C6349186

MODEL 700™ M24

Model SWS™

Action

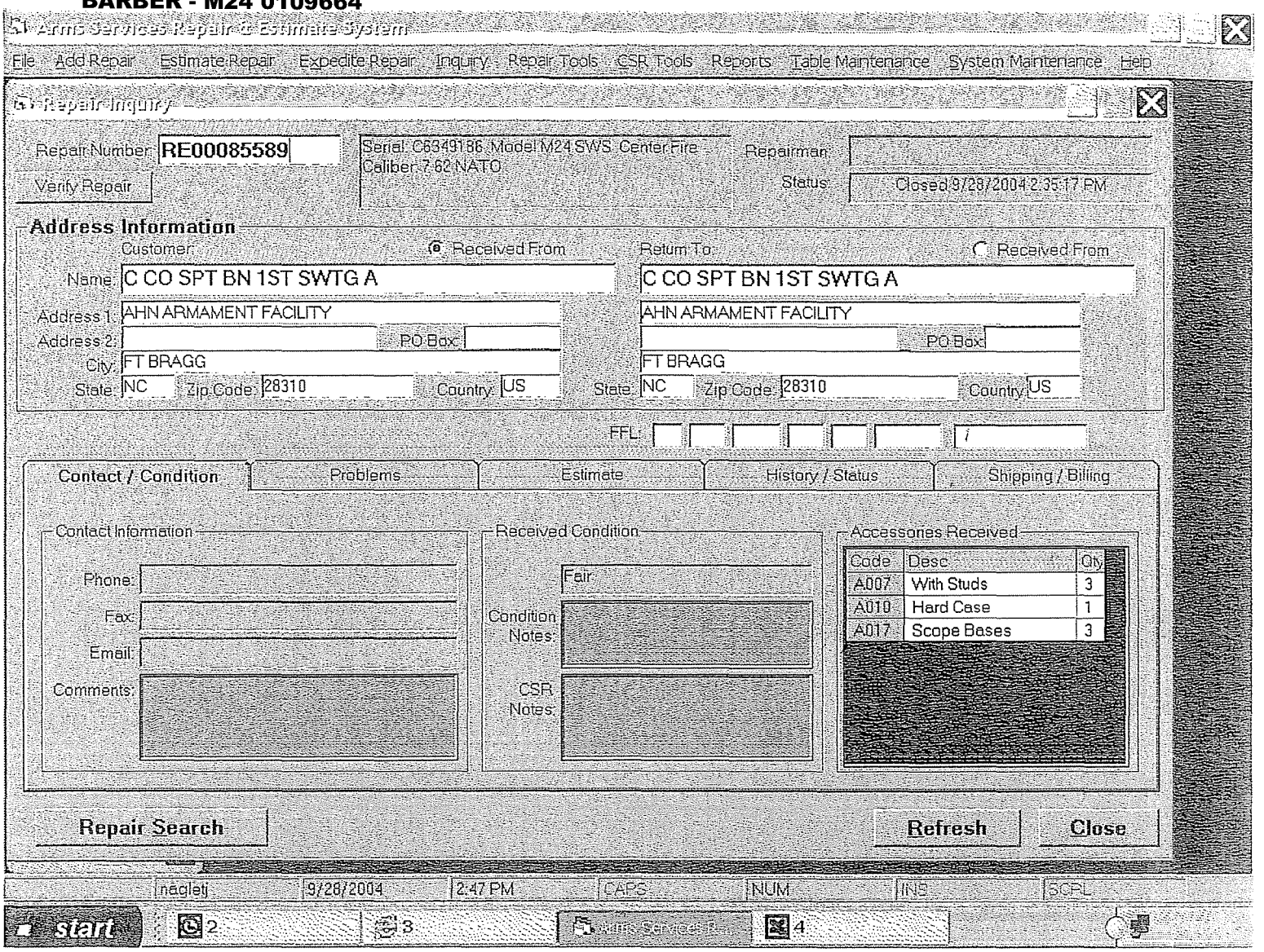
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington


Arms Services Repair & Estimate System
File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help
Repair Inquiry
Repair Number: RE00085589
Serial: C6349186 Model: M24 SWS Center Fire Caliber: 7.62 NATO
Repairman:
Verify Repair
Status: Closed 9/28/2004 2:35:17 PM
Address Information
Customer: Received From
Name: C CO SPT BN 1ST SWTG A
Address 1: AHN ARMAMENT FACILITY
Address 2: PO Box:
City: FT BRAGG
State: NC Zip Code: 28310 Country: US
Return To: Received From
C CO SPT BN 1ST SWTG A
AHN ARMAMENT FACILITY
PO Box:
FT BRAGG
State: NC Zip Code: 28310 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone:
Fax:
Email:
Comments:
Received Condition
Fair
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A007 With Studs 3
A010 Hard Case 1
A017 Scope Bases 3
Repair Search
Refresh
Close
9/28/2004
2:47 PM
CAPS
NUM
INS
SCRL
start
Arms Services R...


Serial Number: C6349186
Model: M24 SWS
RE00085589

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

1. ORGANIZATION	2. NOMENCLATURE AND MODEL
USAJFKSWCS, ARMAMENT FACILITY	RIFLE, SNIPER 7.62MM / M24

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C6349186			10,000		20 AUG 2004	W

7. APPLICABLE REFERENCE			
TM NUMBER	TM DATE	TM NUMBER	TM DATE

COLUMN a – Enter TM item number.

COLUMN b – Enter the applicable condition status symbol.

COLUMN c – Enter deficiencies and shortcomings.

COLUMN d – Show corrective action for deficiency or shortcoming listed in Column c.

COLUMN e – Individual ascertaining completed corrective action initial in this column.

STATUS SYMBOLS

"X" – Indicates a deficiency in the equipment that places it in an inoperable status.

CIRCLED "X" – Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.

HORIZONTAL DASH "(-)" – Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.

DIAGONAL "(/)" – Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists.

FOR AIRCRAFT - Status symbols will be recorded in red.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE *(Person(s) performing inspection)*	8b. TIME	9a. SIGNATURE *(Maintenance Supervisor)*	9b. TIME	10. MANHOURS REQUIRED
	1039			

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
1	(-)	10,000 ROUNDS COUNT		

DA FORM 2404, APR 79 Replaces edition of 1 Jan 64, which will be used USAPPC V1.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349186.__0
FILE DATE AND TIME: 10/19/2004 06:52

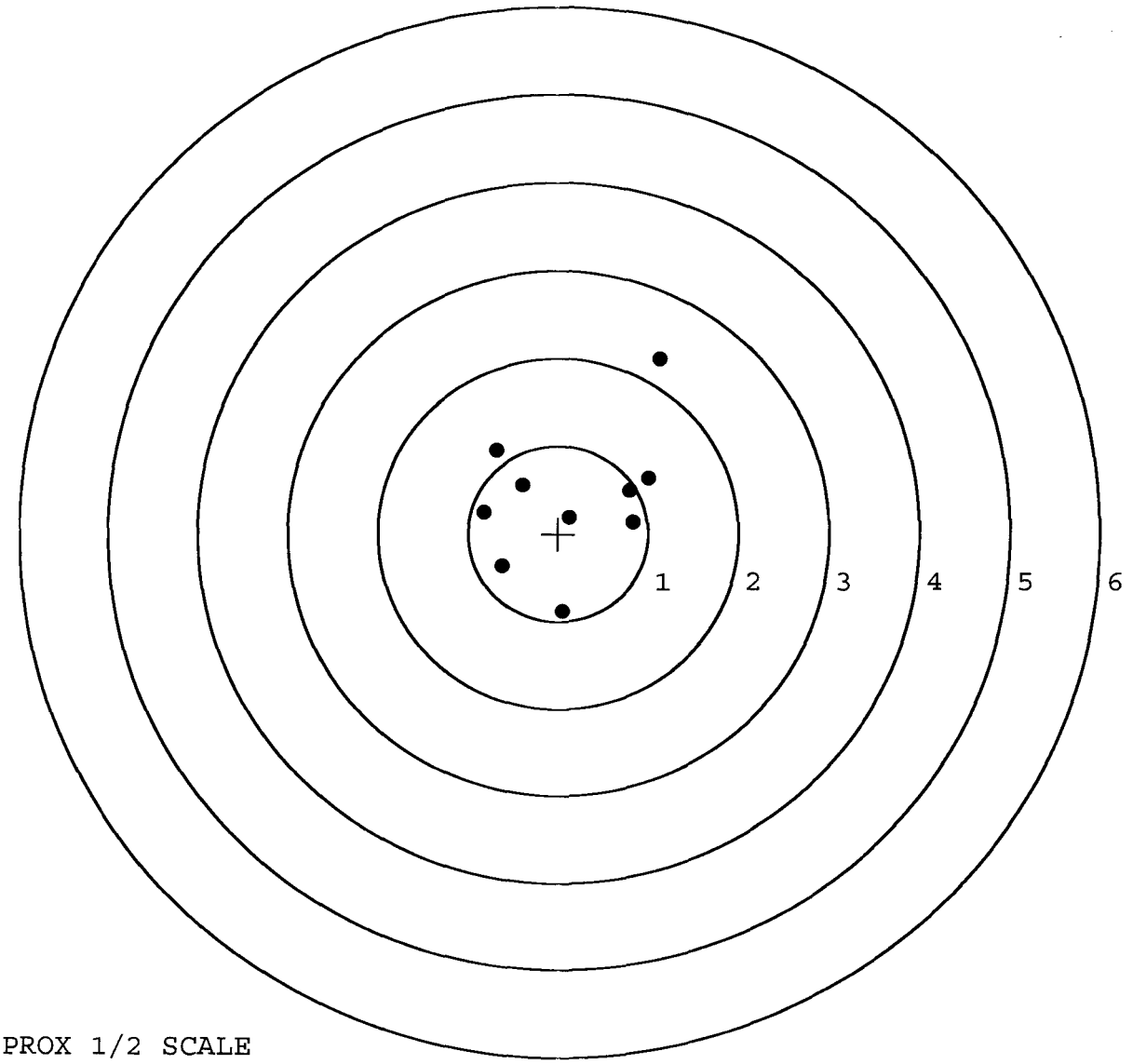
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.002
The Average Y Centroid of the Five Target Set:	-0.067
The Average Point of Impact of the Five Target Set:	0.067
The Average Mean Radius of the Five Target Set:	0.814
The Distance from POA to Centroid Target #1:	0.416
The Distance from Centroid Target #2 to Centroid Target #1:	1.065
The Distance from Centroid Target #3 to Centroid Target #1:	0.539
The Distance from Centroid Target #4 to Centroid Target #1:	0.473
The Distance from Centroid Target #5 to Centroid Target #1:	0.318

SERIAL NUMBER: C6349186.__0
TARGET NUMBER: 1
FILE DATE: 10/19/2004
FILE TIME: 06:52

X CENTROID:	0.142
Y CENTROID:	0.391
POA TO CENTROID:	0.416
HORZ SPREAD:	1.954
VERT SPREAD:	2.884
GROUP SPREAD:	3.078
MIN RADIUS:	0.211
MAX RADIUS:	1.881
MEAN RADIUS:	0.930
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.840	0.130
2:	0.798	0.493
3:	1.005	0.633
4:	1.128	1.992
5:	-0.686	0.951
6:	-0.399	0.547
7:	0.127	0.180
8:	-0.826	0.245
9:	-0.621	-0.373
10:	0.053	-0.892



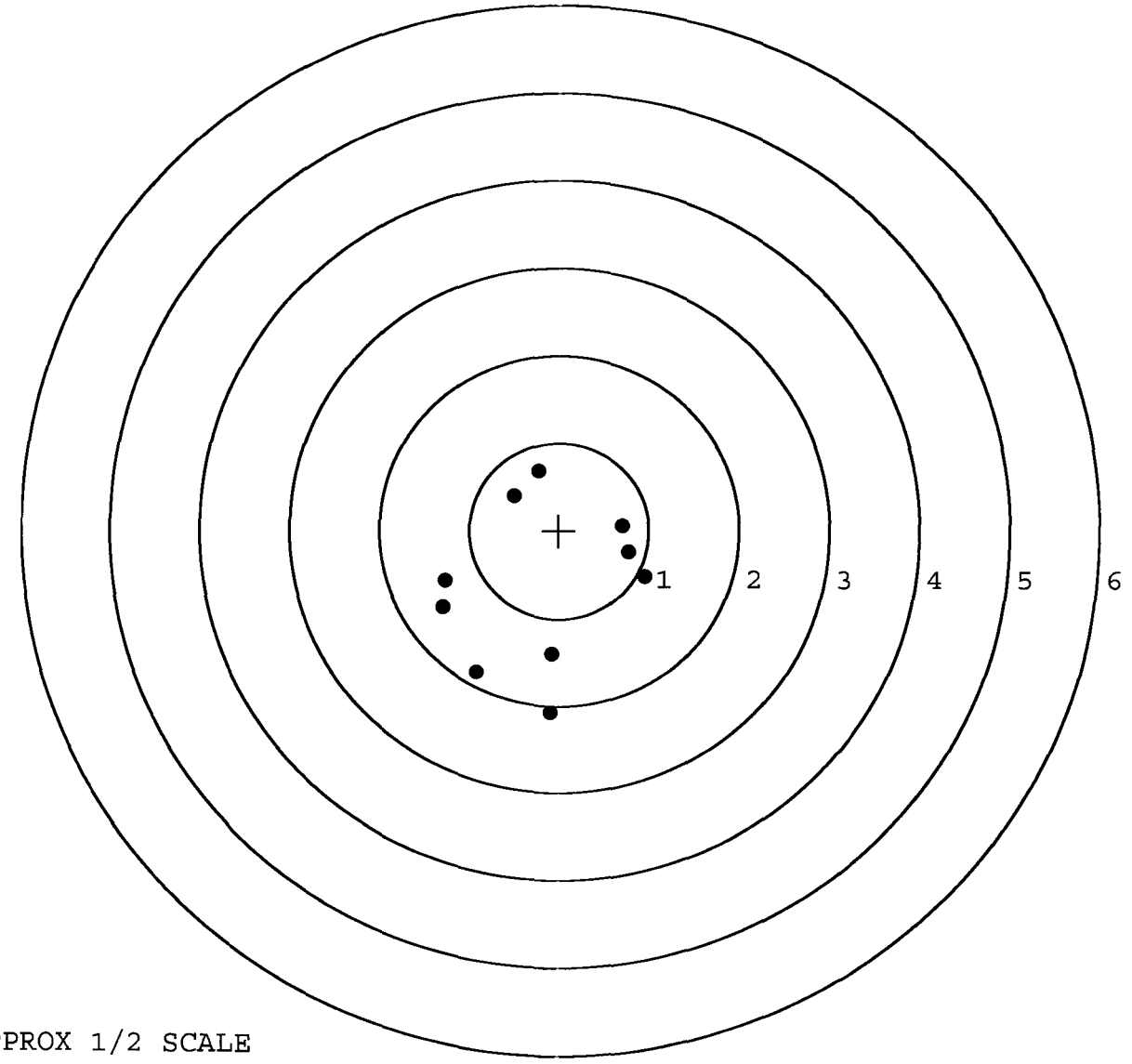
TARGET APPROX 1/2 SCALE

BARBER - M24 0109668

SERIAL NUMBER: C6349186.__0
TARGET NUMBER: 2
FILE DATE: 10/19/2004
FILE TIME: 06:52

X CENTROID:	-0.195
Y CENTROID:	-0.620
POA TO CENTROID:	0.650
HORZ SPREAD:	2.243
VERT SPREAD:	2.761
GROUP SPREAD:	2.764
MIN RADIUS:	0.793
MAX RADIUS:	1.466
MEAN RADIUS:	1.137
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	1
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.098	-2.083
2:	-0.082	-1.405
3:	-0.922	-1.609
4:	-1.289	-0.879
5:	-1.267	-0.578
6:	0.954	-0.523
7:	0.780	-0.245
8:	0.710	0.055
9:	-0.229	0.678
10:	-0.502	0.392



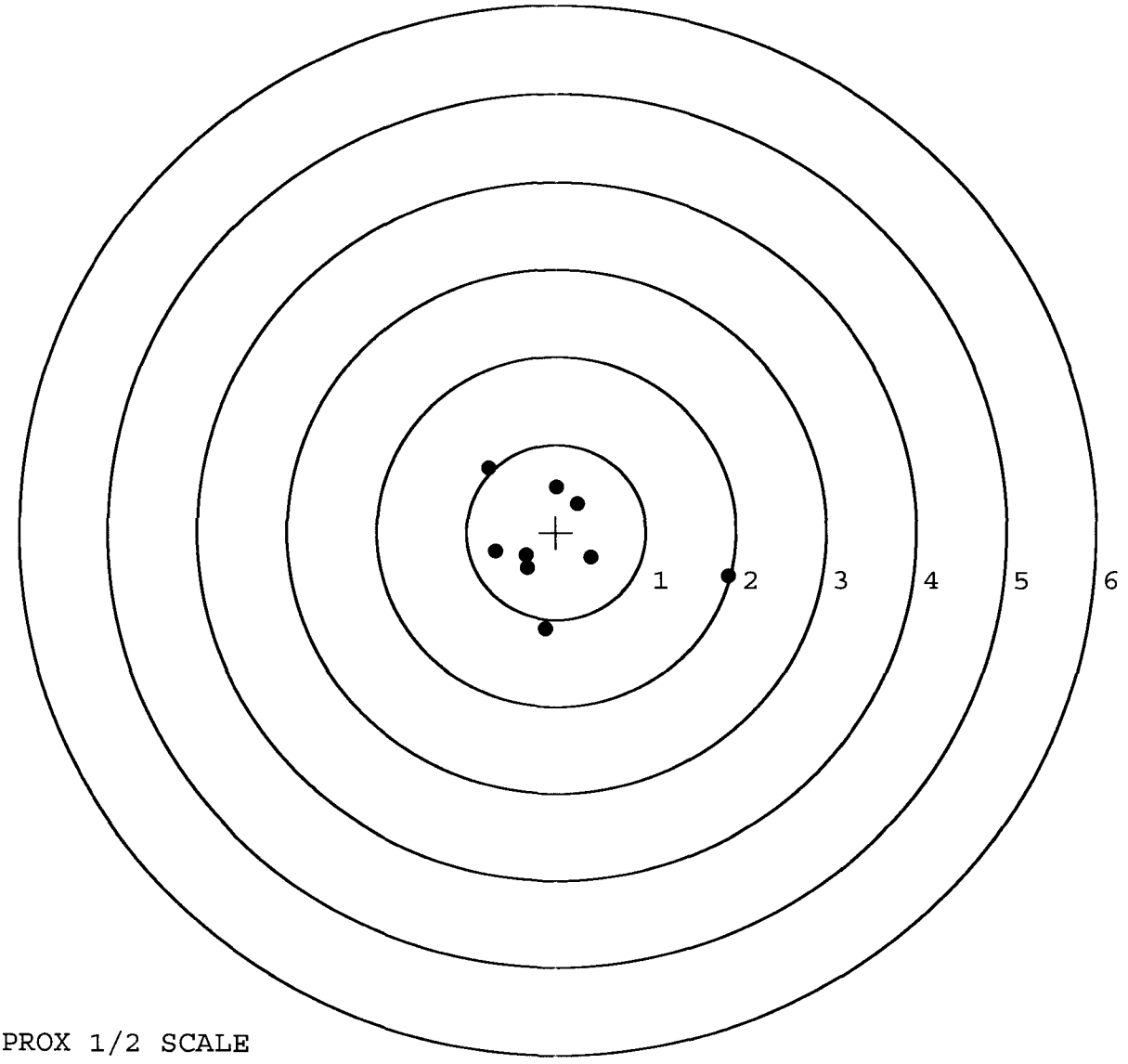
TARGET APPROX 1/2 SCALE

BARBER - M24 0109669

SERIAL NUMBER: C6349186.__0
TARGET NUMBER: 3
FILE DATE: 10/19/2004
FILE TIME: 06:52

X CENTROID:	0.037
Y CENTROID:	-0.138
POA TO CENTROID:	0.143
HORZ SPREAD:	2.676
VERT SPREAD:	1.841
GROUP SPREAD:	2.946
MIN RADIUS:	0.383
MAX RADIUS:	1.915
MEAN RADIUS:	0.798
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.917	-0.502
2:	0.389	-0.289
3:	-0.123	-1.111
4:	-0.335	-0.272
5:	-0.320	-0.417
6:	-0.674	-0.224
7:	-0.759	0.730
8:	0.001	0.515
9:	0.238	0.325



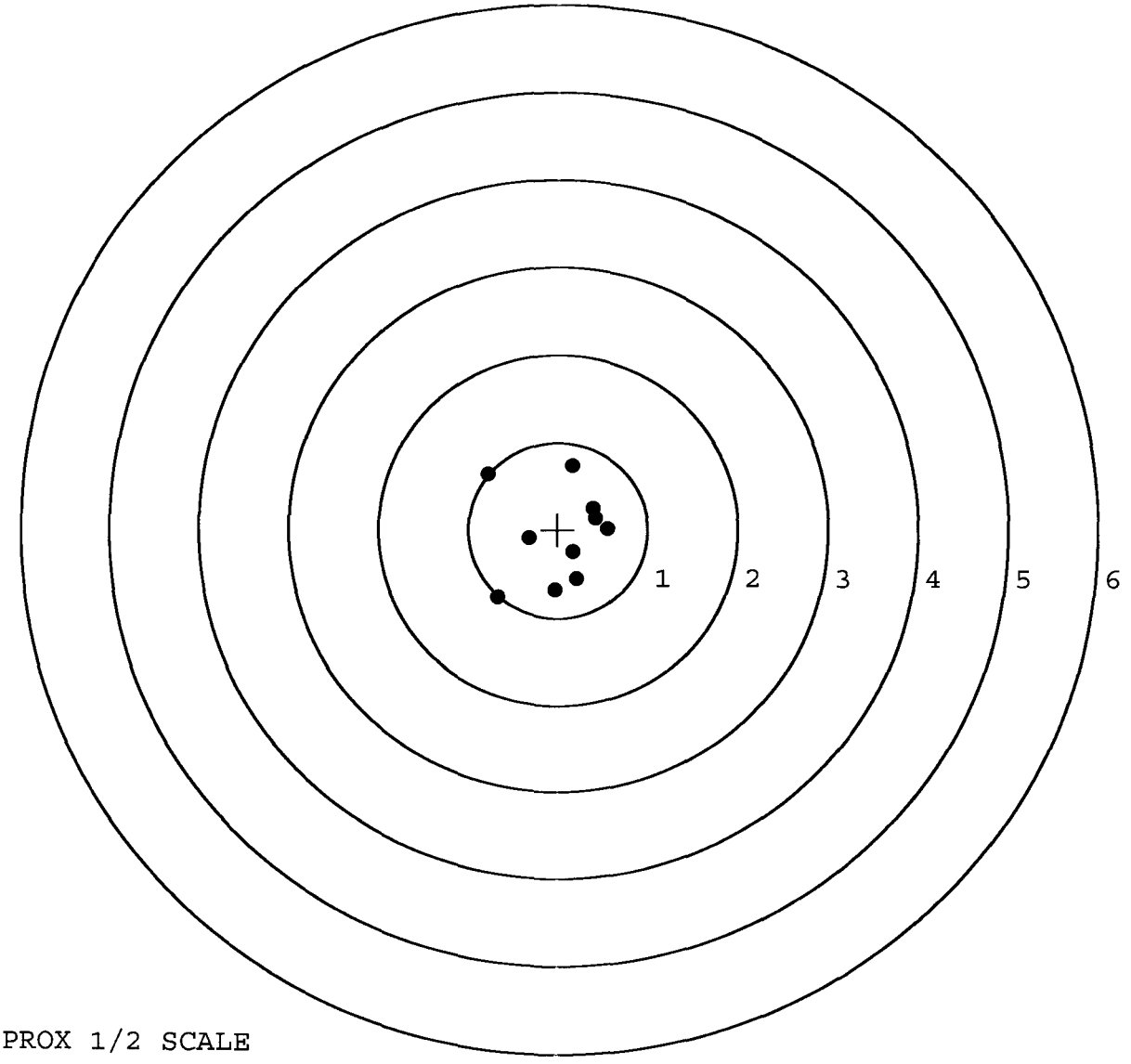
TARGET APPROX 1/2 SCALE

BARBER - M24 0109670

SERIAL NUMBER: C6349186.__0
TARGET NUMBER: 4
FILE DATE: 10/19/2004
FILE TIME: 06:52

X CENTROID:	0.008
Y CENTROID:	-0.064
POA TO CENTROID:	0.064
HORZ SPREAD:	1.338
VERT SPREAD:	1.507
GROUP SPREAD:	1.556
MIN RADIUS:	0.254
MAX RADIUS:	1.057
MEAN RADIUS:	0.610
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.161	0.736
2:	0.391	0.244
3:	0.415	0.128
4:	0.555	0.007
5:	-0.783	0.637
6:	-0.326	-0.106
7:	0.170	-0.260
8:	-0.668	-0.771
9:	-0.037	-0.687
10:	0.207	-0.564

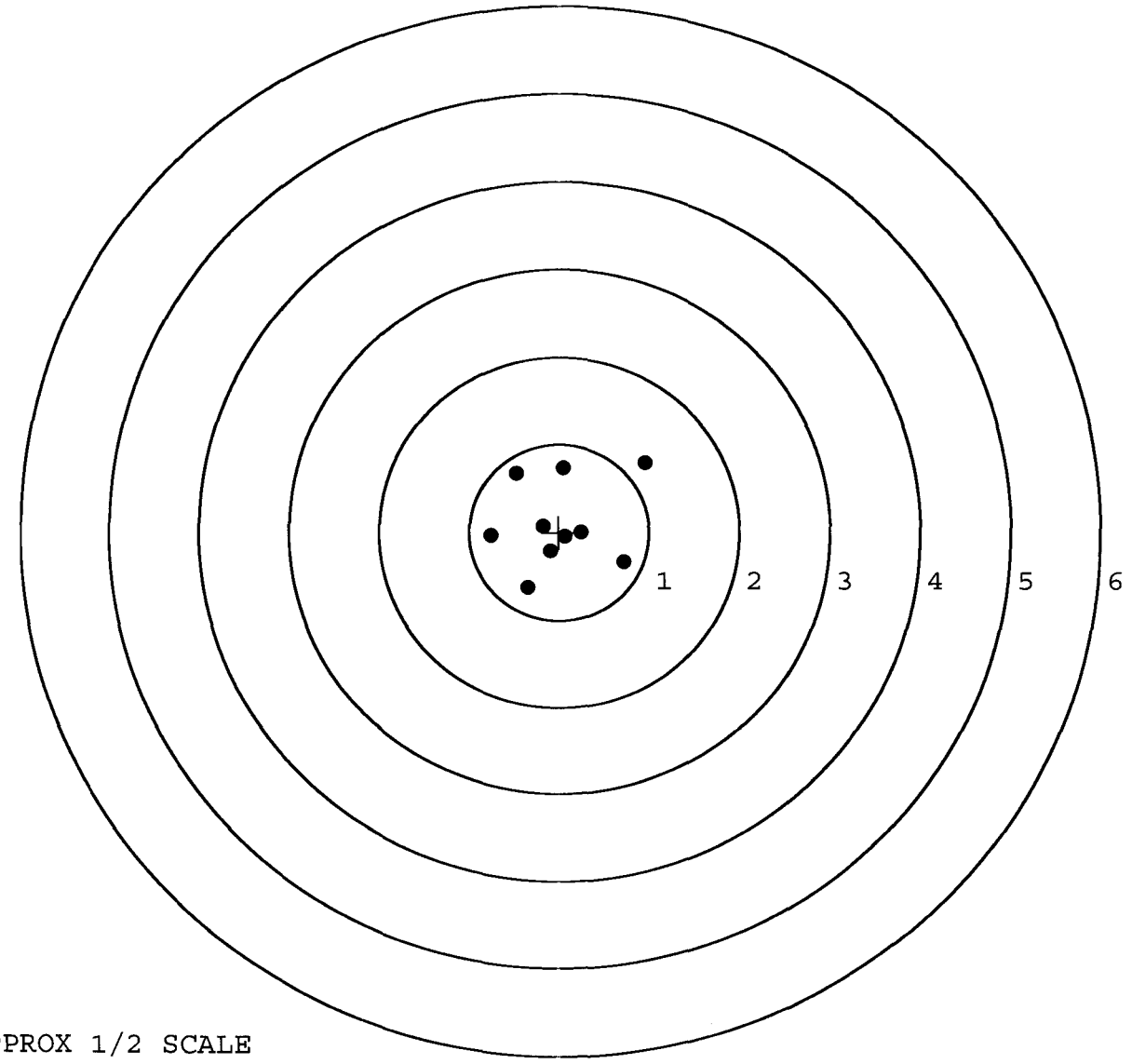


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349186.__0
TARGET NUMBER: 5
FILE DATE: 10/19/2004
FILE TIME: 06:52

X CENTROID:	0.018
Y CENTROID:	0.098
POA TO CENTROID:	0.100
HORZ SPREAD:	1.713
VERT SPREAD:	1.426
GROUP SPREAD:	1.935
MIN RADIUS:	0.155
MAX RADIUS:	1.168
MEAN RADIUS:	0.593
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.724	-0.339
2:	0.957	0.793
3:	0.047	0.729
4:	-0.479	0.667
5:	-0.756	-0.037
6:	-0.351	-0.633
7:	0.247	-0.004
8:	-0.098	-0.217
9:	-0.176	0.070
10:	0.067	-0.049



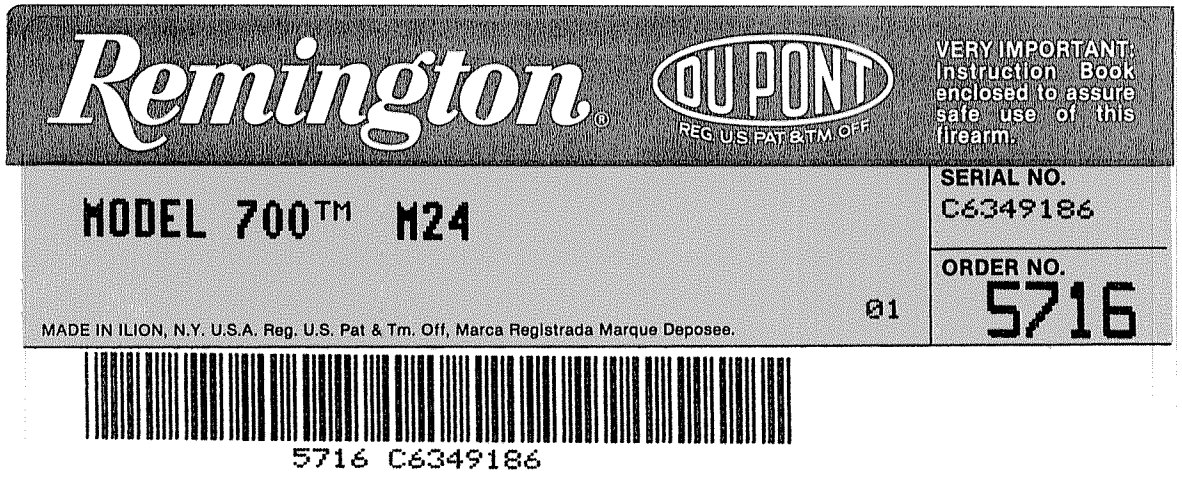
TARGET APPROX 1/2 SCALE

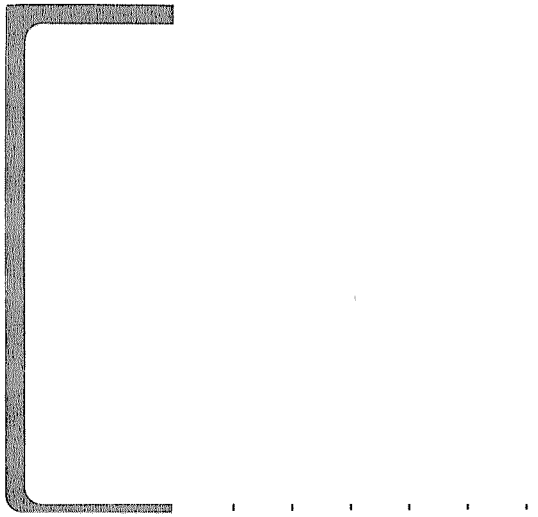
M-24 INSPECTION CHECKLIST

CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	8 5589		
SERIAL NUMBER	~~C63E9186~~ C6349186 RTL		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-29-04	RTL
560 A	RE-BARREL	10-6-04	AC
B	DRILL AND TAP	10-8-04	TRW
575	ASSEMBLE	10-6-04	RTL
600	PROOF	10-7-04	RTL
605	CHECK HEADSPACE	10-7-04	RTL
610	DIS-ASSEMBLE GUN	10-7-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	10-11-04	SB/CW
618	ROTO-BLAST	10-11-04	LB
620	APPLY COATINGS	10/14/04	
625 A	FINAL ASSEMBLY	10-17-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-19-04	TRW
655	FINAL INSPECT	10-25-04	RTL
660	PACK	11-5-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED





Bolt replaced

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349186

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT 12-20 89		RW
600	Proof	12-20 89		[illegible]
607	Check Headspace	12-20 89		[illegible]
610	Dis-assemble Gun	12-20 89		RW
612	Magnaflux Barrel Action	1-5-90		KER
	Magnaflux Bolt	1-5-90		
615	Rollmark Caliber		1/5/90	JS
17	Drill and Tap Sight Holes		1/8/90	F-B
618	Polish Barrel RB		1/9/90	WB
620	Apply Coatings (Barrel Action)		1-15-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/16/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/16/90	RW
	C) Inspect Ejector Hole for Chamfer		1/16/90	RW
	D) Oil Firing Pin Ass'y		1/16/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		17 Jan 90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1-19-90	DL
	G) Safety Off Force	3	3	3			1-19-90	DL
	H) Trigger Pull Test & Retainability						17Jan90	DS
	I) Firing Pin Indent	.020	.020	.0205			1-19-90	DL
	J) Assemble Stock						3/6/90	RW
	K) Assemble Swivel Studs						3/13/90	WB
	L) Attach Front and Rear Sight Assemblies						3/6/90	RW
	M) Iron Sight Alignment						3/6/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/6/90	RW
	O) Attach Scope to Rifle						3/6/90	WB
	P) Detach & Attach Scope 20 Times						3/6/90	WB
640	Gallery Target & Test						3-8-90	A
	A) Time						11	A
	B) Malfunctions						11	A
	C) Pierced Primers						11	A
	D) Optical Clearity of Scope						11	A
645	Inspect for Live Ammo						3-8-90	A
655	Final Inspection A) Headspace						3/13/90	WB
	B) Trigger Pull	2.37	2.31	2.31	2.36	2.27	3/13/90	WB
	C) Function						3/13/90	WB
660	Pack						19Mar90	DS

MOD. _____ GA. CAL. _____ GUN # C639186

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	chip out of stock AT TANG	RH
	2nd	repaired 3-14-90	AC
	3rd		
	4th		

FUNCTION RD 6654 Rev 1

TEST INIT.	ACTION TO CORRECT	ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
	ENGINEER	
PROOF		
TEST		
TGT		
	ENGINEER	
PROOF		
TEST		
TGT		

2.5 TRIGGER PULL TEST

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

SERIAL NO. C6349186
DATE 17 Jan 90
TESTER [illegible]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.67	2.11	2.17	2.37	MIN. SETTING,
PULL #2	2.66	2.09	2.05	2.31	NO AVG. OF 5
PULL #3	2.59	2.09	2.27	2.31	READINGS ACCEPT-
PULL #4	2.63	2.49	2.12	2.36	ABLE LESS THAN 2#
PULL #5	2.66	2.35	2.19	2.21	
TOTAL	13.21	11.13	10.80		
AVG.	2.642	2.226	2.16		

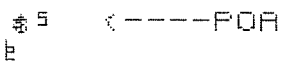
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.99	3.07		
PULL #2	2.92	2.97		
PULL #3	2.92	2.56		
PULL #4	2.93	2.82		
PULL #5	2.80	2.93		
TOTAL	14.56	14.35		
AVG.	2.912	2.87		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.02	3.74		3.83
PULL #2	4.05	3.83		3.91
PULL #3	4.06	3.91		4.00
PULL #4	4.08	3.85		3.93
PULL #5	4.01	3.81		3.97
TOTAL	20.22	19.14		19.64
AVG.	4.044	3.828		3.928

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349186
8 Mar 1990

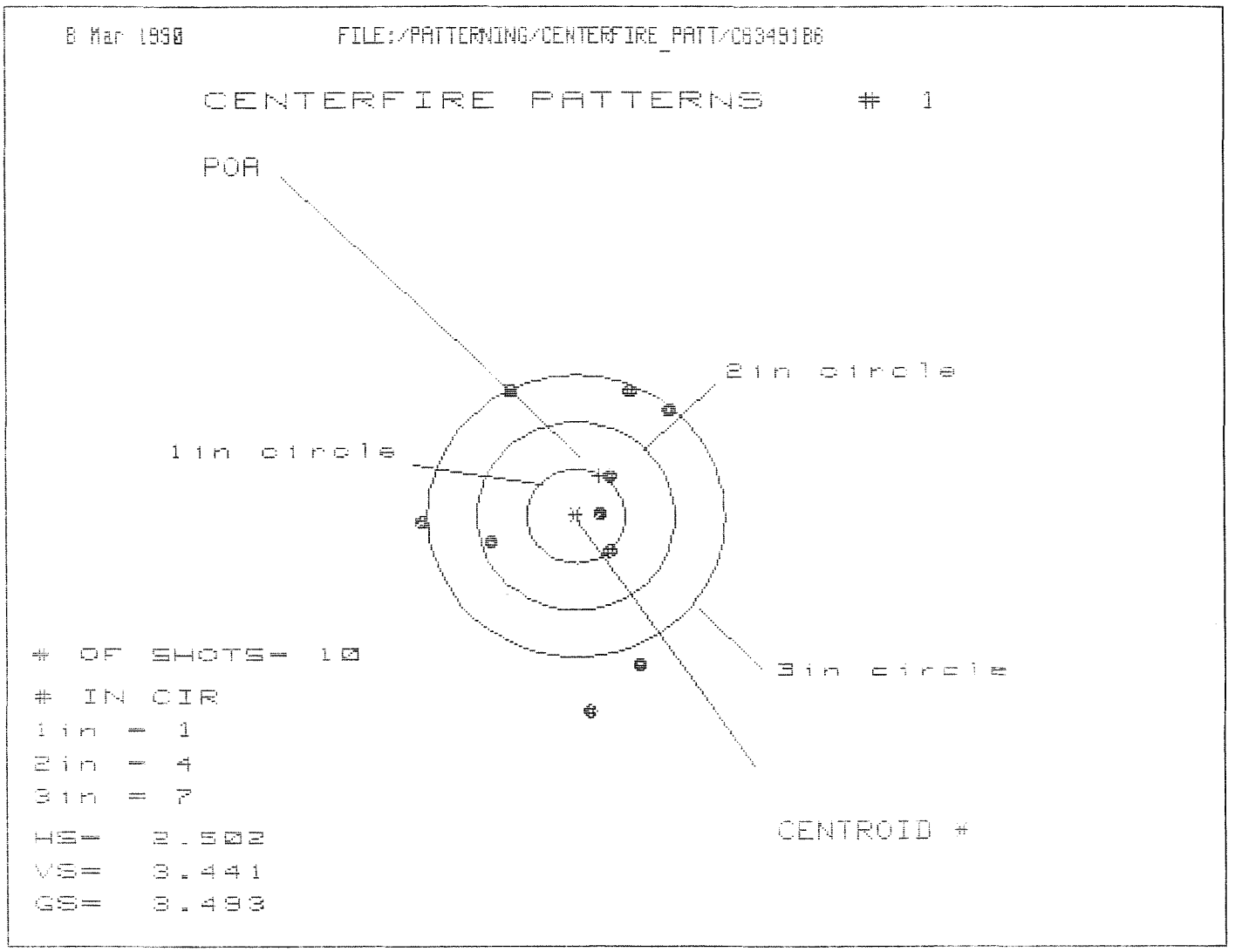
CENTROIDAL DISTANCES

Ø	TO	1	.491Ø82
1	TO	2	.146485
1	TO	3	.457451
1	TO	4	.421385
1	TO	5	.8Ø7575

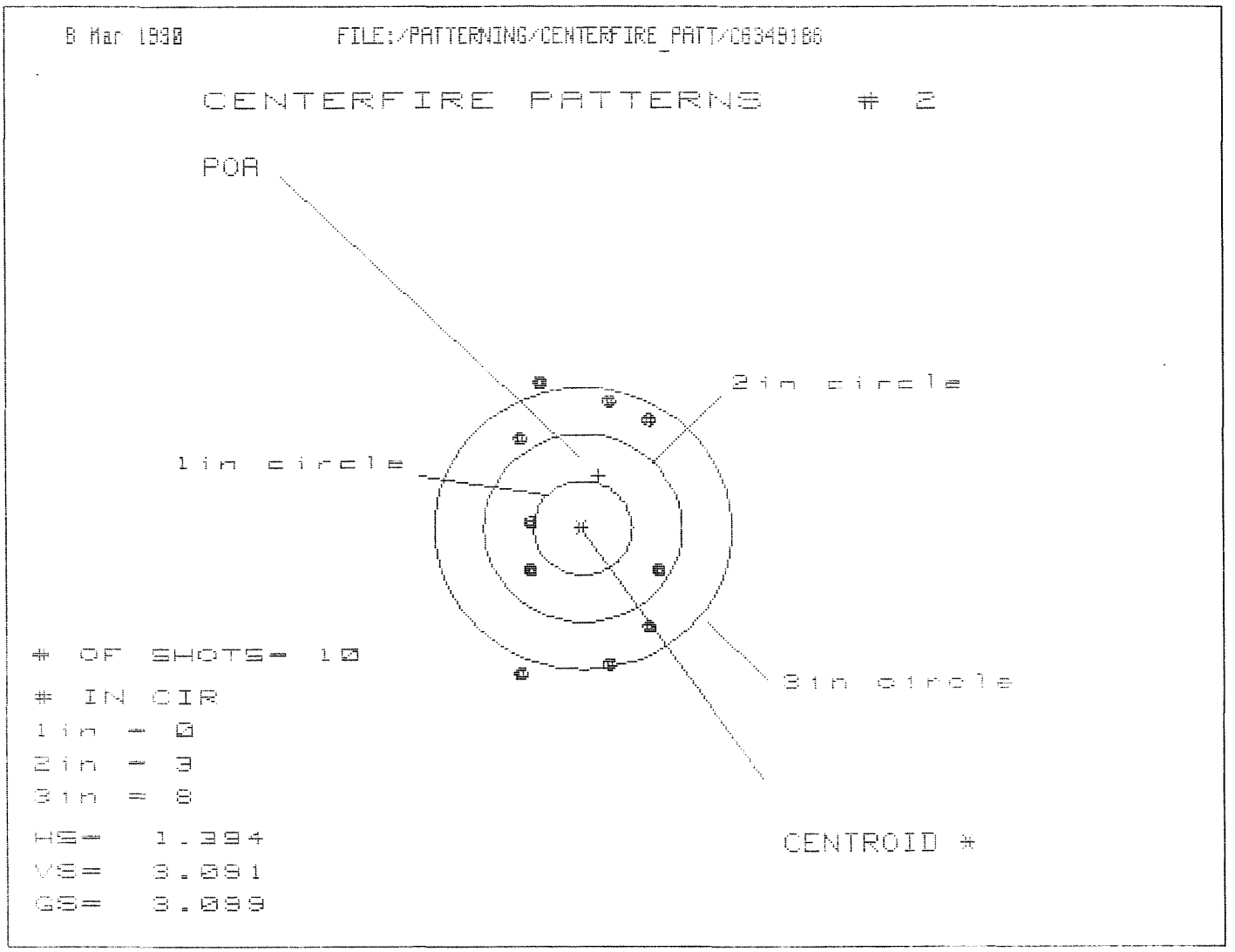


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0034
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2136
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .213627

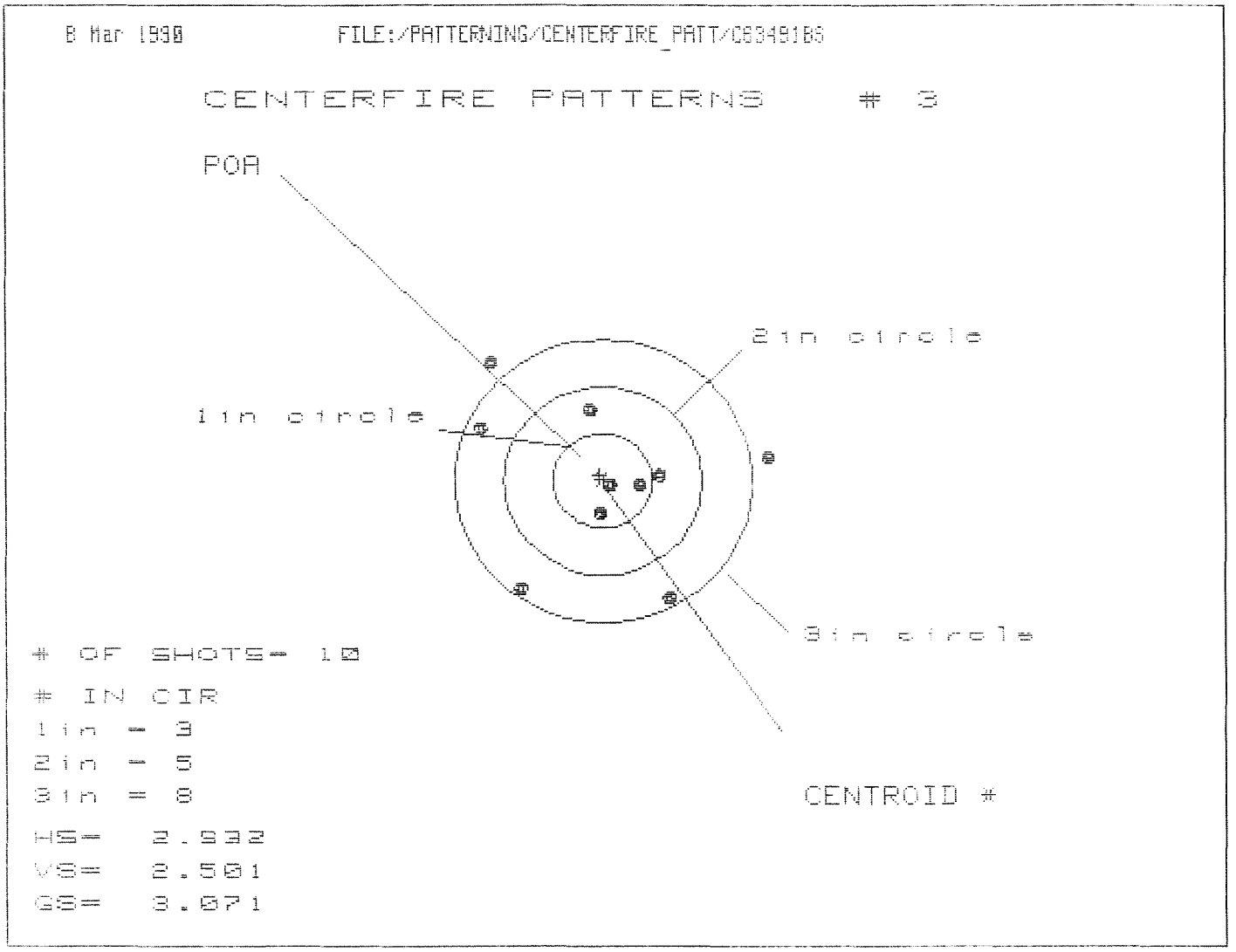
THE AMR FOR THIS RIFLE IS: 1.091



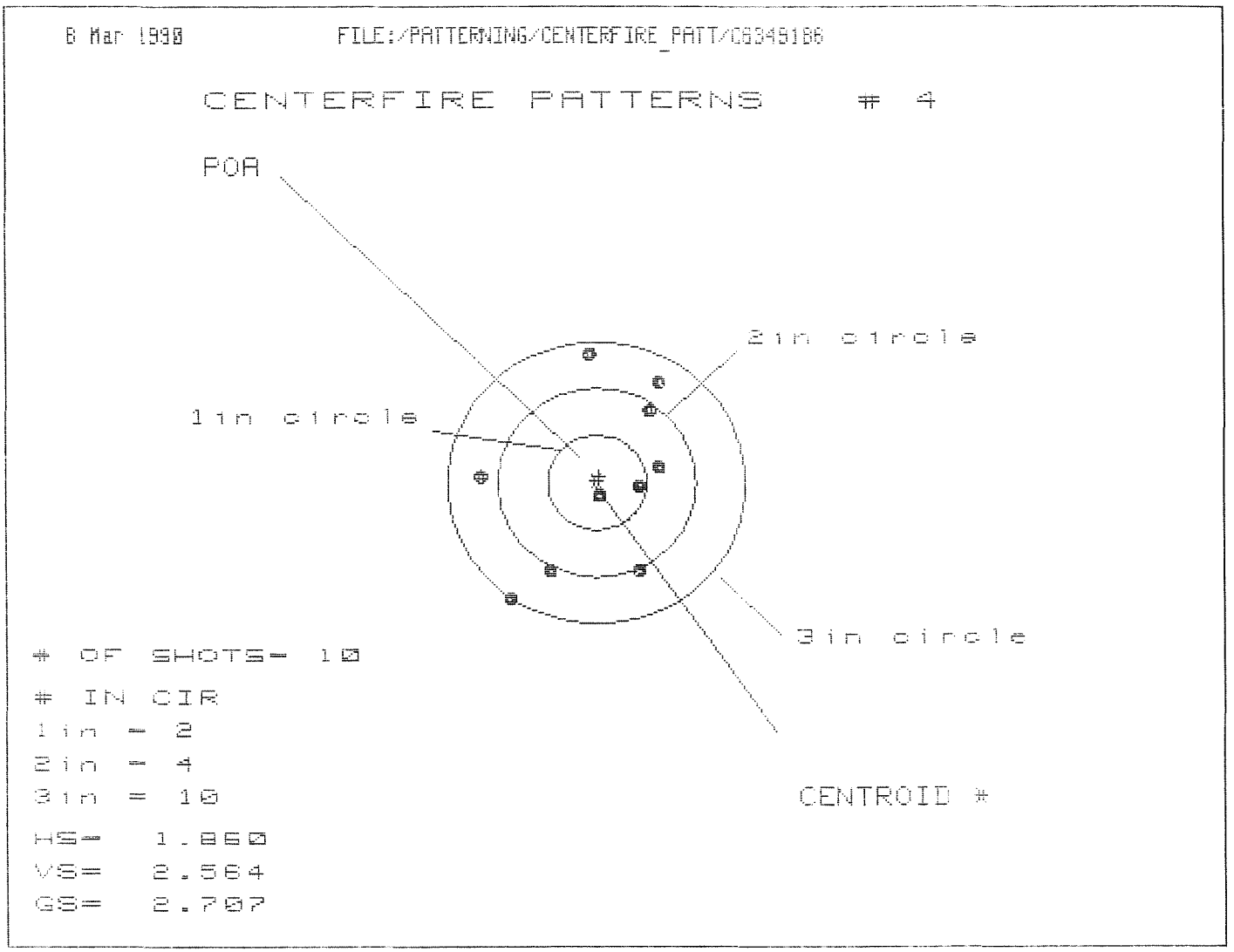
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.939	.957	1.036
MINIMUM X	:	-1.563	-1.545	-1.466
MAXIMUM Y	:	1.378	1.149	.927
MINIMUM Y	:	-2.063	-1.775	-.848
CENTROID X	:	-.239	-.257	-.336
CENTROID Y	:	-.429	-.200	.022
POA TO CENTROID in.	:	.491	.326	.337
MIN RADIUS	:	.255	.347	.467
MEAN RADIUS	:	1.199	1.089	.995
MAX RADIUS	:	2.070	1.884	1.540
HORIZONTAL SPREAD	:	2.502	2.502	2.502
VERTICAL SPREAD	:	3.441	2.924	1.775
EXTREME SPREAD	:	3.493	3.154	2.746
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	



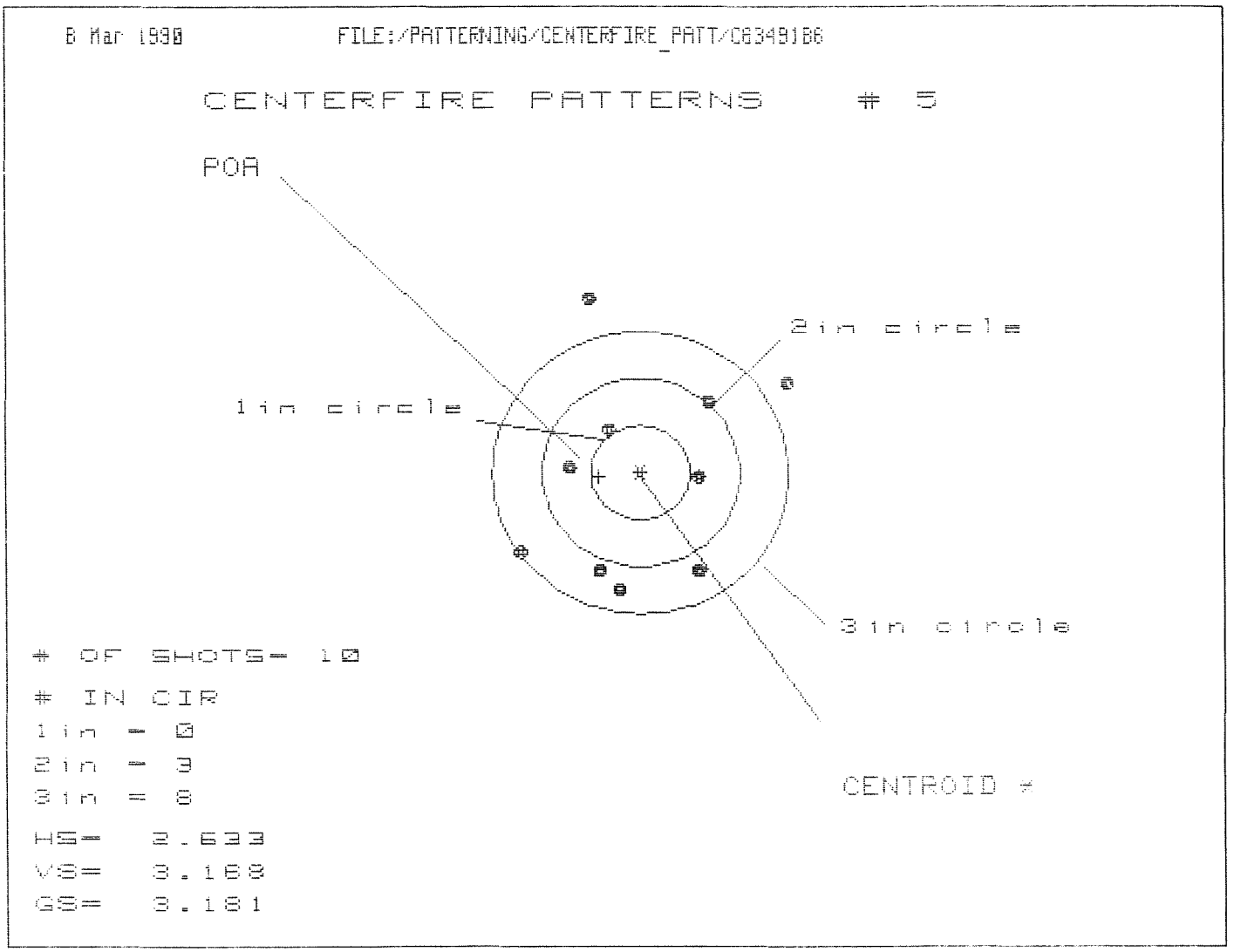
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.767	.698	.641
MINIMUM X	:	-.627	-.696	-.753
MAXIMUM Y	:	1.569	1.400	1.313
MINIMUM Y	:	-1.522	-1.624	-1.449
CENTROID X	:	-.166	-.097	-.040
CENTROID Y	:	-.556	-.387	-.562
POA TO CENTROID in.	:	.580	.399	.563
MIN RADIUS	:	.505	.589	.631
MEAN RADIUS	:	1.189	1.136	1.083
MAX RADIUS	:	1.643	1.631	1.452
HORIZONTAL SPREAD	:	1.394	1.394	1.394
VERTICAL SPREAD	:	3.091	3.024	2.762
EXTREME SPREAD	:	3.099	3.085	2.764
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.677	.858	.742
MINIMUM X	:	-1.255	-1.068	-1.184
MAXIMUM Y	:	1.236	1.259	.922
MINIMUM Y	:	-1.265	-1.242	-1.084
CENTROID X	:	.030	-.157	-.041
CENTROID Y	:	-.059	-.082	-.240
POA TO CENTROID in.	:	.066	.177	.243
MIN RADIUS	:	.107	.295	.170
MEAN RADIUS	:	.964	.917	.796
MAX RADIUS	:	1.691	1.562	1.383
HORIZONTAL SPREAD	:	2.932	1.926	1.926
VERTICAL SPREAD	:	2.501	2.501	2.006
EXTREME SPREAD	:	3.071	3.071	2.636
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.663	.563	.546
MINIMUM X	:	-1.197	-1.297	-1.314
MAXIMUM Y	:	1.377	1.246	1.081
MINIMUM Y	:	-1.187	-1.097	-.942
CENTROID X	:	-.025	.075	.092
CENTROID Y	:	-.066	.065	-.090
POA TO CENTROID in.	:	.071	.100	.129
MIN RADIUS	:	.180	.300	.151
MEAN RADIUS	:	.958	.883	.809
MAX RADIUS	:	1.490	1.301	1.315
HORIZONTAL SPREAD	:	1.860	1.860	1.860
VERTICAL SPREAD	:	2.564	2.343	2.023
EXTREME SPREAD	:	2.707	2.394	2.312
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.451	1.398	.794
MINIMUM X	:	-1.182	-1.235	-1.060
MAXIMUM Y	:	1.896	1.180	1.111
MINIMUM Y	:	-1.272	-1.061	-.913
CENTROID X	:	.417	.470	.295
CENTROID Y	:	.042	-.169	-.317
POA TO CENTROID in.	:	.419	.500	.433
MIN RADIUS	:	.548	.530	.685
MEAN RADIUS	:	1.145	1.039	.918
MAX RADIUS	:	1.955	1.829	1.365
HORIZONTAL SPREAD	:	2.633	2.633	1.854
VERTICAL SPREAD	:	3.168	2.241	2.024
EXTREME SPREAD	:	3.181	3.172	2.417
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	