C623530

MODEL 700™ M24

Model 5A5™

Action

Barrel Length

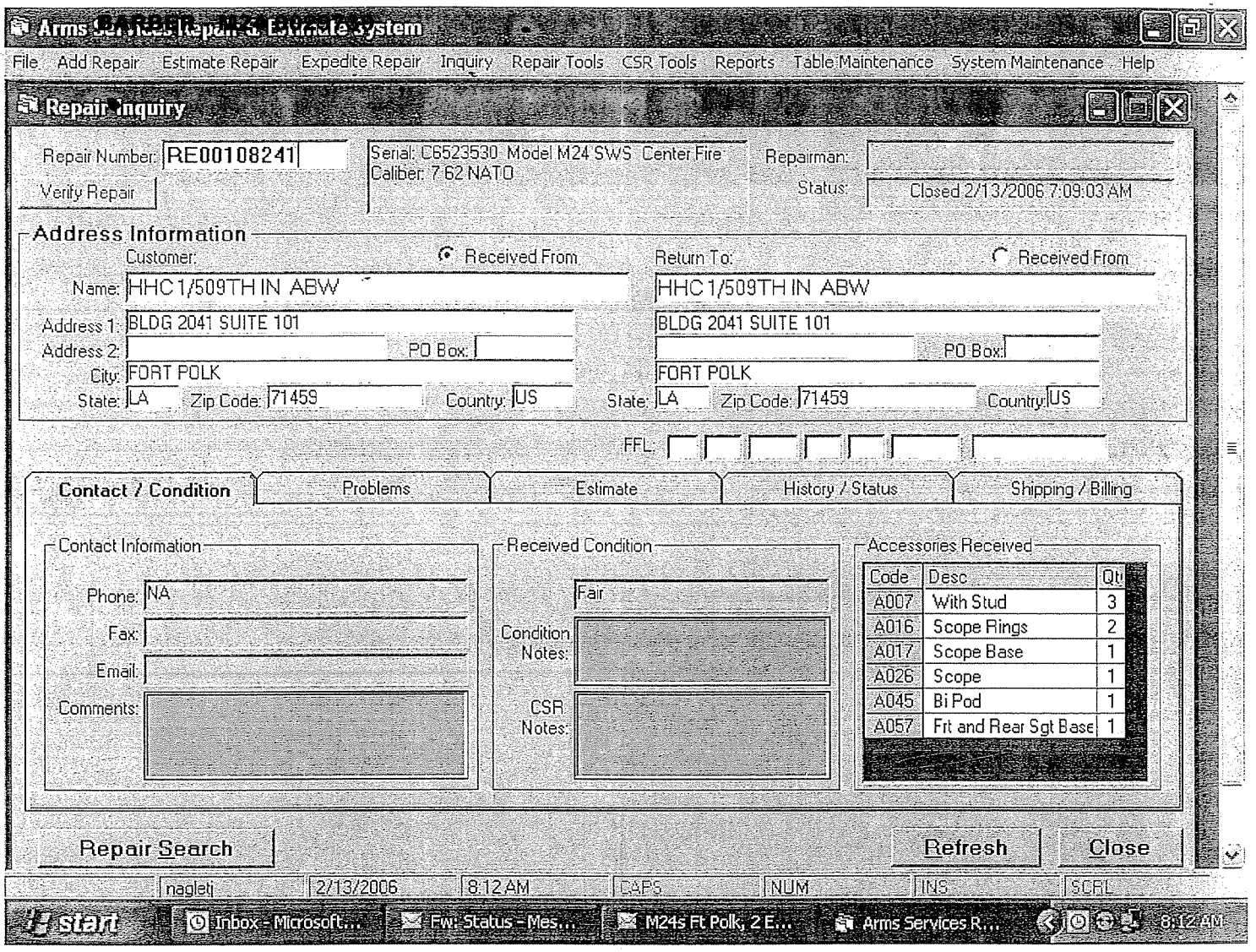
Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

Smead®



Serial Number: C6523530

Model: M24 SWS

RE00108241

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523530.__0
FILE DATE AND TIME: 02/27/2006 07:24

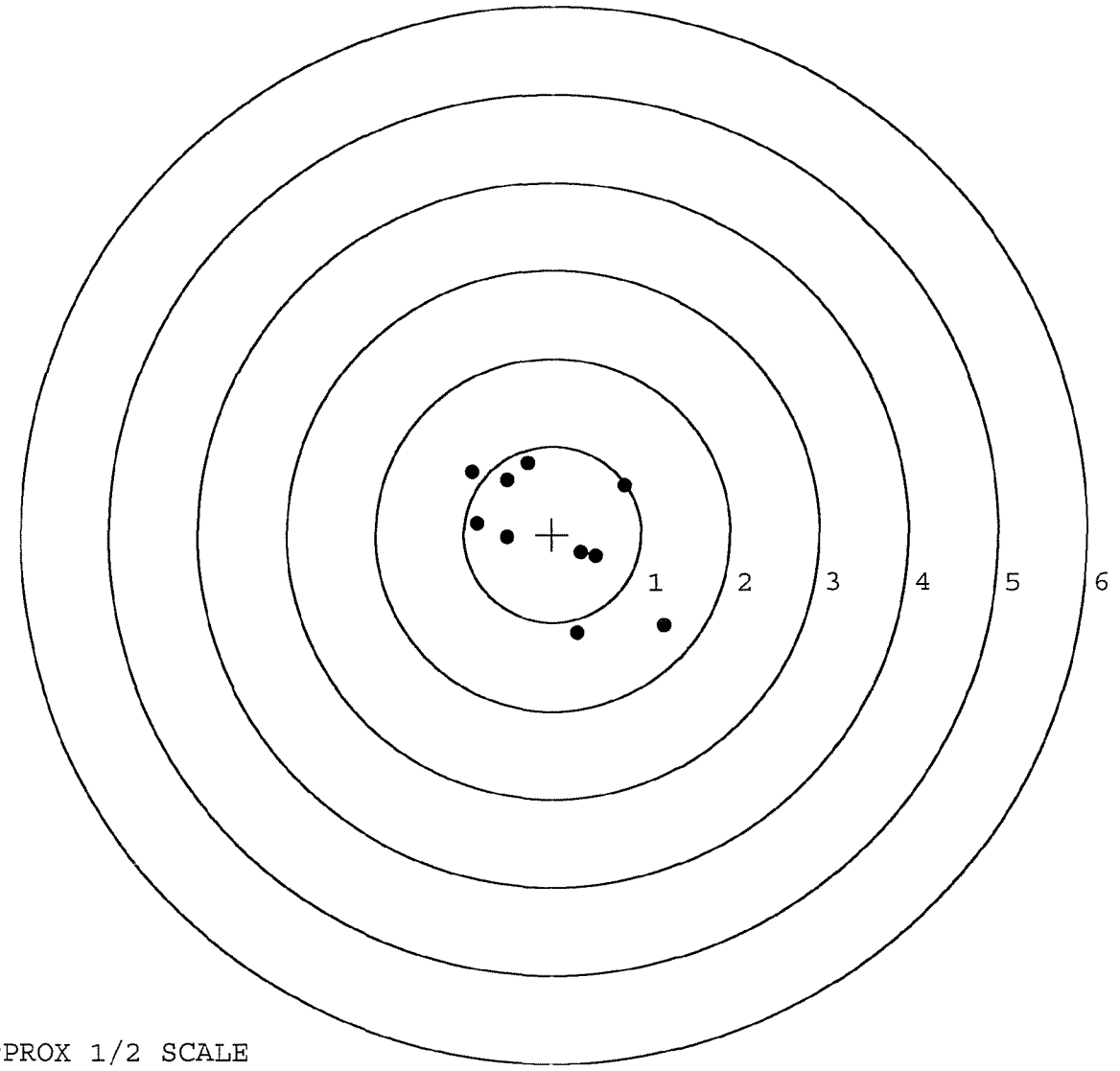
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.075
The Average Y Centroid of the Five Target Set:	0.086
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.939
The Distance from POA to Centroid Target #1:	0.016
The Distance from Centroid Target #2 to Centroid Target #1:	0.475
The Distance from Centroid Target #3 to Centroid Target #1:	0.170
The Distance from Centroid Target #4 to Centroid Target #1:	0.306
The Distance from Centroid Target #5 to Centroid Target #1:	0.174

SERIAL NUMBER: C6523530.__0
TARGET NUMBER: 1
FILE DATE: 02/27/2006
FILE TIME: 07:24

X CENTROID:	0.008
Y CENTROID:	0.013
POA TO CENTROID:	0.016
HORZ SPREAD:	2.168
VERT SPREAD:	1.939
GROUP SPREAD:	2.782
MIN RADIUS:	0.382
MAX RADIUS:	1.636
MEAN RADIUS:	0.888
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.259	-1.042
2:	0.280	-1.126
3:	0.487	-0.247
4:	0.320	-0.207
5:	0.808	0.558
6:	-0.283	0.813
7:	-0.514	0.607
8:	-0.909	0.701
9:	-0.854	0.118
10:	-0.511	-0.043

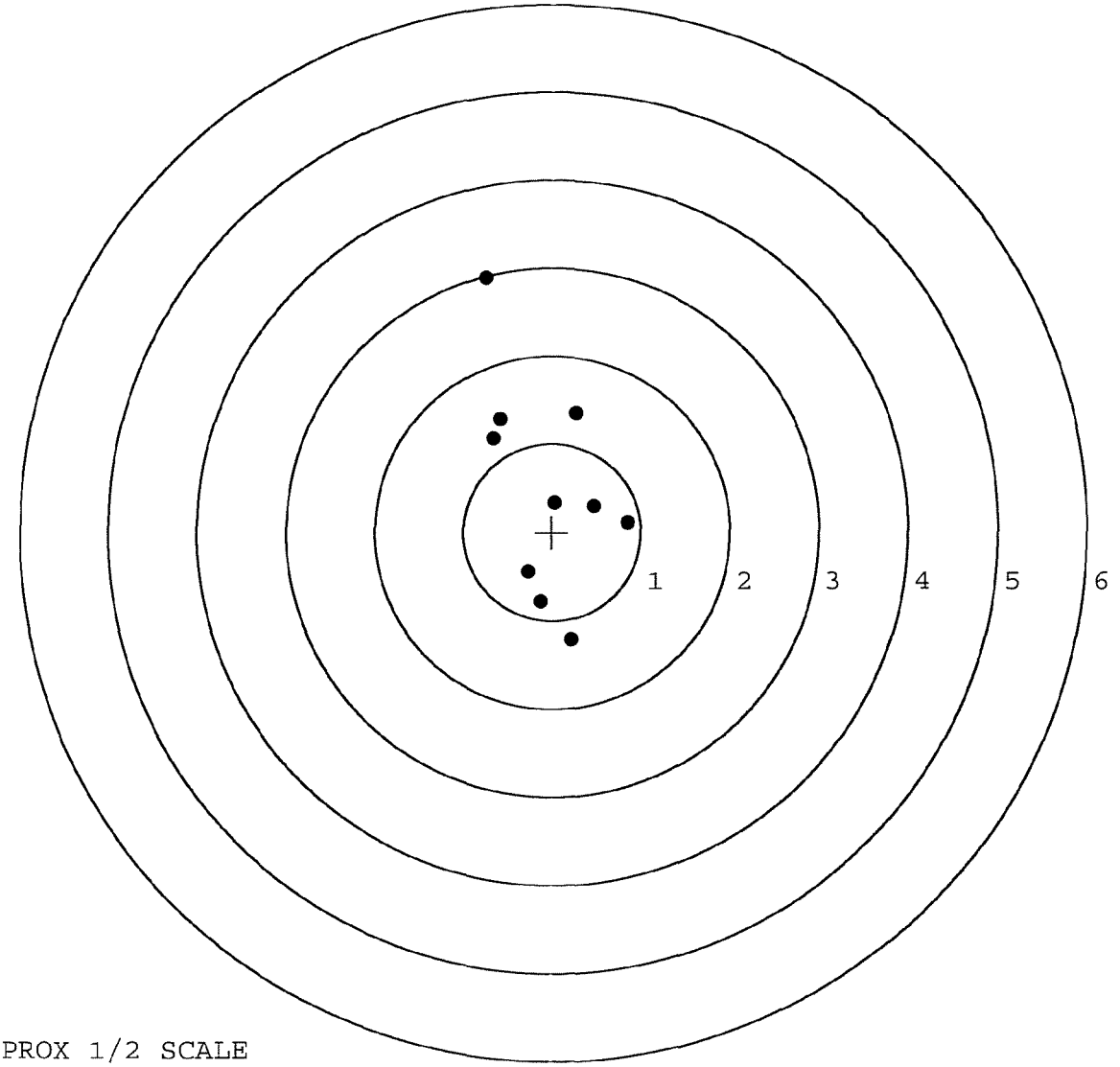


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523530.__0
TARGET NUMBER: 2
FILE DATE: 02/27/2006
FILE TIME: 07:24

X CENTROID:	-0.056
Y CENTROID:	0.483
POA TO CENTROID:	0.487
HORZ SPREAD:	1.599
VERT SPREAD:	4.110
GROUP SPREAD:	4.223
MIN RADIUS:	0.175
MAX RADIUS:	2.500
MEAN RADIUS:	1.089
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.222	-1.225
2:	-0.127	-0.792
3:	-0.269	-0.450
4:	0.849	0.111
5:	0.469	0.295
6:	0.028	0.330
7:	-0.666	1.058
8:	-0.589	1.275
9:	0.273	1.347
10:	-0.750	2.885

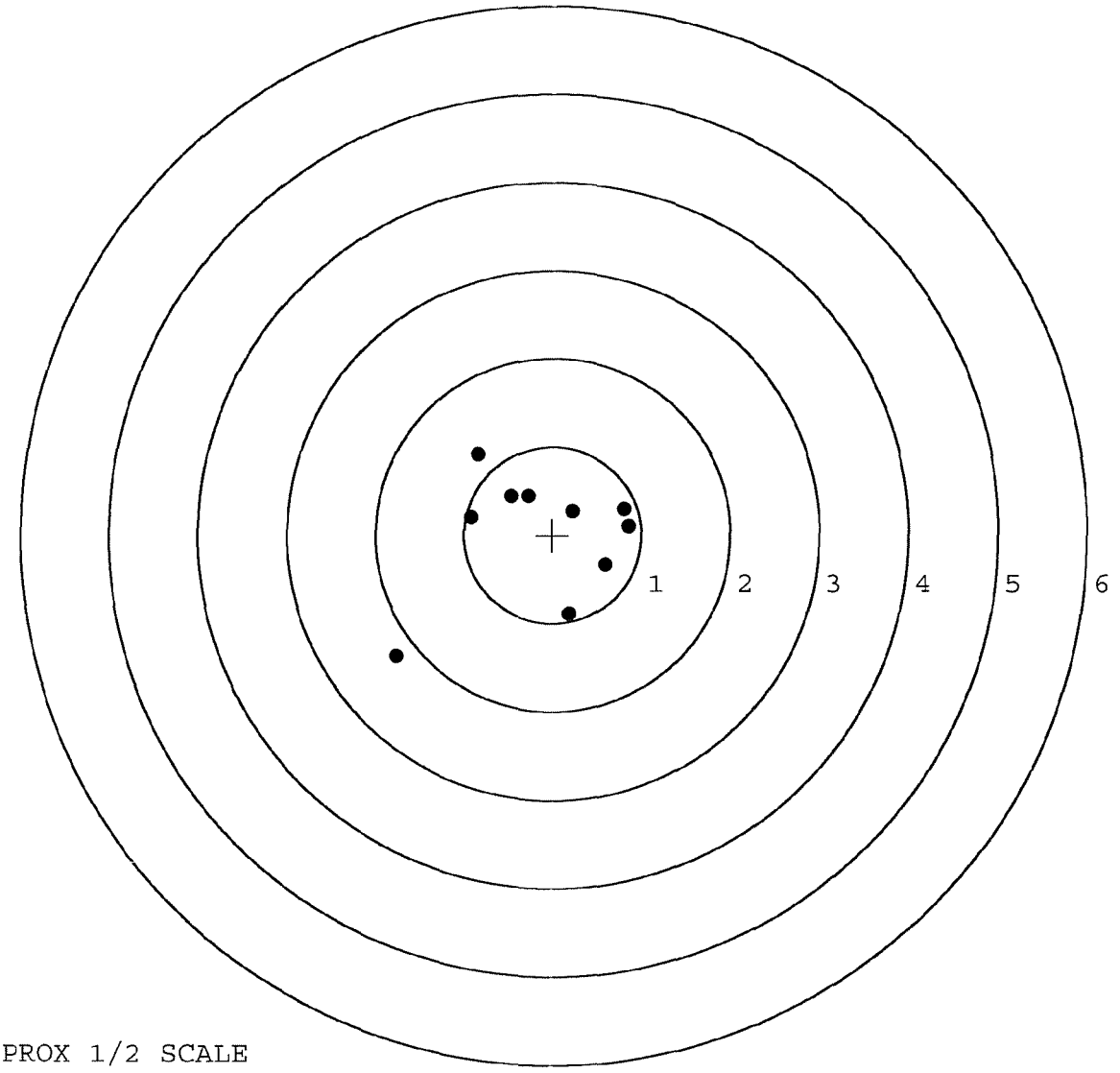


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523530.__0
TARGET NUMBER: 3
FILE DATE: 02/27/2006
FILE TIME: 07:24

X CENTROID:	-0.161
Y CENTROID:	0.003
POA TO CENTROID:	0.161
HORZ SPREAD:	2.618
VERT SPREAD:	2.299
GROUP SPREAD:	3.069
MIN RADIUS:	0.454
MAX RADIUS:	2.121
MEAN RADIUS:	0.933
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.188	-0.903
2:	0.599	-0.336
3:	0.855	0.102
4:	0.802	0.298
5:	0.223	0.272
6:	-0.276	0.442
7:	-0.473	0.434
8:	-0.923	0.196
9:	-0.845	0.911
10:	-1.763	-1.388



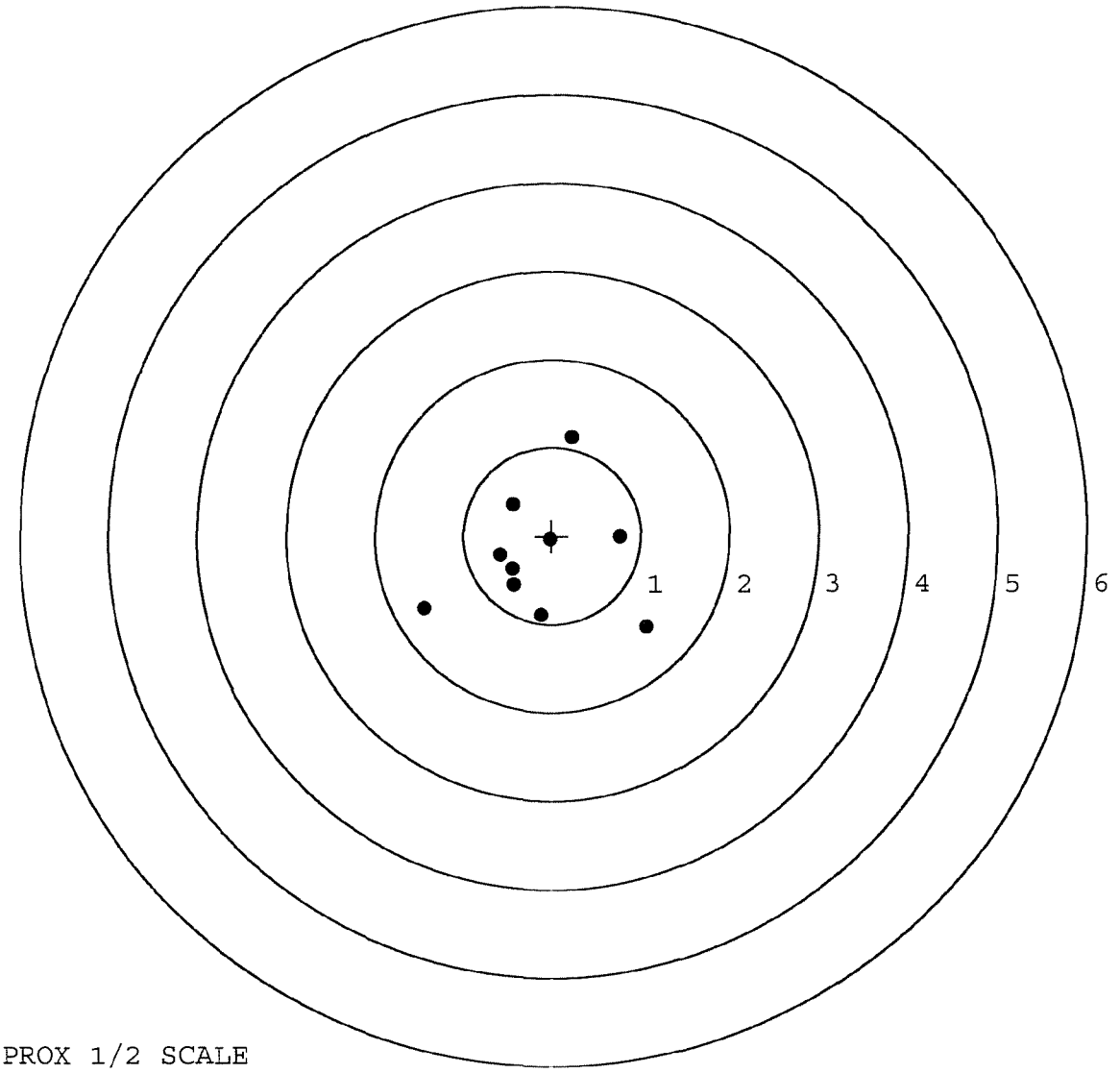
TARGET APPROX 1/2 SCALE

BARBER - M24 0029744

SERIAL NUMBER: C6523530.__0
TARGET NUMBER: 4
FILE DATE: 02/27/2006
FILE TIME: 07:24

X CENTROID:	-0.142
Y CENTROID:	-0.253
POA TO CENTROID:	0.290
HORZ SPREAD:	2.503
VERT SPREAD:	2.154
GROUP SPREAD:	2.511
MIN RADIUS:	0.244
MAX RADIUS:	1.437
MEAN RADIUS:	0.798
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.062	-1.038
2:	0.770	-0.016
3:	0.226	1.116
4:	-0.443	0.352
5:	-0.016	-0.044
6:	-0.124	-0.903
7:	-0.427	-0.561
8:	-0.445	-0.380
9:	-0.582	-0.222
10:	-1.441	-0.833



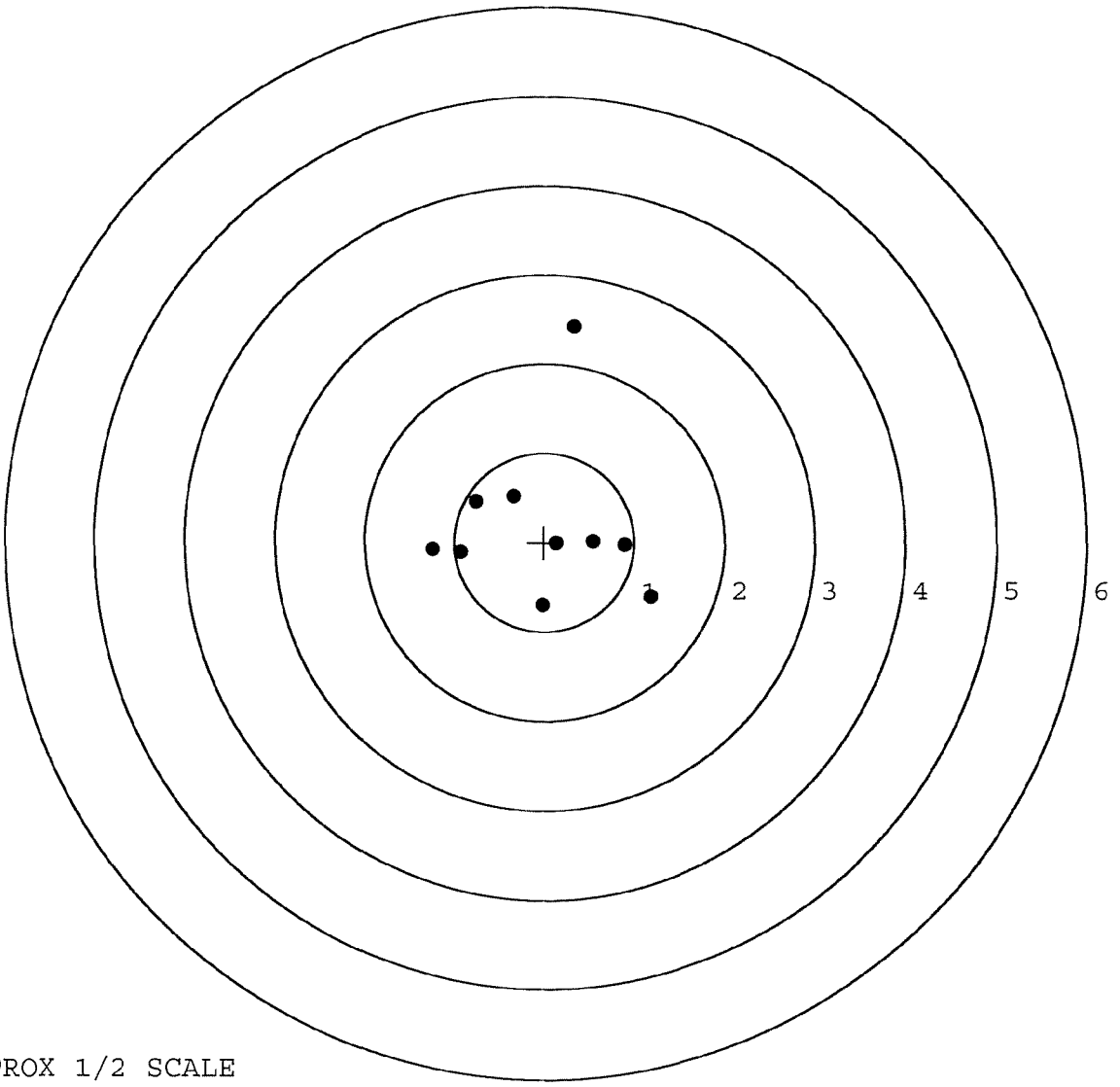
TARGET APPROX 1/2 SCALE

BARBER - M24 0029745

SERIAL NUMBER: C6523530.__0
TARGET NUMBER: 5
FILE DATE: 02/27/2006
FILE TIME: 07:24

X CENTROID:	-0.023
Y CENTROID:	0.184
POA TO CENTROID:	0.186
HORZ SPREAD:	2.432
VERT SPREAD:	3.127
GROUP SPREAD:	3.147
MIN RADIUS:	0.252
MAX RADIUS:	2.261
MEAN RADIUS:	0.985
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.182	-0.607
2:	0.896	-0.029
3:	0.545	0.019
4:	0.134	-0.013
5:	-0.024	-0.709
6:	-0.346	0.516
7:	-0.763	0.456
8:	-0.932	-0.118
9:	-1.250	-0.090
10:	0.326	2.418



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	108241
SERIAL NUMBER	CL05223530
LOG-IN DATE	2-13-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		2-13-06	RTC
505	RE-BARREL		2-14-06	RTC
560	ASSEMBLE		2-14-06	RTC
600	PROOF	MAGNA-FLUX INSPECTED FEB 16 2006	2-14-06	TRW
605	CHECK HEADSPACE		2-14-06	TRW
610	DIS-ASSEMBLE GUN		2-15-06	RTC
612	MAGNAFLUX	OPERATOR	2/16/06 TRW	
510	DRILL AND TAP		2-15-06	TRW
615	ROLLMARK CALIBER		2-15-06	CW
618	ROTO-BLAST		2-16-06	LB
620	APPLY COATINGS		2/23/06	
625	FINAL ASSEMBLY		2-23-06	RTC
640	FUNCTION TEST AND	(PASS) FAIL	2-27-06	TRW
650	TARGET	(PASS) FAIL		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		2-27-06	
	A) HEADSPACE	(PASS) FAIL	2-27-06	AC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)			N/A
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS)	5 lbs 5 lbs 5 lbs		AC
	G) SAFETY OFF FORCE (2 LBS MIN)	3 lbs 3 lbs 3 lbs		AC
	I) FIRING PIN INDENT (.020)	.021 .021 .021		AC
690	PACK		3-3-06	AC

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0029747

INITIAL	CUSTOMER ORDER NO.	COMMENTS	ORDER
FDC	DAAA09-92-C-0834	W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT ATTN: FRED MARTIN Scope 90-0259	R 94-18300

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/11/94	06/11/94		C6523530		700 7.62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-5025

CUST NO: 098397 C.D.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE	PROM. DATE	ESTIMATED	VIA
		☐			FRT

GUN CONDITION
- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE	
EXCISE	
TAX	
INSURANCE	
UPS	
PARCEL POST	
TOTAL	

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS		COMMENTS
Trigger ASSY	193.71	
Scope Repair	119.43	
Clean/Insp/Prep	50.00	
	343.14	

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE 10/26	DATE	DATE

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523530

DATE

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.28	2.39		MIN. SETTING,
PULL #2	2.47	2.23	2.38		NO AVG. OF 5
PULL #3	2.52	2.29	2.42		READINGS ACCEPT-
PULL #4	2.43	2.22	2.45		ABLE LESS THAN 2#
PULL #5	2.42	2.25	2.45		
TOTAL	12.30	11.27	12.09		
AVG.	2.46	2.25	2.42		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.33		
PULL #2	3.00	3.35		
PULL #3	3.01	3.36		
PULL #4	3.13	3.38		
PULL #5	3.30	3.38		
TOTAL	15.51	16.80		
AVG.	3.10	3.36		

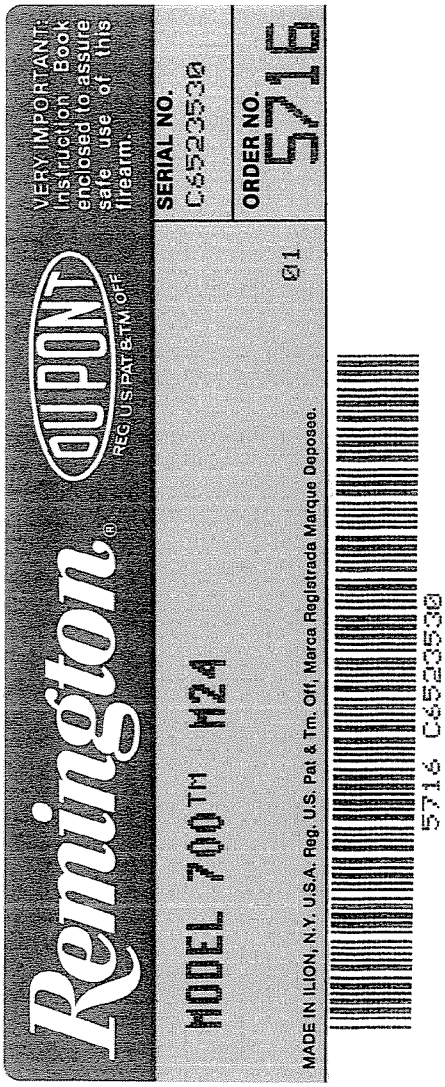
	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.12		4.08
PULL #2	4.15	4.12		4.11
PULL #3	4.19	4.08		4.07
PULL #4	4.11	4.09		4.10
PULL #5	4.26	4.10		4.11
TOTAL	20.92	20.51		20.47
AVG.	4.18	4.10		4.09

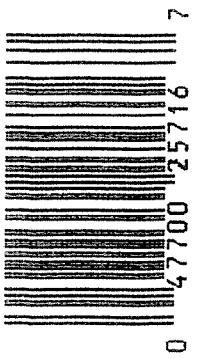
CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523530

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

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			11/29	WB
	G) Safety Off Force	3 3/4	3 1/2	3 3/4			11/29	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.42	2.35	2.36	2.36	2.35	4/29	WB
	C) Function							
660	Pack							


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.
C6523530
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.
5716 C6523530


UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523530

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/2/90	[illegible]
600	Proof		10/2/90	[illegible]
607	Check Headspace		10/2/90	[illegible]
610	Dis-assemble Gun		10/2/90	[illegible]
612	Magnaflux Barrel Action		10/5/90	KR
	Magnaflux Bolt		10/5/90	KR
615	Rollmark Caliber		10/5/90	[illegible]
617	Drill and Tap Sight Holes		10/8/90	[illegible]
618	Polish Barrel RKB		10/9/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	[illegible]
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/21/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/21/90	WB
	C) Inspect Ejector Hole for Chamfer		10/21/90	WB
	D) Oil Firing Pin Ass'y		10/21/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		10/27/90	DH

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4 lbs	4 lbs	4 lbs	10/28/90	WB
	G) Safety Off Force	2 lbs	2 lbs	2 lbs	10/28/90	WB
	H) Trigger Pull Test & Retainability				10-27-90	DH
	I) Firing Pin Indent	.0205	.021	.021	10/27/90	WB
	J) Assemble Stock				10/27/90	KA
	K) Assemble Swivel Studs				3/6/90	KA
	L) Attach Front and Rear Sight Assemblies				10/27/90	KA
	M) Iron Sight Alignment				10/27/90	KA
	N) Detach Front & Rear Sights & place in numbered container				10/27/90	KA
	O) Attach Scope to Rifle				10/27/90	KA
	P) Detach & Attach Scope 20 Times				10/27/90	KA
640	Gallery Target & Test				10/29/90	NE
	A) Time				"	NE
	B) Malfunctions				"	NE
	C) Pierced Primers				"	NE
	D) Optical Clearity of Scope				"	NE
645	Inspect for Live Ammo				10/29/90	NE
655	Final Inspection A) Headspace				3/6/90	KA
	B) Trigger Pull	265	252	260	276	274	3/6/90	KA
	C) Function						3/6/90	KA
660	Pack						12/14/90	NE

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523530
DATE 10-27-90
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.56	2.45	265	MIN. SETTING,
PULL #2	2.53	2.64	2.43	252	NO AVG. OF 5
PULL #3	2.56	2.67	2.42	260	READINGS ACCEPT-
PULL #4	2.46	2.60	2.43	276	ABLE LESS THAN 2#
PULL #5	2.45	2.40	2.50	244	
TOTAL	12.51	12.87	12.23		
AVG.	2.50	2.57	2.44		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	3.30		
PULL #2	3.09	3.06		
PULL #3	3.03	3.10		
PULL #4	3.08	3.20		
PULL #5	3.06	3.26		
TOTAL	15.32	15.92		
AVG.	3.06	3.18		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.16		4.08
PULL #2	4.38	4.36		4.06
PULL #3	4.32	4.33		4.10
PULL #4	4.00	4.00		4.12
PULL #5	4.27	4.29		4.10
TOTAL	21.23	21.14		20.46
AVG.	4.24	4.22		4.09

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523530
30 Oct 1990

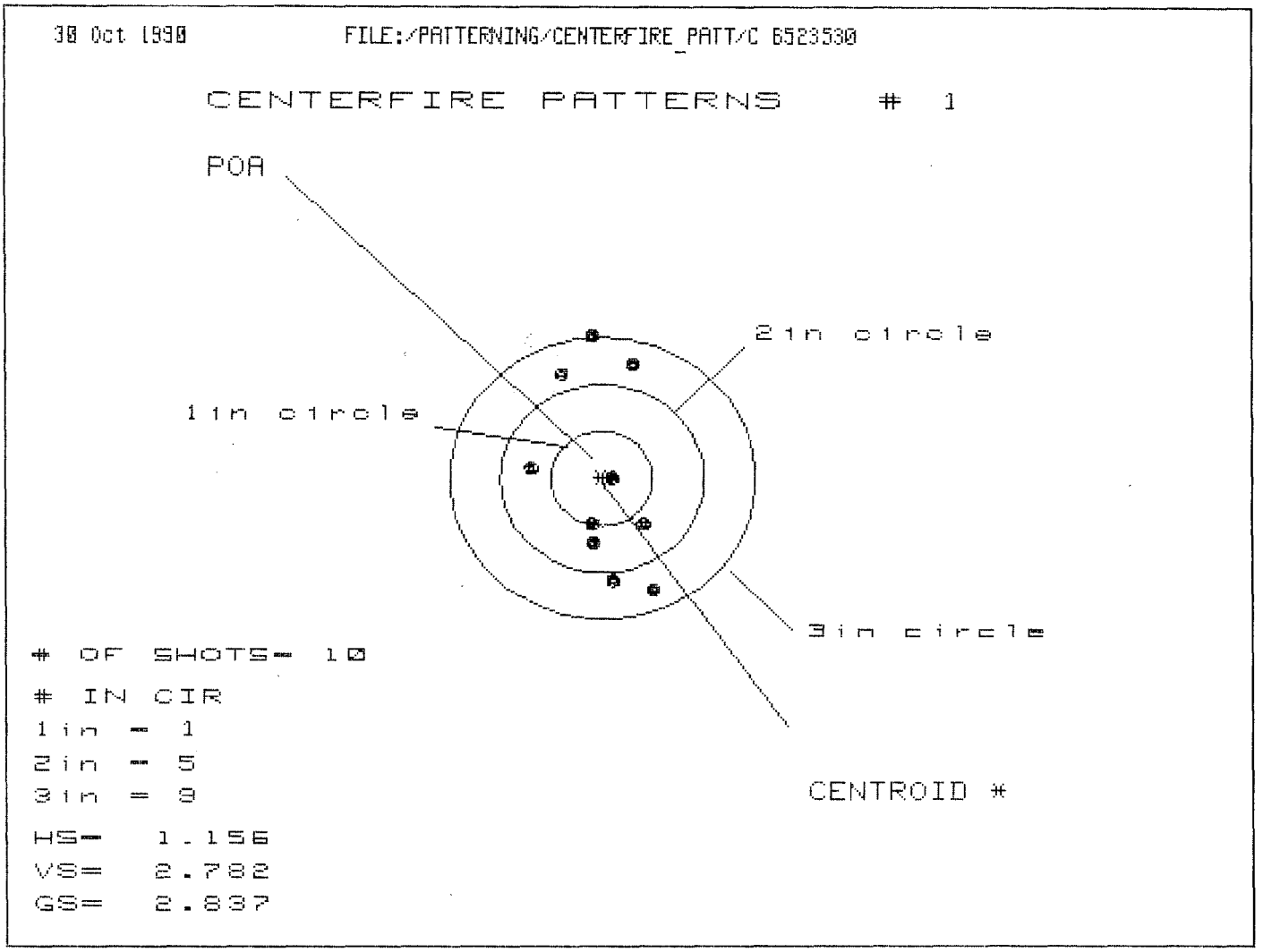
CENTROIDAL DISTANCES

0	TO	1	.103247
1	TO	2	.353293
1	TO	3	.139818
1	TO	4	.10819
1	TO	5	.218325

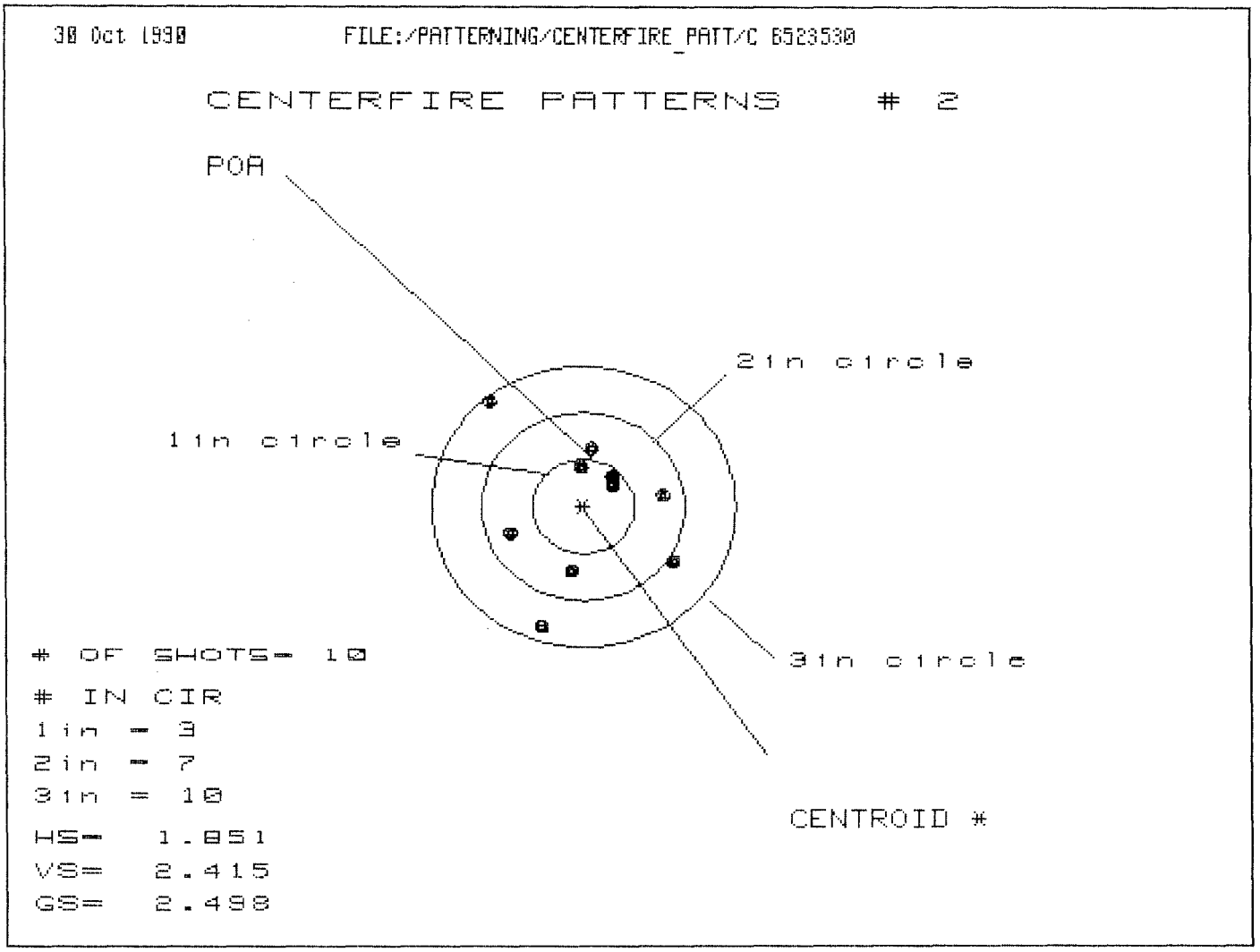
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1022
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.073
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .125594

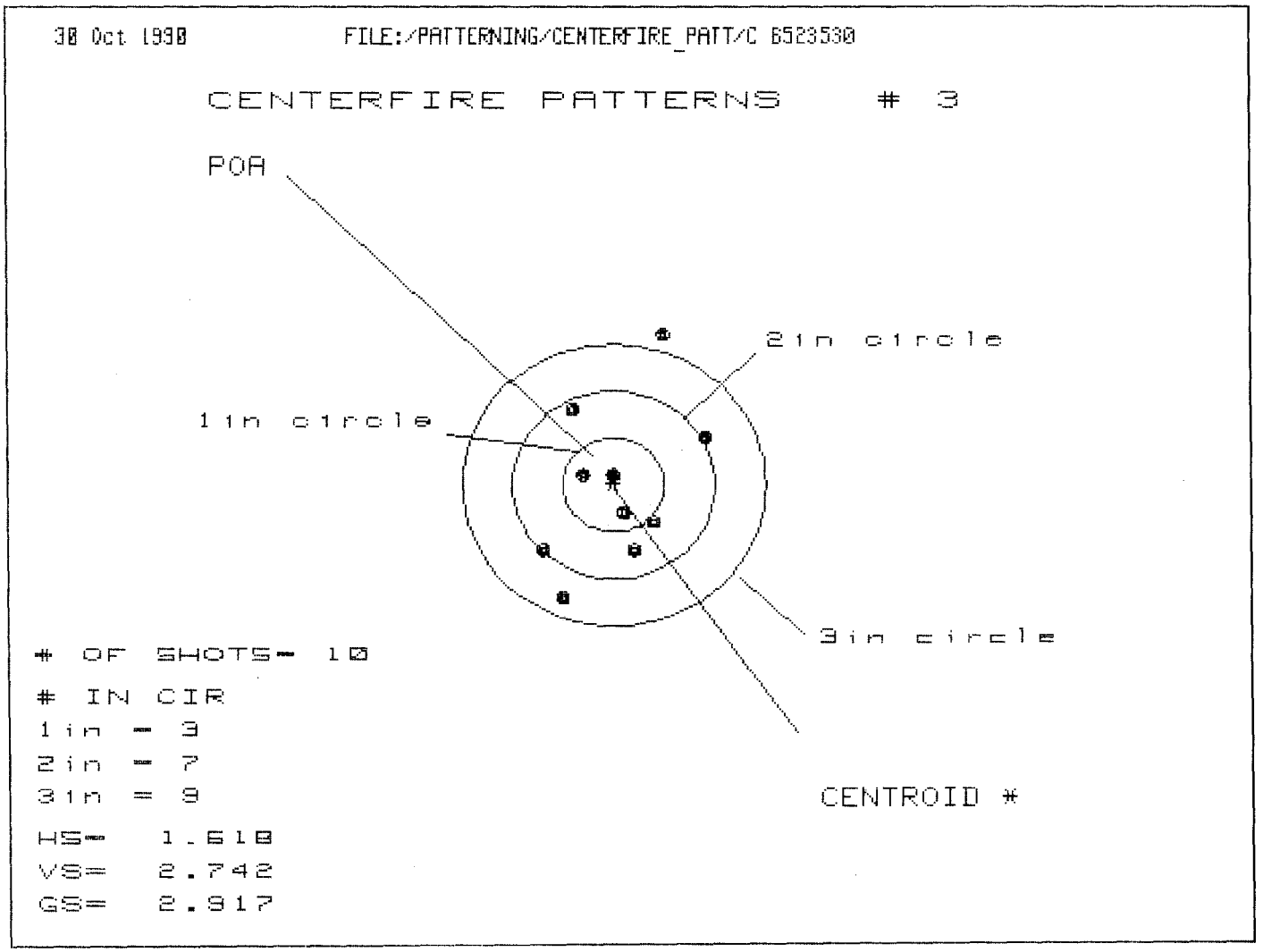
THE AMR FOR THIS RIFLE IS: .912



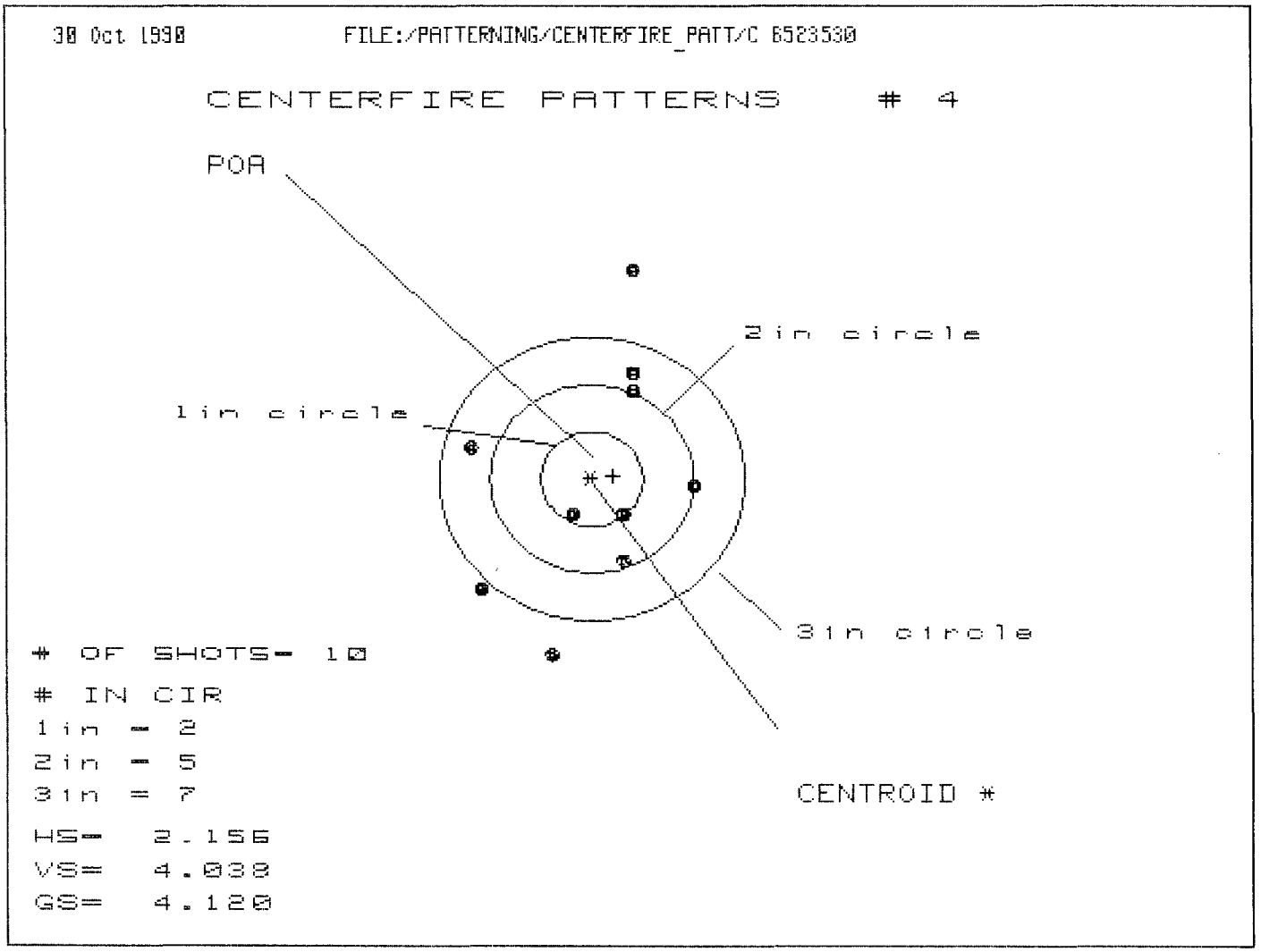
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.471	.461	.479
MINIMUM X	:	-.685	-.695	-.637
MAXIMUM Y	:	1.549	1.363	1.230
MINIMUM Y	:	-1.233	-1.061	-1.054
CENTROID X	:	-.102	-.092	-.150
CENTROID Y	:	-.016	-.188	-.055
POA TO CENTROID in.	:	.103	.209	.159
MIN RADIUS	:	.128	.232	.186
MEAN RADIUS	:	.913	.810	.779
MAX RADIUS	:	1.551	1.402	1.274
HORIZONTAL SPREAD	:	1.156	1.156	1.116
VERTICAL SPREAD	:	2.782	2.424	2.284
EXTREME SPREAD	:	2.837	2.555	2.323
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



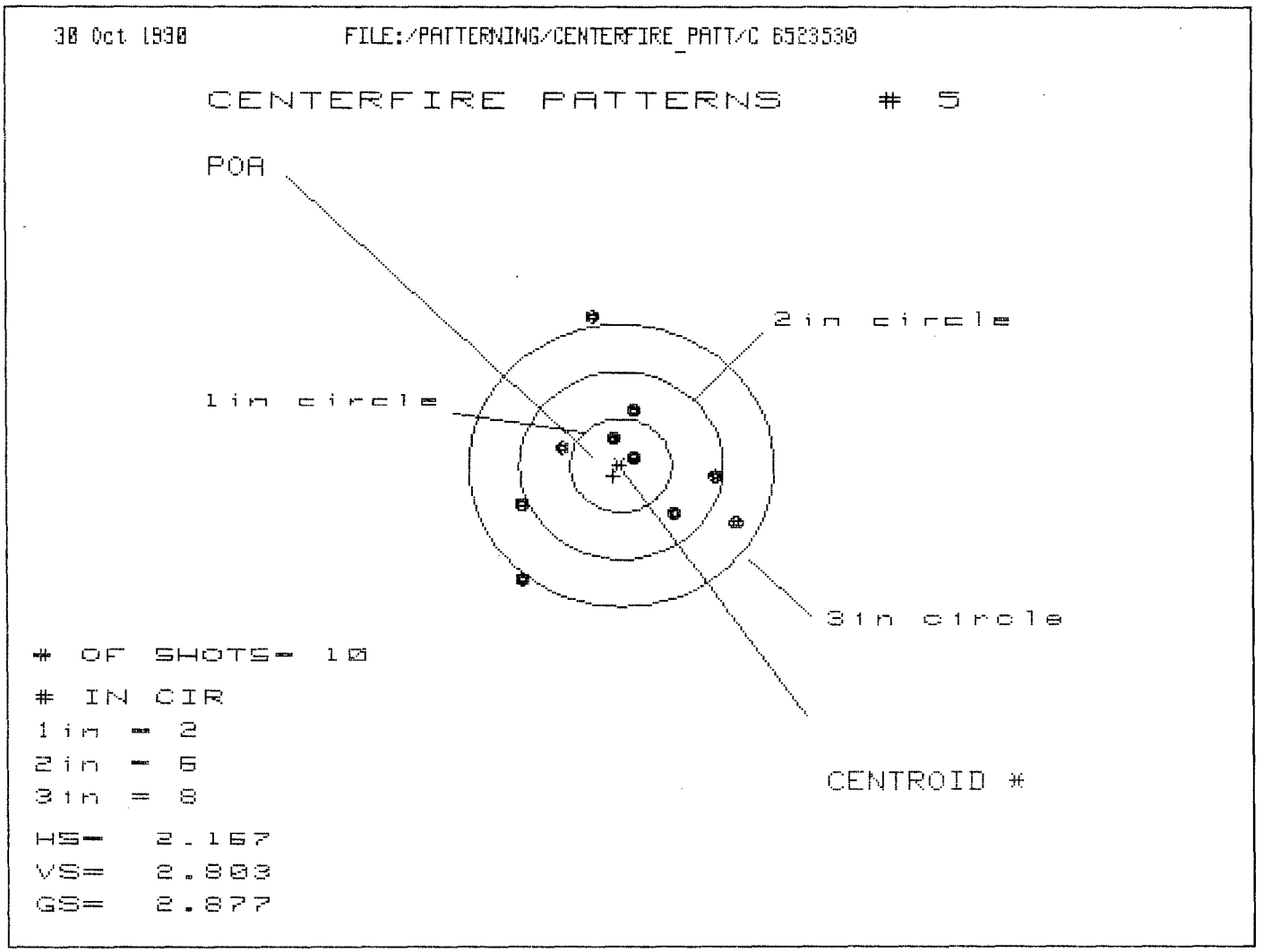
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.895	.788	.722
MINIMUM X	:	-.956	-.791	-.857
MAXIMUM Y	:	1.116	.789	.642
MINIMUM Y	:	-1.299	-1.175	-.672
CENTROID X	:	-.282	-.175	-.109
CENTROID Y	:	-.320	-.444	-.297
POA TO CENTROID in.	:	.426	.477	.316
MIN RADIUS	:	.364	.395	.234
MEAN RADIUS	:	.789	.717	.597
MAX RADIUS	:	1.470	1.291	.929
HORIZONTAL SPREAD	:	1.851	1.579	1.579
VERTICAL SPREAD	:	2.415	1.964	1.314
EXTREME SPREAD	:	2.498	2.020	1.601
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.883	.934	.874
MINIMUM X	:	-.735	-.684	-.744
MAXIMUM Y	:	1.583	1.001	.878
MINIMUM Y	:	-1.159	-.983	-.608
CENTROID X	:	.005	-.046	.014
CENTROID Y	:	-.106	-.282	-.159
POA TO CENTROID in.	:	.106	.286	.159
MIN RADIUS	:	.117	.192	.169
MEAN RADIUS	:	.783	.671	.609
MAX RADIUS	:	1.649	1.184	1.063
HORIZONTAL SPREAD	:	1.618	1.618	1.618
VERTICAL SPREAD	:	2.742	1.984	1.486
EXTREME SPREAD	:	2.917	2.220	2.022
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.986	1.033	.989
MINIMUM X	:	-1.170	-1.123	-1.167
MAXIMUM Y	:	2.213	1.409	1.211
MINIMUM Y	:	-1.825	-1.579	-1.125
CENTROID X	:	-.209	-.256	-.212
CENTROID Y	:	-.032	-.278	-.080
POA TO CENTROID in.	:	.212	.378	.227
MIN RADIUS	:	.406	.204	.366
MEAN RADIUS	:	1.194	1.037	.970
MAX RADIUS	:	2.252	1.618	1.559
HORIZONTAL SPREAD	:	2.156	2.156	2.156
VERTICAL SPREAD	:	4.038	2.988	2.336
EXTREME SPREAD	:	4.120	3.100	2.782
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.164	1.130	1.006
MINIMUM X	:	-1.003	-1.037	-1.161
MAXIMUM Y	:	1.634	.795	.672
MINIMUM Y	:	-1.169	-.988	-.501
CENTROID X	:	.077	.111	.235
CENTROID Y	:	.109	-.072	.051
POA TO CENTROID in.	:	.134	.132	.240
MIN RADIUS	:	.168	.278	.129
MEAN RADIUS	:	.881	.811	.696
MAX RADIUS	:	1.662	1.398	1.203
HORIZONTAL SPREAD	:	2.167	2.167	2.167
VERTICAL SPREAD	:	2.803	1.783	1.173
EXTREME SPREAD	:	2.877	2.205	2.175
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	