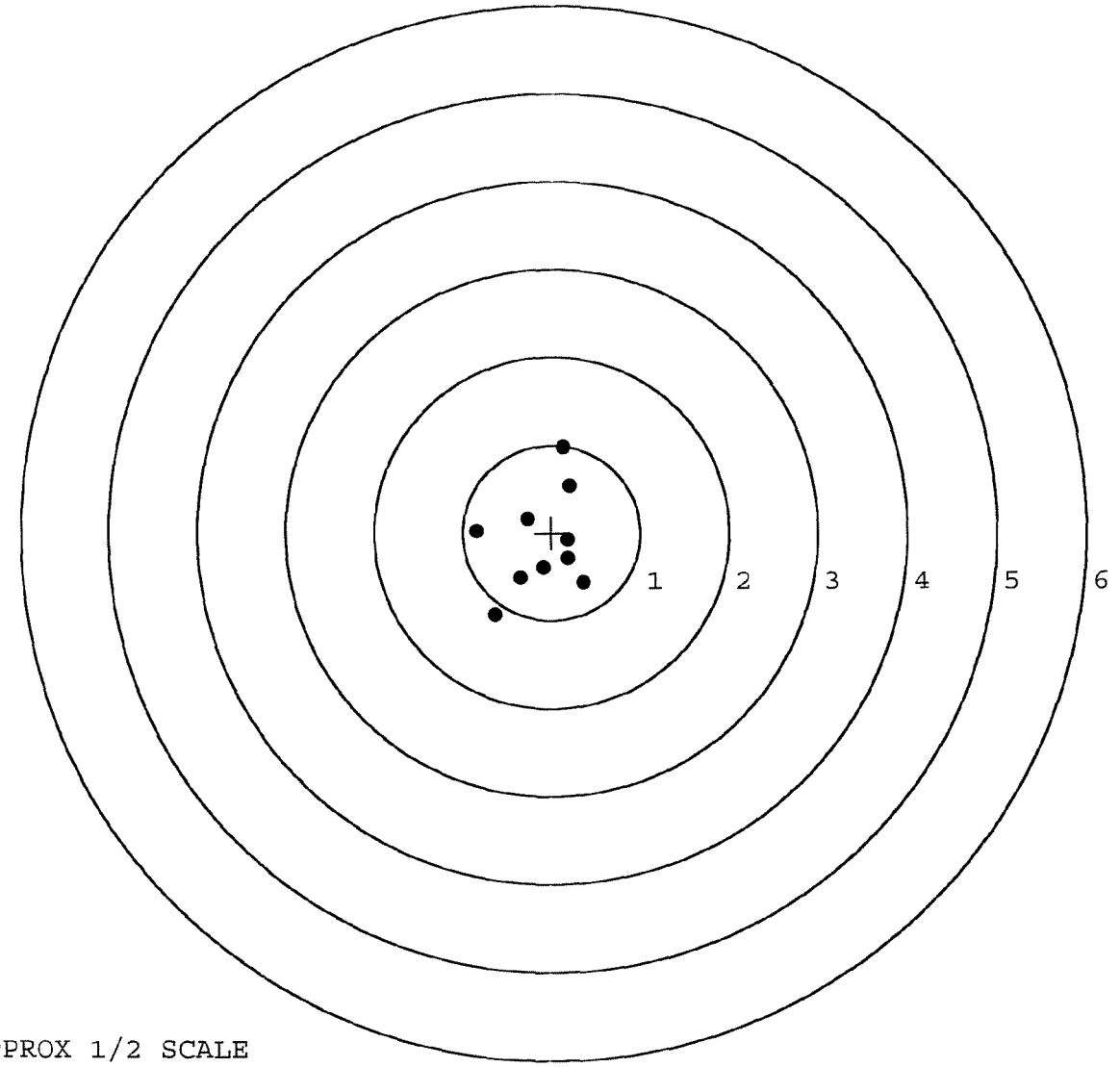
POINT#	X	Y
1:	0.382	0.947
2:	1.234	0.122
3:	0.651	0.466
4:	-0.545	0.234
5:	-0.462	-0.044
6:	-0.064	0.067
7:	-0.112	-0.448
8:	-0.141	-0.718
9:	0.419	-0.342
10:	0.619	-0.974

TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611379.__0
TARGET NUMBER: 2
FILE DATE: 06/28/2006
FILE TIME: 17:40

X CENTROID:	-0.112
Y CENTROID:	-0.113
POA TO CENTROID:	0.159
HORZ SPREAD:	1.207
VERT SPREAD:	1.922
GROUP SPREAD:	2.068
MIN RADIUS:	0.293
MAX RADIUS:	1.119
MEAN RADIUS:	0.594
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.131	0.979
2:	0.200	0.534
3:	-0.270	0.156
4:	-0.841	0.017
5:	-0.633	-0.943
6:	-0.349	-0.522
7:	-0.090	-0.405
8:	0.186	-0.081
9:	0.180	-0.294
10:	0.366	-0.573

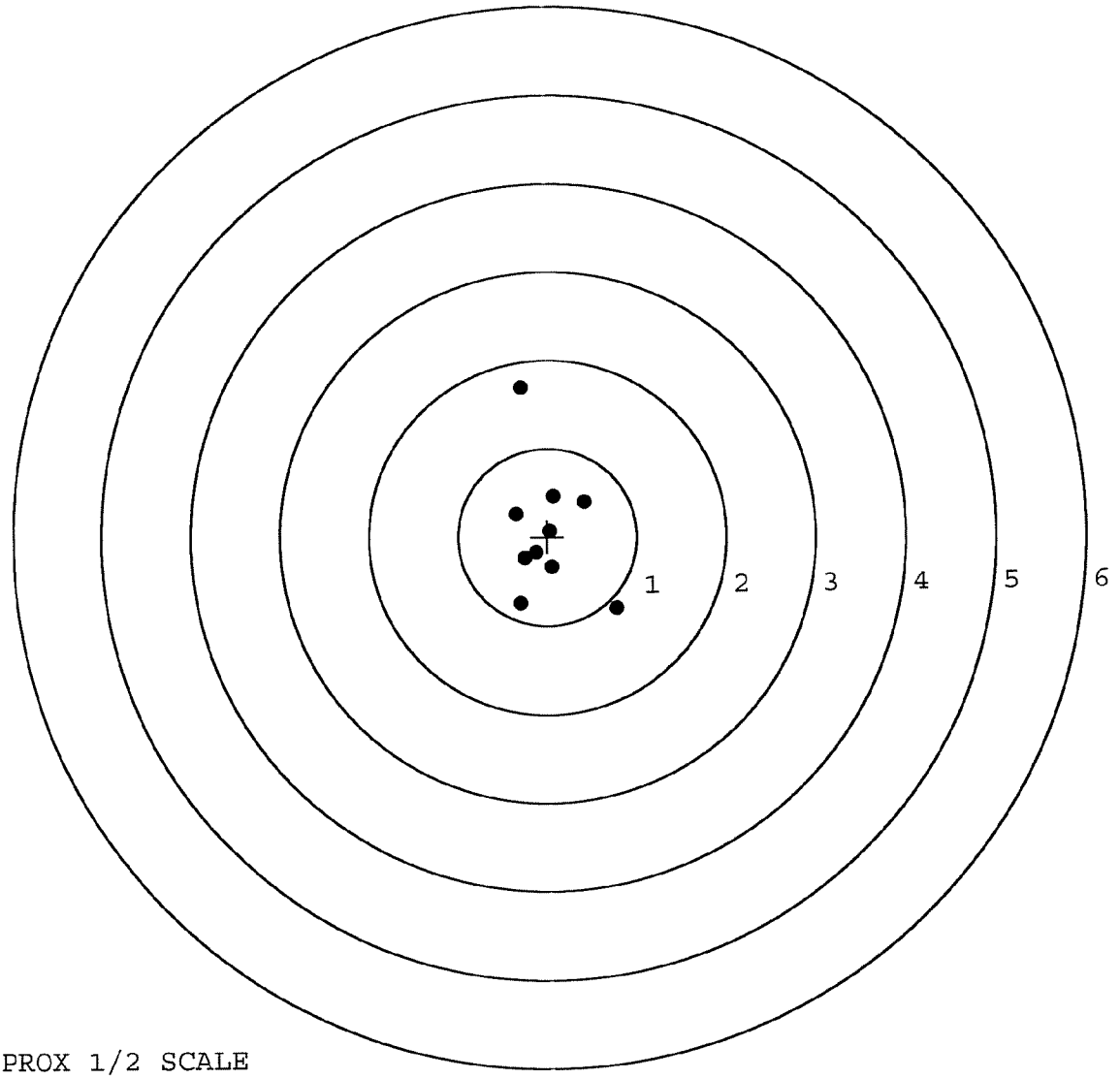


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611379.__0
TARGET NUMBER: 3
FILE DATE: 06/28/2006
FILE TIME: 17:40

X CENTROID:	0.000
Y CENTROID:	0.050
POA TO CENTROID:	0.050
HORZ SPREAD:	1.122
VERT SPREAD:	2.505
GROUP SPREAD:	2.721
MIN RADIUS:	0.035
MAX RADIUS:	1.665
MEAN RADIUS:	0.615
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.293	1.689
2:	0.073	0.456
3:	0.414	0.389
4:	-0.352	0.259
5:	0.033	0.062
6:	-0.257	-0.251
7:	0.053	-0.347
8:	-0.311	-0.757
9:	0.770	-0.816
10:	-0.128	-0.186

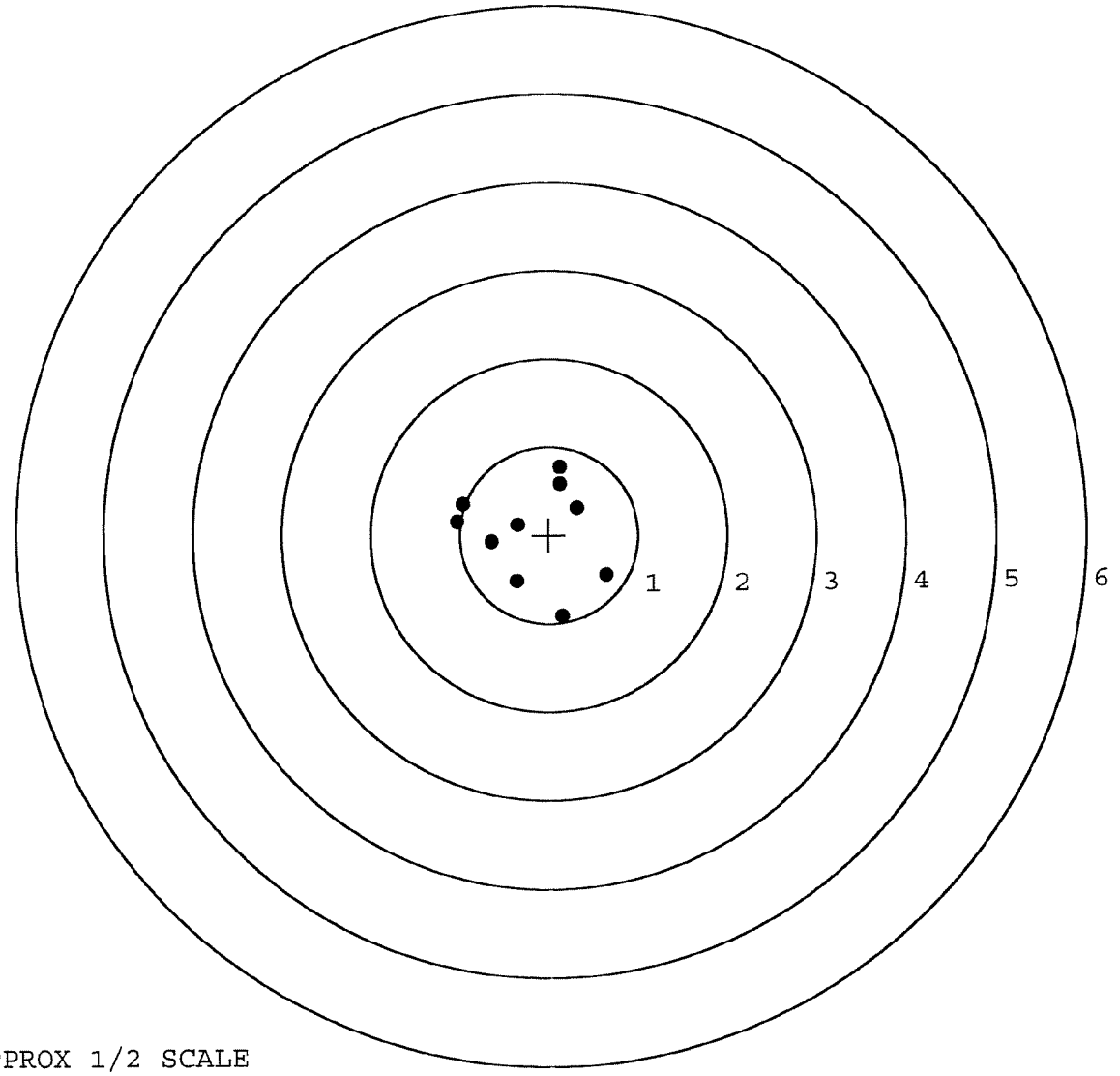


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611379.__0
TARGET NUMBER: 4
FILE DATE: 06/28/2006
FILE TIME: 17:40

X CENTROID:	-0.197
Y CENTROID:	0.030
POA TO CENTROID:	0.199
HORZ SPREAD:	1.674
VERT SPREAD:	1.692
GROUP SPREAD:	1.692
MIN RADIUS:	0.174
MAX RADIUS:	1.012
MEAN RADIUS:	0.690
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.960	0.352
2:	-1.030	0.159
3:	-0.645	-0.079
4:	-0.349	0.114
5:	-0.360	-0.521
6:	0.151	-0.921
7:	0.644	-0.460
8:	0.319	0.305
9:	0.131	0.577
10:	0.131	0.771

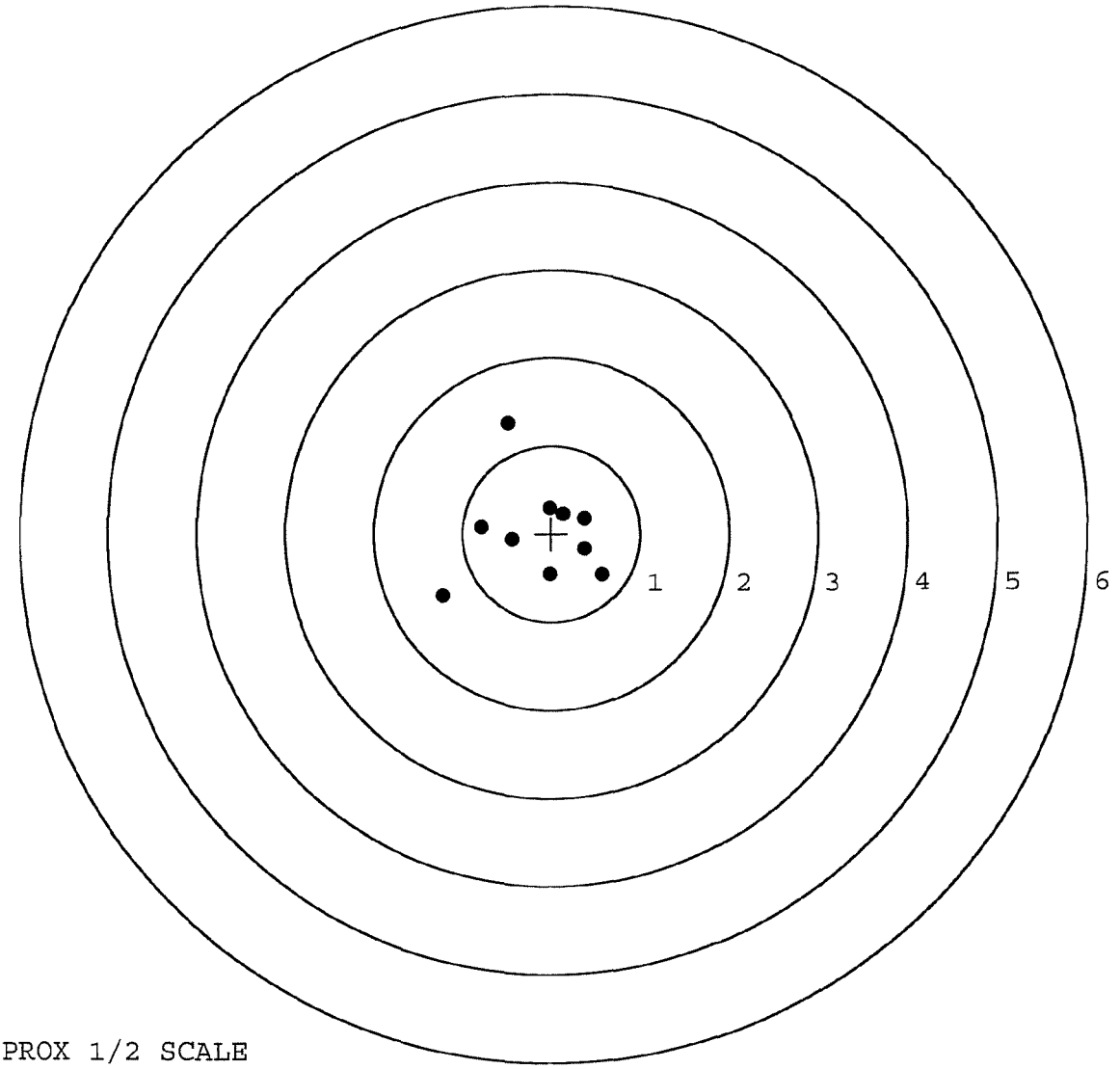


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611379.__0
TARGET NUMBER: 5
FILE DATE: 06/28/2006
FILE TIME: 17:40

X CENTROID:	-0.154
Y CENTROID:	0.013
POA TO CENTROID:	0.155
HORZ SPREAD:	1.792
VERT SPREAD:	1.971
GROUP SPREAD:	2.103
MIN RADIUS:	0.301
MAX RADIUS:	1.292
MEAN RADIUS:	0.665
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.491	1.260
2:	-1.224	-0.711
3:	-0.786	0.067
4:	-0.444	-0.069
5:	-0.014	-0.462
6:	-0.021	0.288
7:	0.130	0.226
8:	0.368	0.171
9:	0.374	-0.177
10:	0.568	-0.467



TARGET APPROX 1/2 SCALE

M-24

INSPECTION CHECKLIST - REPAIRS

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

R & E NUMBER	113639
SERIAL NUMBER	C6611379
LOG-IN DATE	6-19-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-21-06	RTC
505	RE-BARREL		6-22-06	RTC
420	ASSEMBLE		6-22-06	RTC
440	PROOF	MAGNA-FLUX INSPECTED JUN 23 2006	6-23-06	TRW
460	CHECK HEADSPACE		6-23-06	TRW
470	DIS-ASSEMBLE GUN		6-23-06	RTC
480	MAGNAFLUX	NONDESTRUCTIVE Unit	6/23/06	Unit
510	DRILL AND TAP		6-23-06	TRW
500	ROLLMARK CALIBER		6-23-06	CW
520	GOFF BLAST BBL / REC		6-23-06	LB
530 & 540	APPLY COATINGS		6/26/06	TB
560	FINAL ASSEMBLY		6-27-06	RTC
640	FUNCTION TEST AND	(PASS) FAIL	6-28-06	L.P.D.
650	TARGET	(PASS) FAIL	6-28-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		6-30-06	AC
	A) HEADSPACE	(PASS) FAIL	6-30-06	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)	5 lbs 5 lbs 5 lbs		AC
	G) SAFETY OFF FORCE (2 LBS MIN)	4 lbs 4 lbs 4 lbs		AC
	I) FIRING PIN INDENT (.020)	.021 .021 .021		AC
690	PACK		7-7-06	AC

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

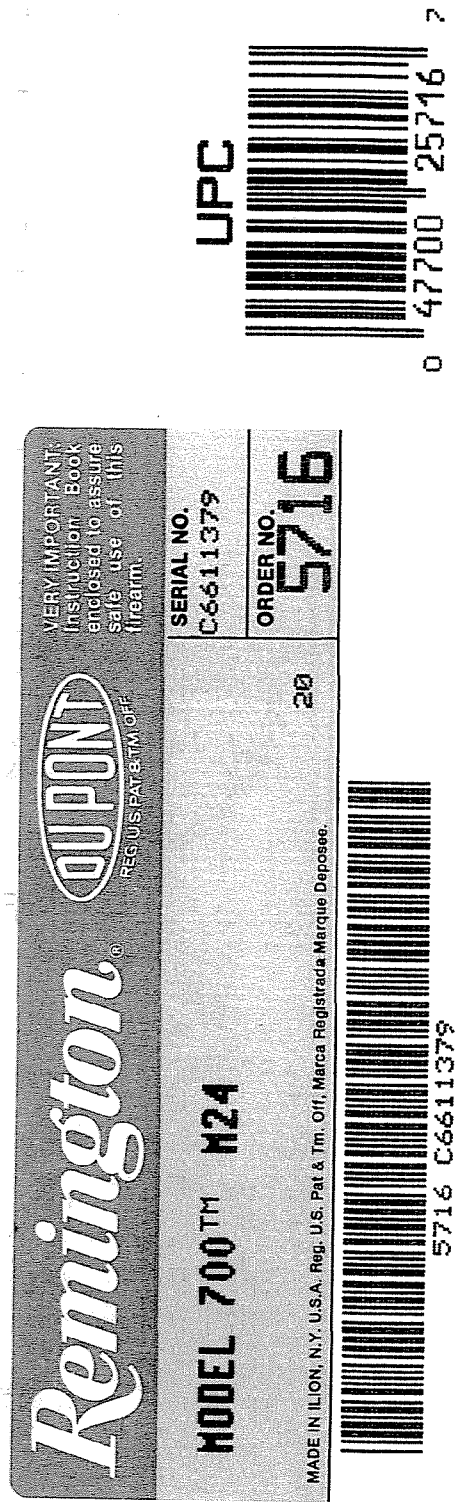
TRIGGER ASSEMBLY

_____ SAFETY OPERATION

_____ RE-SET TO FACTORY SPECS

COMMENTS: _____

F006 REV 5/2006


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24
SERIAL NO. C6611379
ORDER NO. 5716
20
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.
5716 C6611379
UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GEM

GUN SERIAL # C6611379

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1 25 91	RW
600	Proof		1 25 91	RW
607	Check Headspace	1 25	91	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		25 91	KR
	Magnaflux Bolt	1 25	91	KR
615	Rollmark Caliber	1 25	91	DS
617	Drill and Tap Sight Holes	1 30	91	MB
618	Polish Barrel MBB	1 30	91	MB
620	Apply Coatings (Barrel Action)		2-10-91	DS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/12/91	DS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/16/91	WB
	G) Safety Off Force	4	4	4			2/16/91	WB
	H) Trigger Pull Test & Retainability						2/16/91	
	I) Firing Pin Indent	.021	.0203	.0205			2/16/91	WB
	J) Assemble Stock						2/16/91	RW
	K) Assemble Swivel Studs						2-25-91	
	L) Attach Front and Rear Sight Assemblies						2/16/91	RW
	M) Iron Sight Alignment						2/16/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/16/91	RW
	O) Attach Scope to Rifle						2/16/91	RW
	P) Detach & Attach Scope 20 Times						2/16/91	RW
640	Gallery Target & Test						2-18-91	
	A) Time						"	
	B) Malfunctions						"	
	C) Pierced Primers						"	
	D) Optical Clearity of Scope						"	
645	Inspect for Live Ammo						2-18-91	
655	Final Inspection A) Headspace						2-25-91	
	B) Trigger Pull	2.48	2.48	2.48	2.42	2.28	2/21/91	JC
	C) Function						2-25-91	
660	Pack						3/14/91	WB

DISTANCE CALCULATIONS
RIFLE # C6611379
eb 1991

CENTROIDAL DISTANCES

0	TO	1	.130969
1	TO	2	.0576975
1	TO	3	.451116
1	TO	4	.498663
1	TO	5	.197223

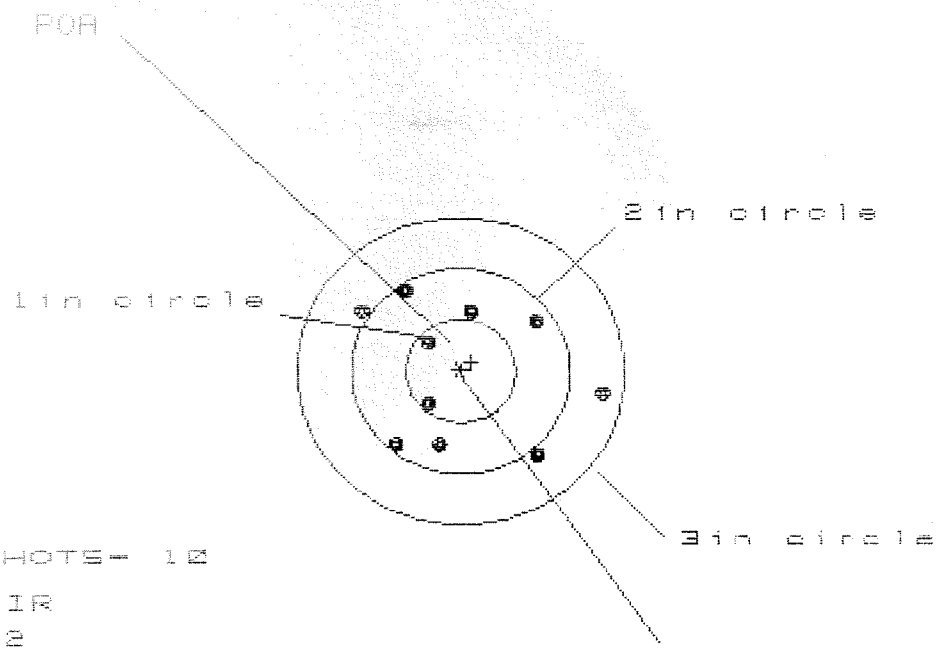
$\frac{4}{3}$ <----POA

COORDINATE FOR THIS RIFLE IS: .0522
COORDINATE FOR THIS RIFLE IS: -.0846
ERAGE POI RADIUS FOR THIS RIFLE IS: .0994082

RIFLE IS: .8948

18 Feb 1994 FILE:/PATTERNING/CENTERFIRE_PATT/C6B11373

CENTERFIRE PATTERNS # 1

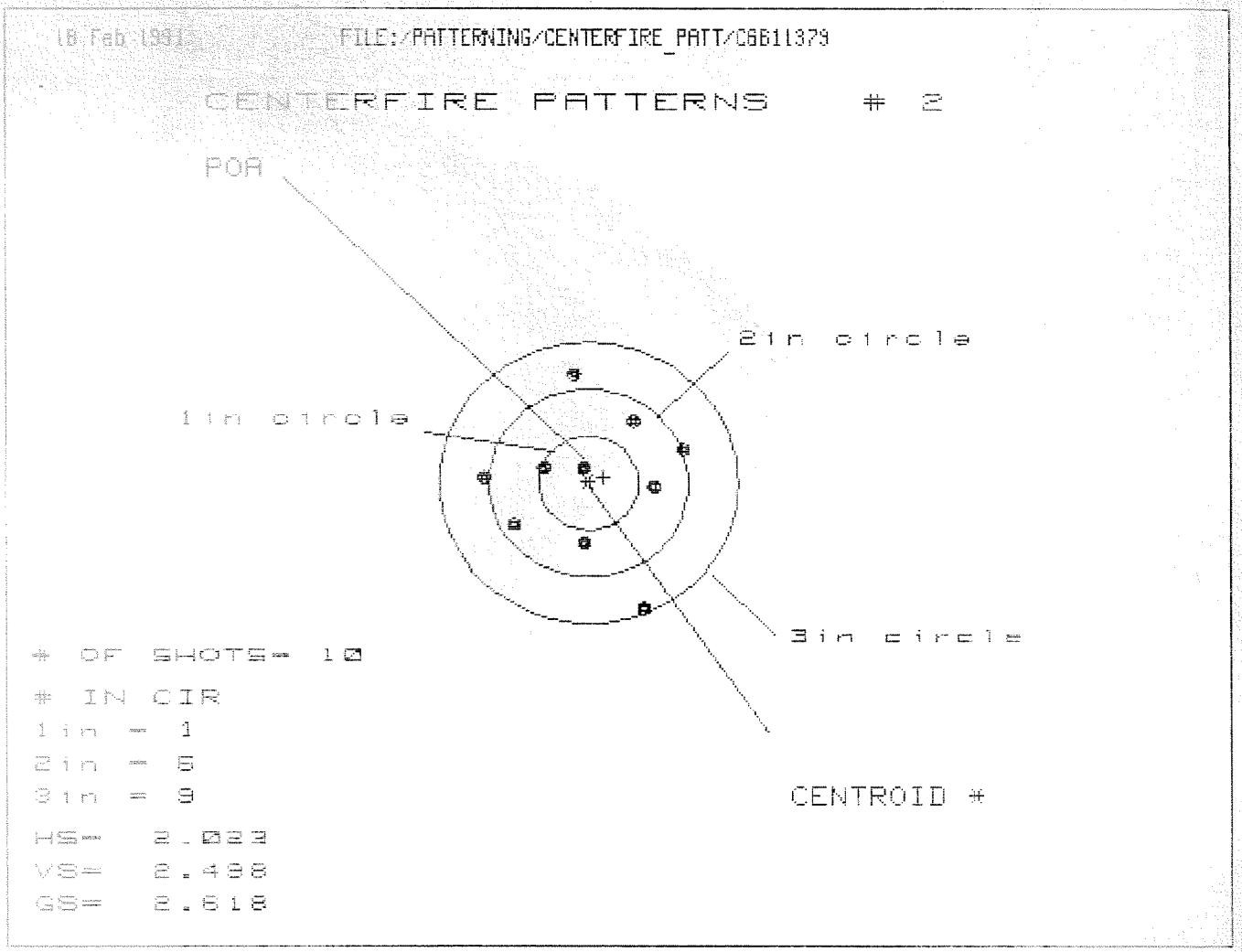


OF SHOTS= 10

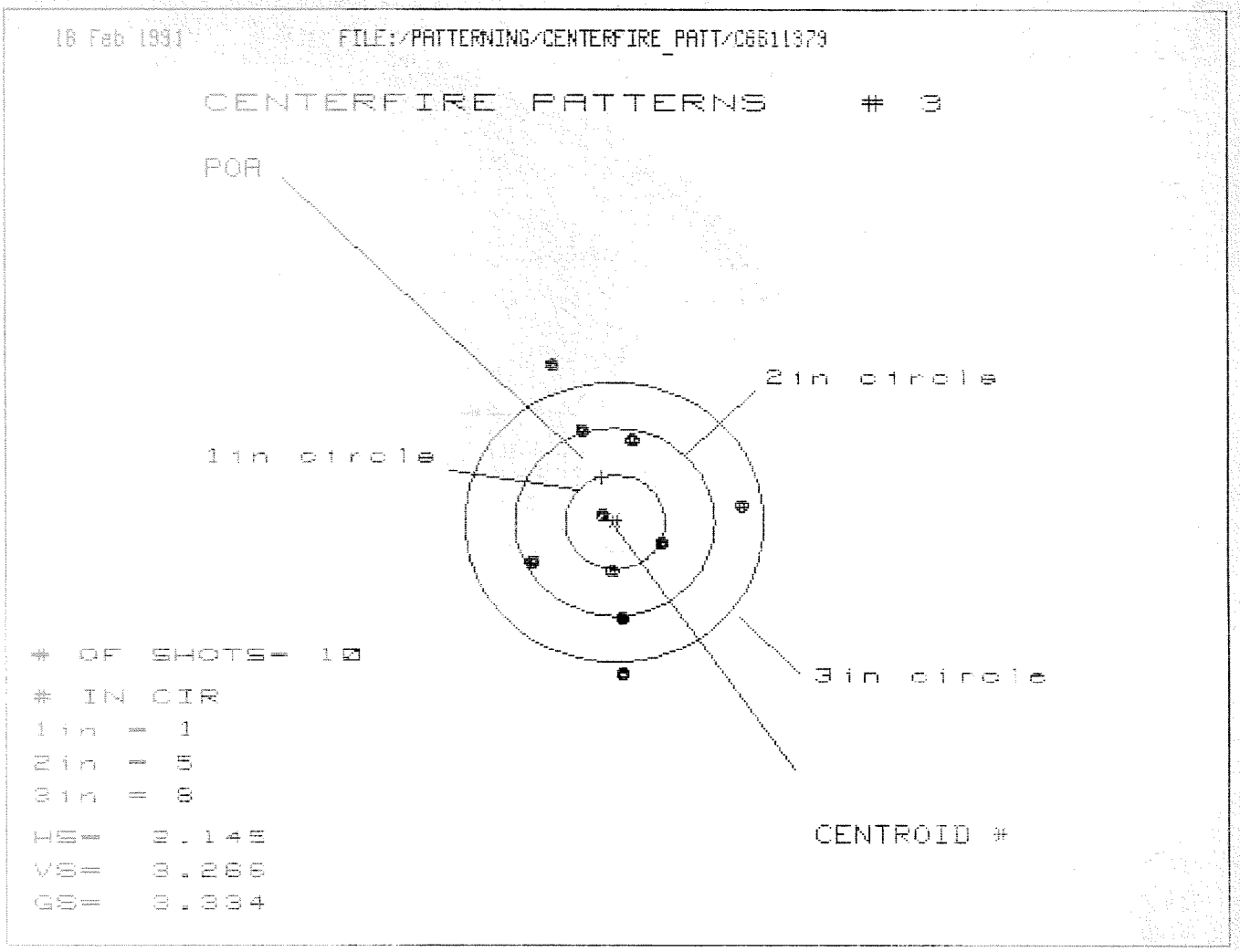
# IN CIR
1in = 2
2in = 7
3in = 10

HS= 2.193
VS= 1.511
CS= 2.329

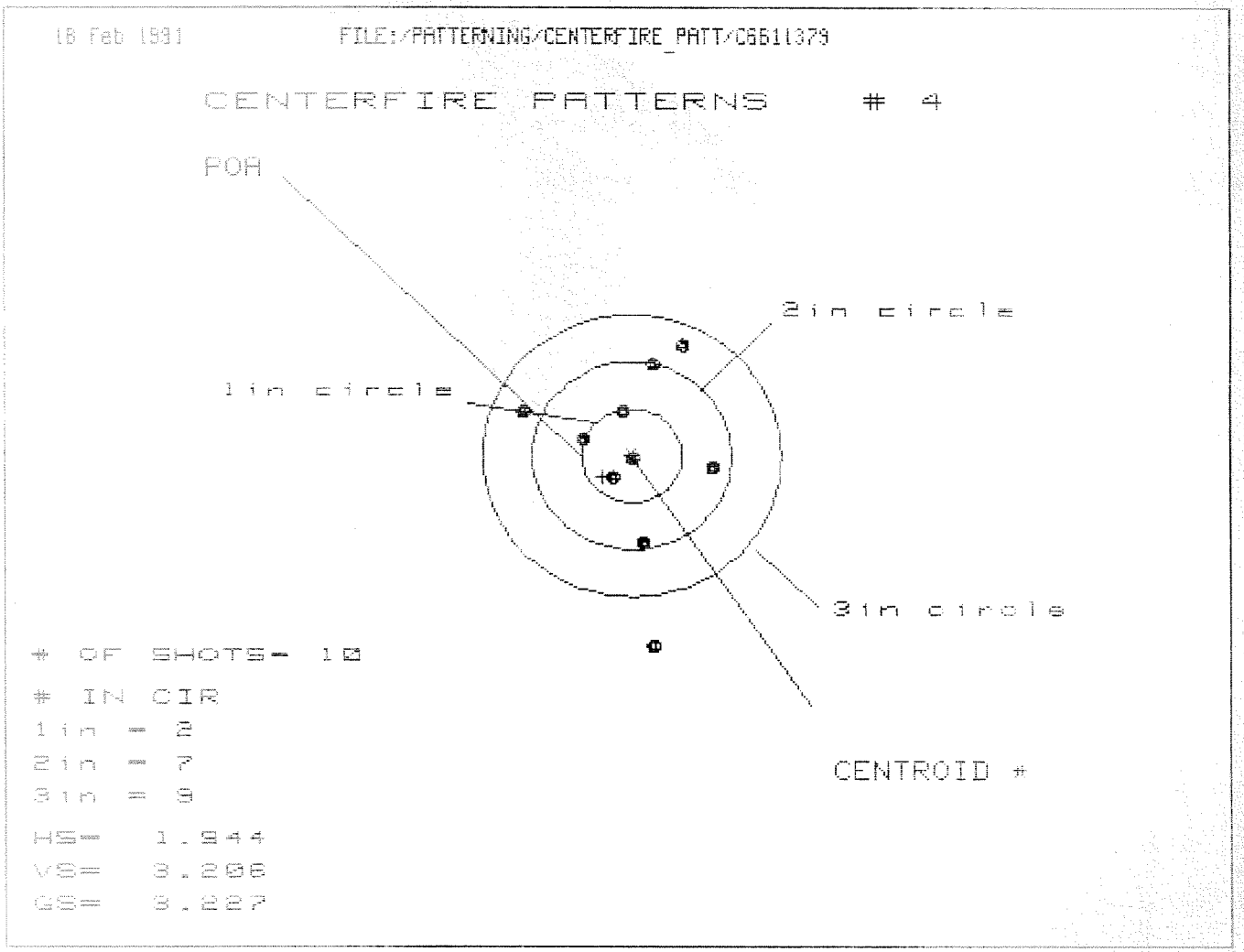
ITEM #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.268	.837	.739
MINIMUM X	:	-.925	-.784	-.582
MAXIMUM Y	:	.749	.725	.794
MINIMUM Y	:	-.762	-.786	-.710
CENTROID X	:	-.097	-.238	-.140
CENTROID Y	:	-.088	-.064	-.133
POA TO CENTROID in.	:	.131	.246	.193
MIN RADIUS	:	.390	.279	.340
MEAN RADIUS	:	.819	.745	.721
MAX RADIUS	:	1.286	1.119	1.002
HORIZONTAL SPREAD	:	2.193	1.621	1.321
VERTICAL SPREAD	:	1.511	1.511	1.511
EXTREME SPREAD	:	2.329	2.069	1.889
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



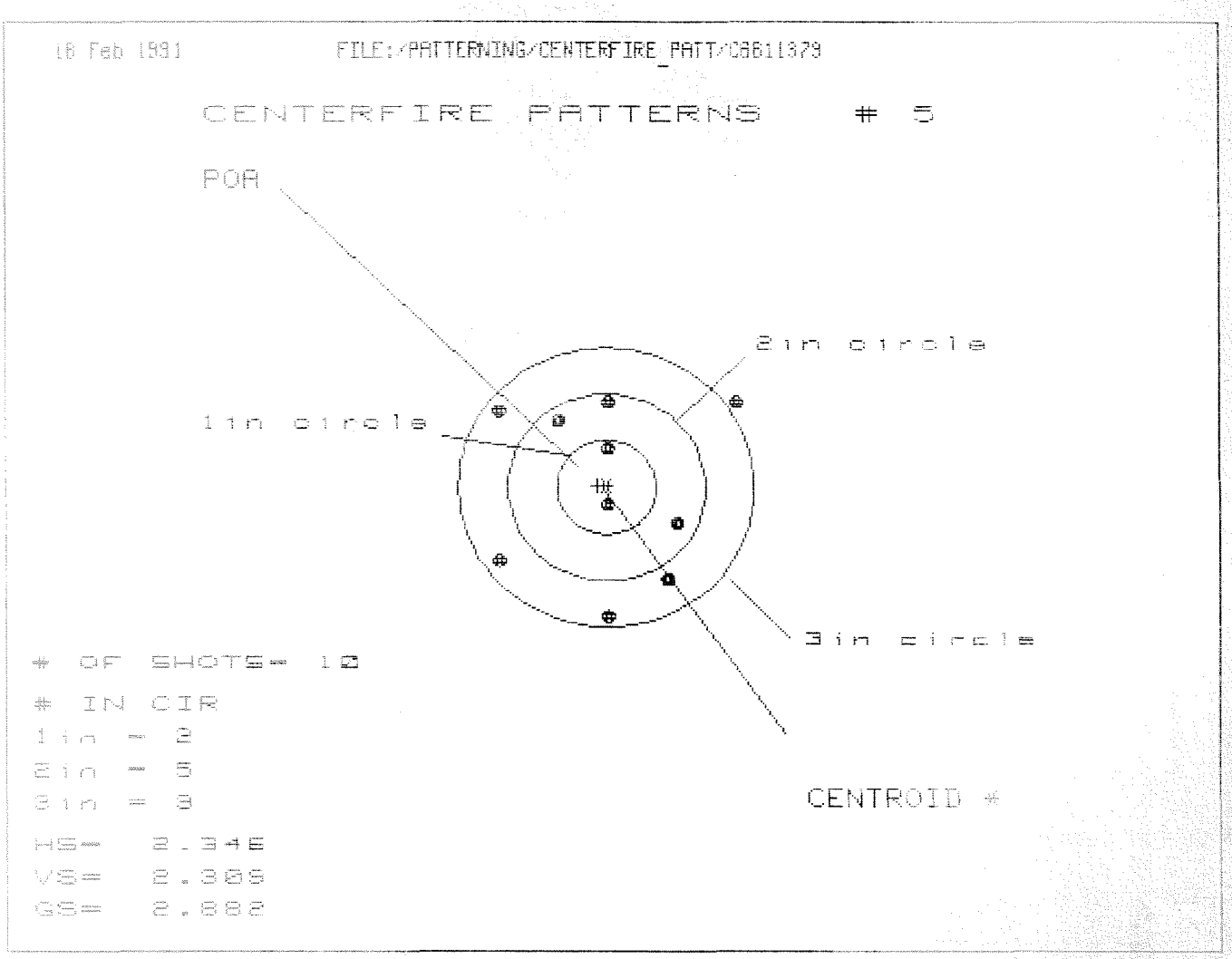
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.954	1.021	1.005
MINIMUM X	:	-1.069	-1.002	-1.018
MAXIMUM Y	:	1.121	.967	.611
MINIMUM Y	:	-1.377	-.747	-.626
CENTROID X	:	-.149	-.216	-.200
CENTROID Y	:	-.063	.091	-.030
POA TO CENTROID in.	:	.162	.234	.203
MIN RADIUS	:	.209	.056	.173
MEAN RADIUS	:	.835	.735	.708
MAX RADIUS	:	1.501	1.033	1.044
HORIZONTAL SPREAD	:	2.023	2.023	2.023
VERTICAL SPREAD	:	2.498	1.714	1.237
EXTREME SPREAD	:	2.618	2.040	2.040
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.299	1.232	1.233
MINIMUM X	:	-.846	-.913	-.912
MAXIMUM Y	:	1.653	1.204	1.026
MINIMUM Y	:	-1.613	-1.429	-1.039
CENTROID X	:	.128	.195	.194
CENTROID Y	:	-.479	-.663	-.485
POA TO CENTROID in.	:	.496	.691	.522
MIN RADIUS	:	.196	.361	.256
MEAN RADIUS	:	.982	.880	.807
MAX RADIUS	:	1.760	1.429	1.245
HORIZONTAL SPREAD	:	2.145	2.145	2.145
VERTICAL SPREAD	:	3.266	2.633	2.065
EXTREME SPREAD	:	3.334	2.669	2.214
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.821	.841	.911
MINIMUM X	:	-1.123	-1.103	-1.033
MAXIMUM Y	:	1.156	.928	.819
MINIMUM Y	:	-2.050	-1.131	-1.014
CENTROID X	:	.292	.272	.202
CENTROID Y	:	.224	.452	.335
POA TO CENTROID in.	:	.368	.527	.392
MIN RADIUS	:	.029	.209	.140
MEAN RADIUS	:	.856	.712	.649
MAX RADIUS	:	2.057	1.137	1.101
HORIZONTAL SPREAD	:	1.944	1.944	1.944
VERTICAL SPREAD	:	3.206	2.059	1.833
EXTREME SPREAD	:	3.227	2.106	2.048
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.263	.809	.823
MINIMUM X	:	-1.083	-.943	-.929
MAXIMUM Y	:	.904	.983	.820
MINIMUM Y	:	-1.405	-1.305	-1.015
CENTROID X	:	.087	-.053	-.067
CENTROID Y	:	-.017	-.117	.046
POA TO CENTROID in.	:	.089	.129	.081
MIN RADIUS	:	.176	.165	.288
MEAN RADIUS	:	.982	.923	.856
MAX RADIUS	:	1.553	1.334	1.272
HORIZONTAL SPREAD	:	2.346	1.752	1.752
VERTICAL SPREAD	:	2.309	2.288	1.835

EXTREME SPREAD =	2.882	2.484	2.470
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
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. C6611379
DATE 2/16/91
TESTER

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.28	2.23	2.48	MIN. SETTING,
PULL #2	2.50	2.24	2.39	2.48	NO AVG. OF 5
PULL #3	2.23	2.27	2.41	2.40	READINGS ACCEPT-
PULL #4	2.27	2.32	2.30	2.42	ABLE LESS THAN 2#
PULL #5	2.20	2.27	2.20	2.28	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.50		
PULL #2	3.29	3.42		
PULL #3	3.32	3.38		
PULL #4	3.36	3.40		
PULL #5	3.44	3.50		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.51		4.44
PULL #2	4.45	4.45		4.36
PULL #3	4.38	4.33		4.29
PULL #4	4.23	4.35		4.41
PULL #5	4.45	4.28		4.40
TOTAL				
AVG.				