C6498840

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

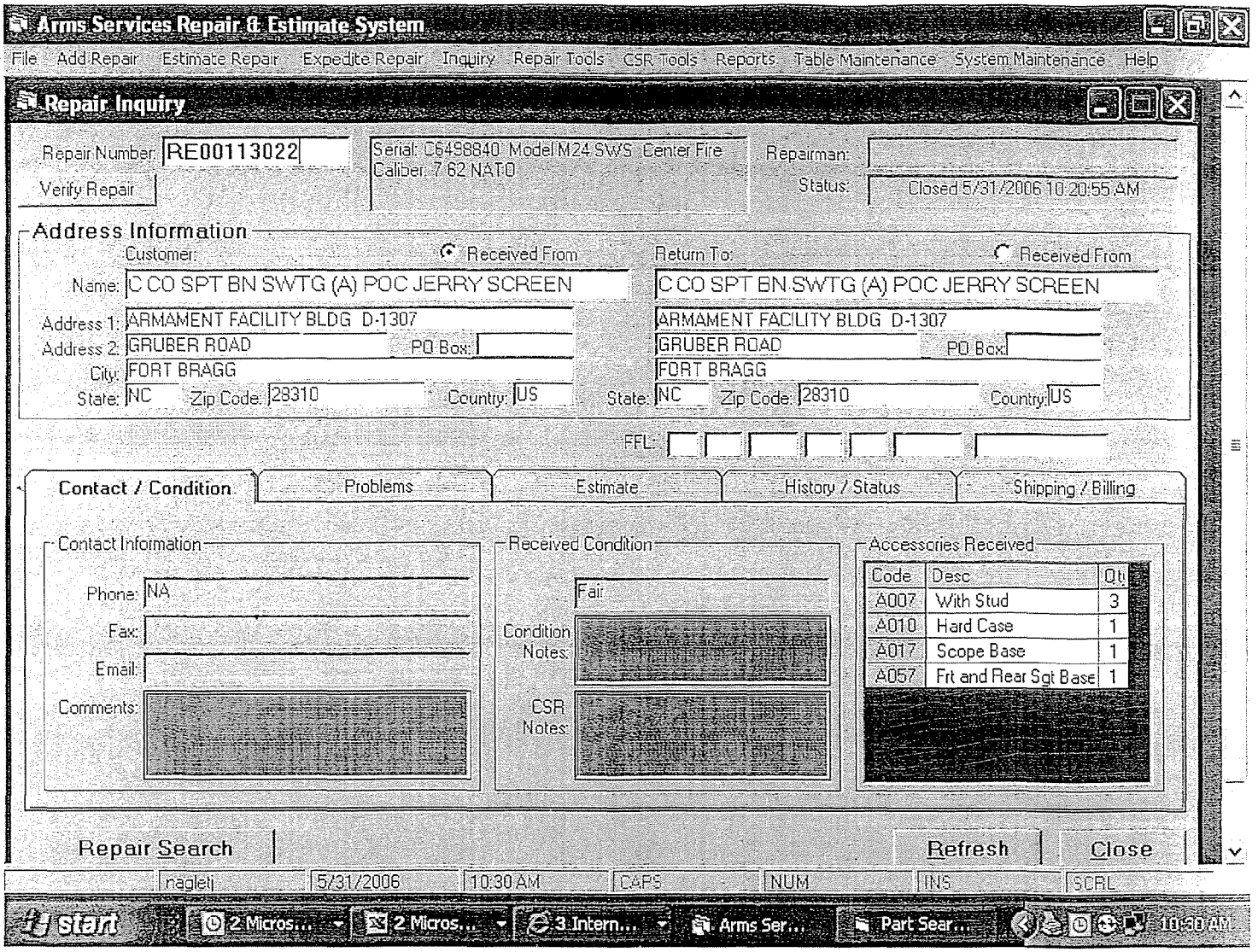
Order No. 5716

*Includes 1 in chamber.

Remington

M2400008755

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. 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: RE00113022
Verify Repair
Serial: C6498840 Model M24 SWS Center Fire
Caliber: 7.62 NATO
Repairman:
Status: Closed 5/31/2006 10:20:55 AM
Address Information
Customer: Received From
Name: C CO SPT BN SWTG (A) POC JERRY SCREEN
Address 1: ARMAMENT FACILITY BLDG D-1307
Address 2: GRUBER ROAD PO Box:
City: FORT BRAGG
State: NC Zip Code: 28310 Country: US
Return To: Received From
C CO SPT BN SWTG (A) POC JERRY SCREEN
ARMAMENT FACILITY BLDG D-1307
GRUBER ROAD PO Box:
FORT BRAGG
State: NC Zip Code: 28310 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone: NA
Fax:
Email:
Comments:
Received Condition
Fair
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A007 With Stud 3
A010 Hard Case 1
A017 Scope Base 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
nagleti 5/31/2006 10:30 AM CAPS NUM INS SCRL
start
2 Micros...
2 Micros...
3 Intern...
Arms Ser...
Part Sear...
10:30 AM


Serial Number:
C6498840
Model: M24 SWS
RE00113022

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498840.__1
FILE DATE AND TIME: 07/12/2006 08:21

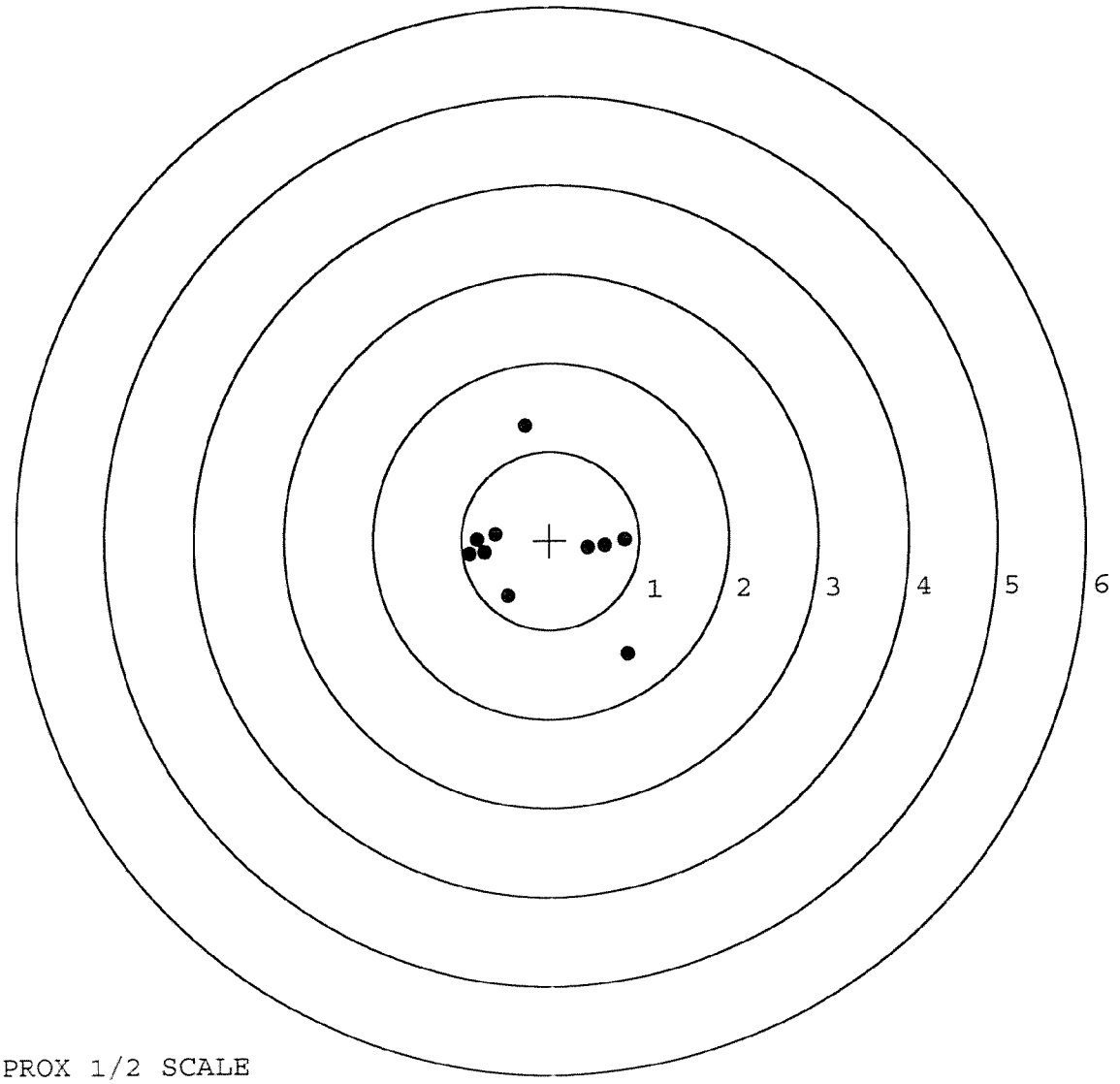
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.090
The Average Y Centroid of the Five Target Set:	-0.083
The Average Point of Impact of the Five Target Set:	0.123
The Average Mean Radius of the Five Target Set:	0.689
The Distance from POA to Centroid Target #1:	0.148
The Distance from Centroid Target #2 to Centroid Target #1:	0.173
The Distance from Centroid Target #3 to Centroid Target #1:	0.200
The Distance from Centroid Target #4 to Centroid Target #1:	0.184
The Distance from Centroid Target #5 to Centroid Target #1:	0.059

SERIAL NUMBER: C6498840.__1
TARGET NUMBER: 1
FILE DATE: 07/12/2006
FILE TIME: 08:21

X CENTROID:	-0.110
Y CENTROID:	-0.099
POA TO CENTROID:	0.148
HORZ SPREAD:	1.771
VERT SPREAD:	2.580
GROUP SPREAD:	2.818
MIN RADIUS:	0.533
MAX RADIUS:	1.530
MEAN RADIUS:	0.847
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.834	-0.013
2:	0.616	-0.067
3:	0.426	-0.091
4:	0.861	-1.282
5:	-0.478	-0.624
6:	-0.273	1.298
7:	-0.614	0.073
8:	-0.823	0.008
9:	-0.738	-0.139
10:	-0.910	-0.154

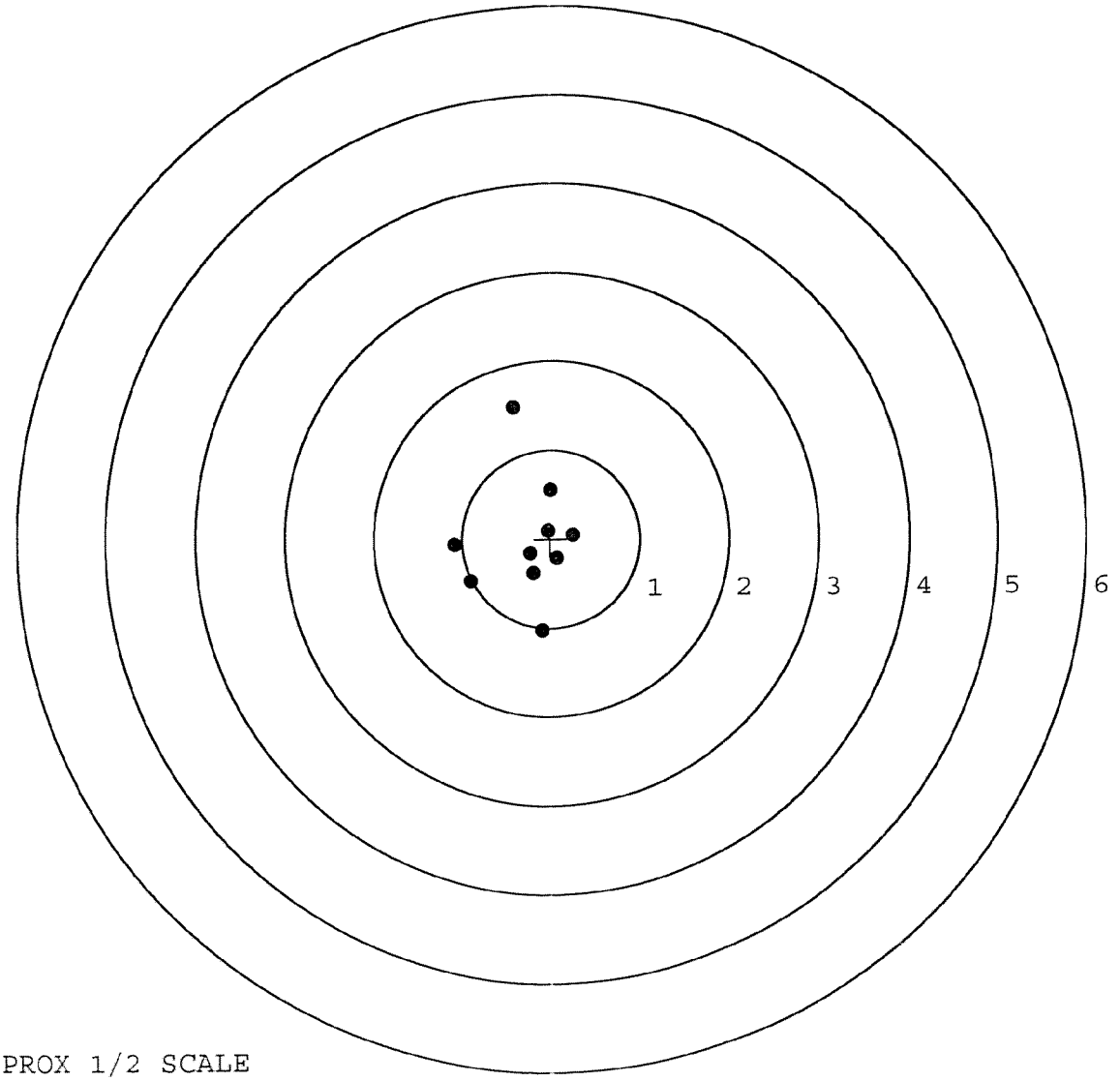


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840.__1
TARGET NUMBER: 2
FILE DATE: 07/12/2006
FILE TIME: 08:21

X CENTROID:	-0.263
Y CENTROID:	-0.020
POA TO CENTROID:	0.264
HORZ SPREAD:	1.338
VERT SPREAD:	2.514
GROUP SPREAD:	2.535
MIN RADIUS:	0.145
MAX RADIUS:	1.504
MEAN RADIUS:	0.648
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.098	-1.039
2:	-0.905	-0.480
3:	-1.084	-0.067
4:	-0.425	1.475
5:	0.002	0.552
6:	-0.228	-0.161
7:	-0.200	-0.393
8:	-0.027	0.091
9:	0.254	0.044
10:	0.077	-0.223

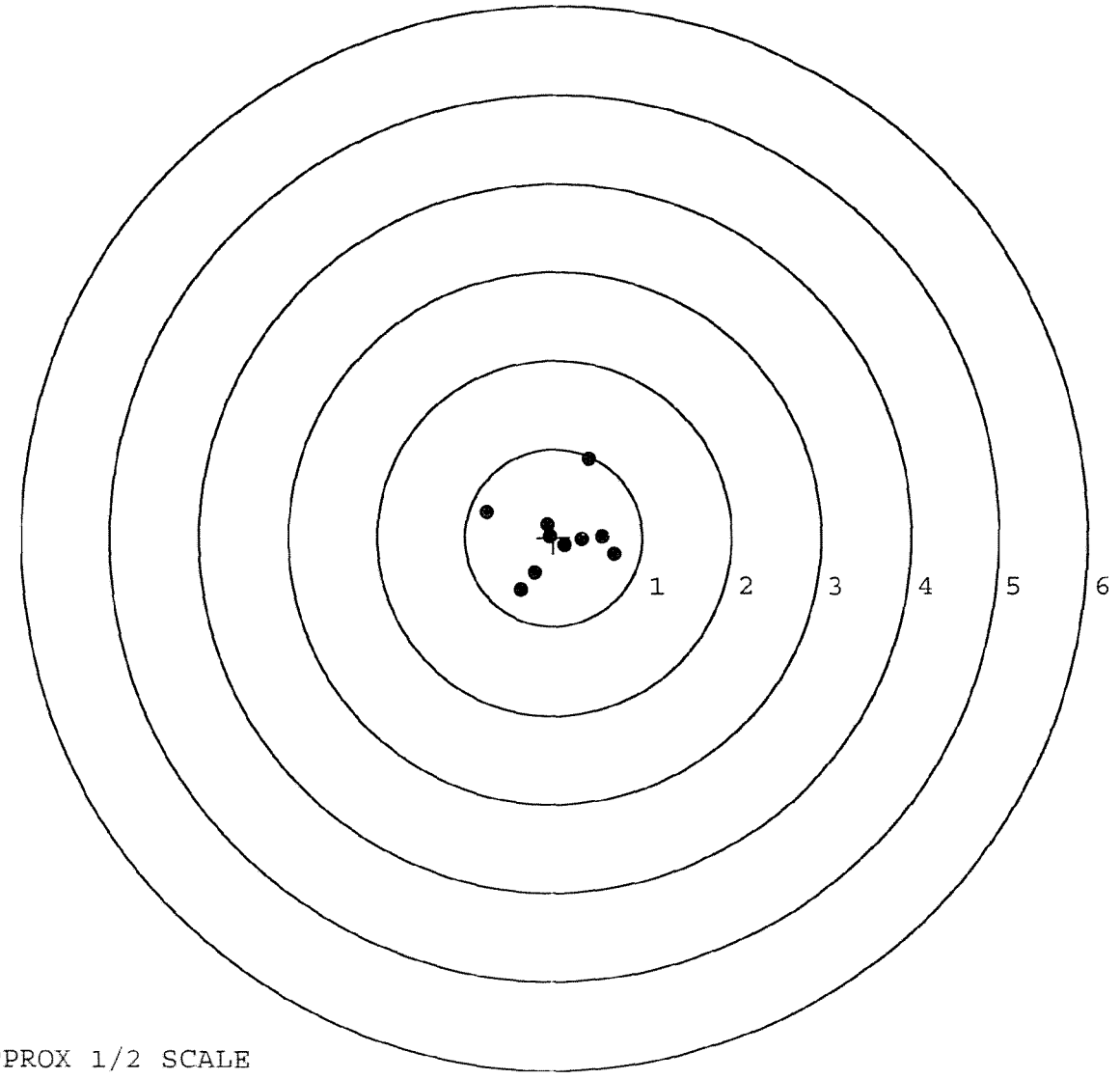


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840.__1
TARGET NUMBER: 3
FILE DATE: 07/12/2006
FILE TIME: 08:21

X CENTROID:	0.063
Y CENTROID:	0.001
POA TO CENTROID:	0.063
HORZ SPREAD:	1.437
VERT SPREAD:	1.478
GROUP SPREAD:	1.667
MIN RADIUS:	0.109
MAX RADIUS:	0.943
MEAN RADIUS:	0.486
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.399	0.882
2:	0.680	-0.199
3:	0.550	0.011
4:	-0.210	-0.400
5:	-0.372	-0.596
6:	-0.757	0.291
7:	-0.072	0.142
8:	-0.046	0.010
9:	0.128	-0.096
10:	0.326	-0.032

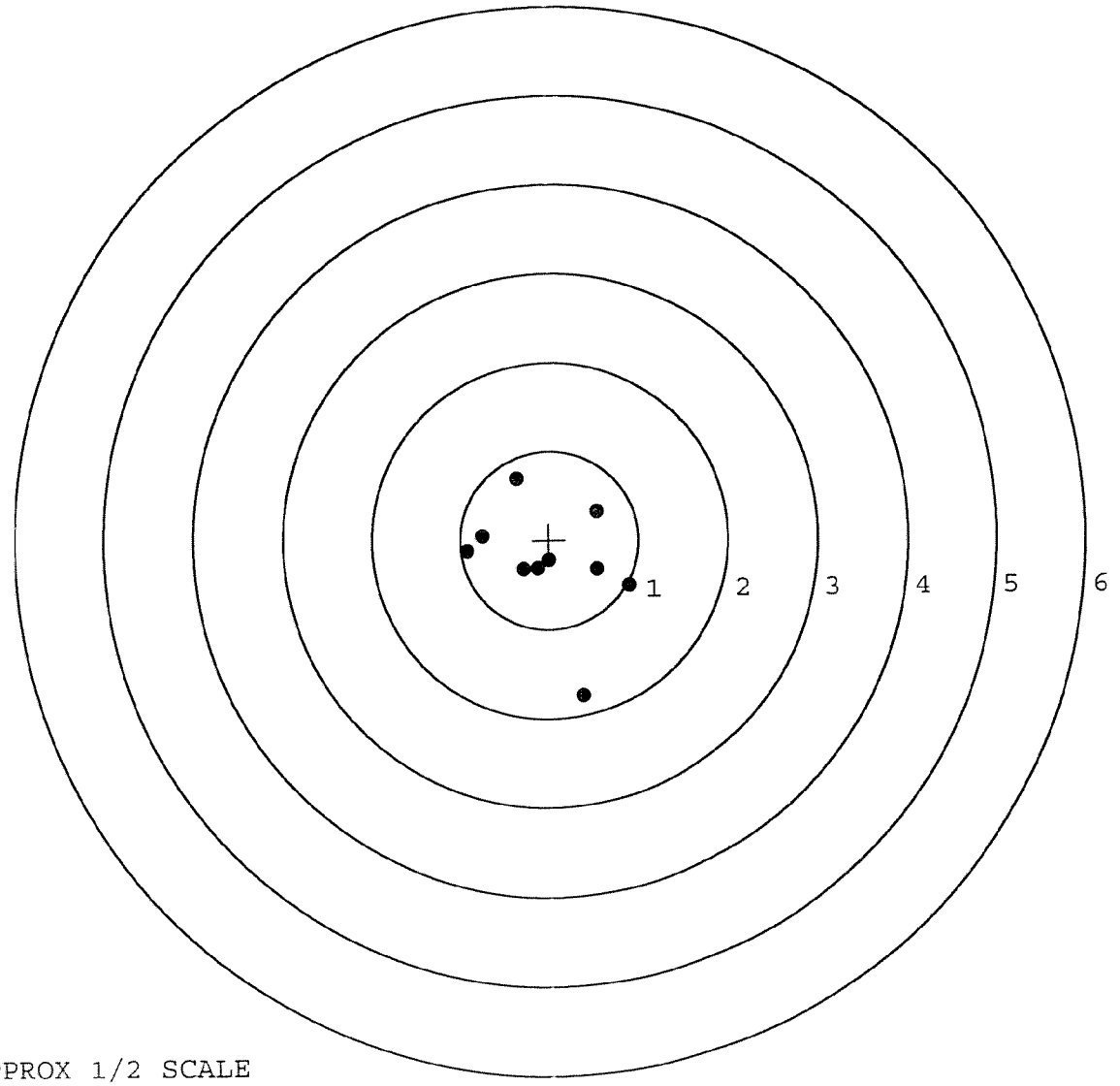


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840.__1
TARGET NUMBER: 4
FILE DATE: 07/12/2006
FILE TIME: 08:21

X CENTROID:	-0.011
Y CENTROID:	-0.255
POA TO CENTROID:	0.255
HORZ SPREAD:	1.816
VERT SPREAD:	2.452
GROUP SPREAD:	2.562
MIN RADIUS:	0.028
MAX RADIUS:	1.547
MEAN RADIUS:	0.703
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.378	-1.752
2:	0.894	-0.516
3:	0.535	-0.337
4:	0.538	0.316
5:	-0.365	0.700
6:	-0.752	0.049
7:	-0.922	-0.126
8:	-0.292	-0.332
9:	-0.129	-0.322
10:	0.001	-0.230

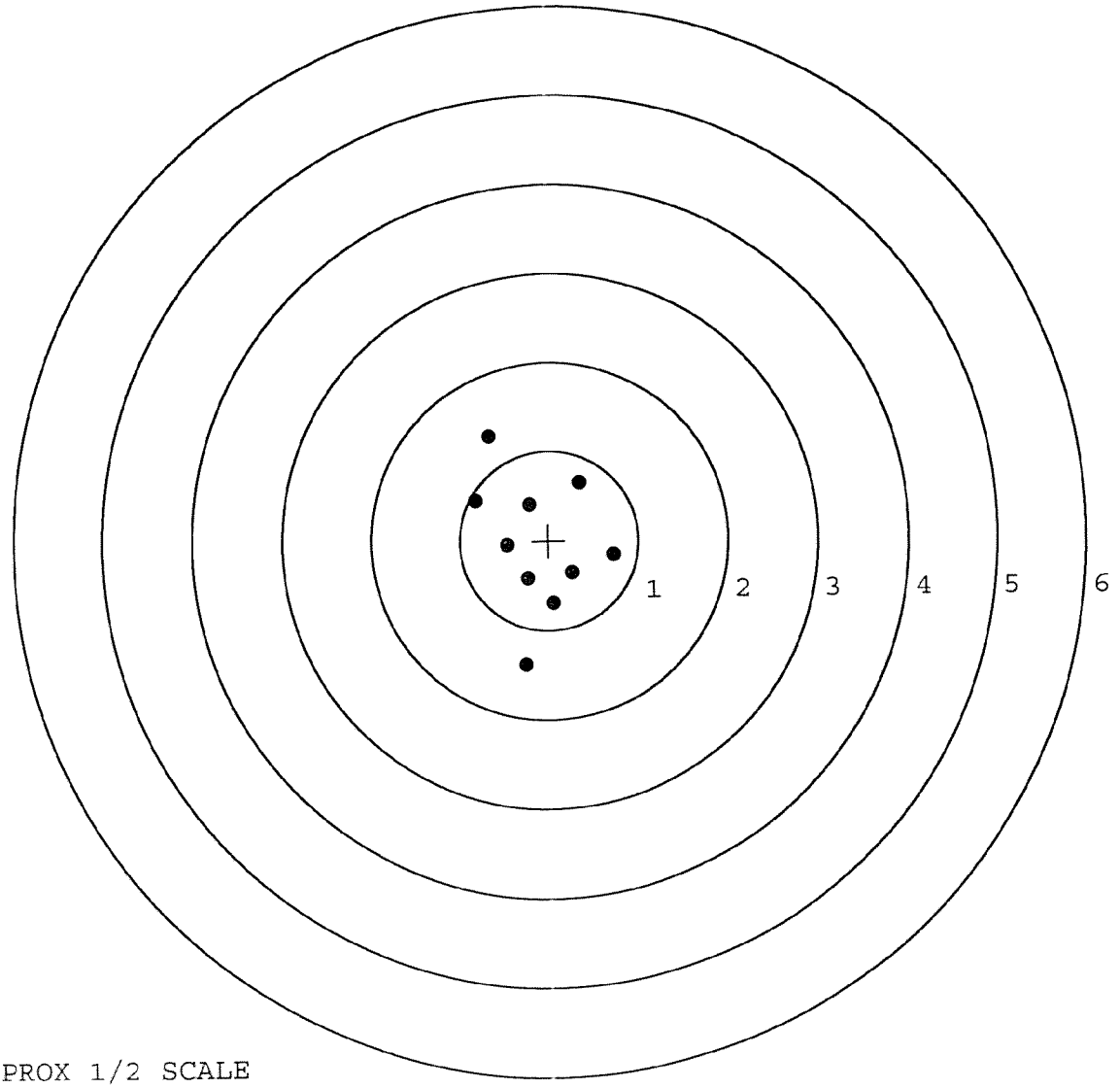


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840.__1
TARGET NUMBER: 5
FILE DATE: 07/12/2006
FILE TIME: 08:21

X CENTROID:	-0.128
Y CENTROID:	-0.043
POA TO CENTROID:	0.135
HORZ SPREAD:	1.549
VERT SPREAD:	2.559
GROUP SPREAD:	2.591
MIN RADIUS:	0.343
MAX RADIUS:	1.355
MEAN RADIUS:	0.762
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

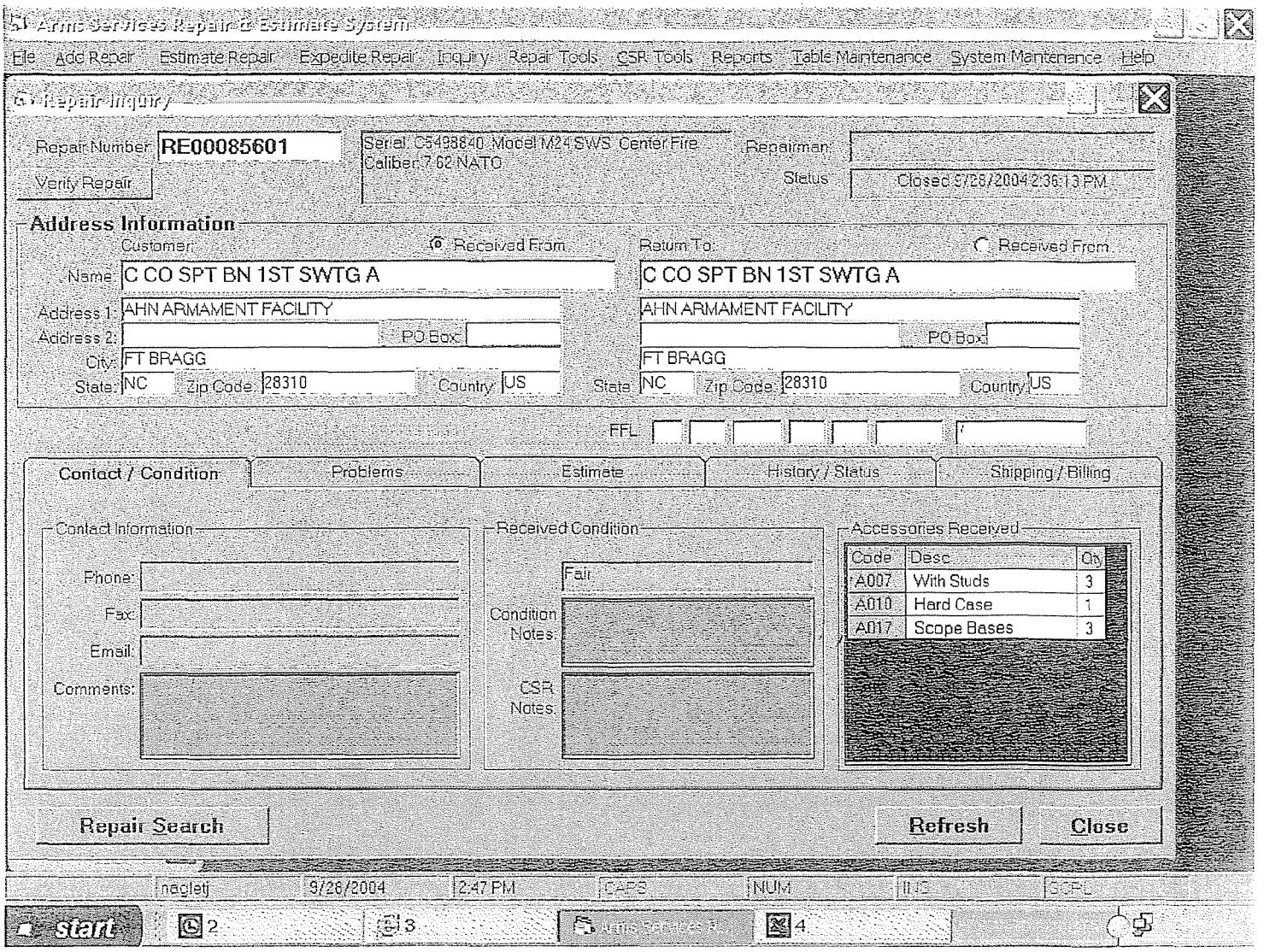
POINT#	X	Y
1:	0.724	-0.163
2:	0.265	-0.363
3:	0.056	-0.703
4:	-0.262	-1.391
5:	-0.235	-0.425
6:	-0.471	-0.050
7:	-0.218	0.404
8:	0.351	0.643
9:	-0.825	0.453
10:	-0.667	1.168



TARGET APPROX 1/2 SCALE

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

		Fort Bragg		
R & E NUMBER	113022			
SERIAL NUMBER	C6498840			
LOG-IN DATE	5-31-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-19-06	AC
505	RE-BARREL		6-19-06	AC
560	ASSEMBLE		6-22-06	AC
600	PROOF	MAGNA-FLUX INSPECTED JUN 27 2006	6-22-06	AC
605	CHECK HEADSPACE		6-22-06	AC
610	DIS-ASSEMBLE GUN		6-22-06	AC
612	MAGNAFLUX	OPERATOR	6-22-06	APM
510	DRILL AND TAP		6-26-06	TRW
615	ROLLMARK CALIBER		6-22-06	CW
618	ROTO-BLAST		6-29-06	UB
620	APPLY COATINGS		7/6	HP
625	FINAL ASSEMBLY		7-11-06	AC
640	FUNCTION TEST AND	(PASS) FAIL	7-12-06	TRW
650	TARGET	(PASS) FAIL	7-12-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-12-06	BD
	A) HEADSPACE	(PASS) FAIL	7-17-06	AC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.73 2.63 2.57 2.65 2.53	7-13-06	DA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	3.0 3.0 3.0	7-13-06	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	2.0 2.0 2.0	~~7-13-06~~ 7-13-06	DA
	I) FIRING PIN INDENT .020	.022 .023 .022	7-13-06	DA
690	PACK		8-3-06	DA


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: RE00085601
Verify Repair
Serial: C6498840 Model: M24 SWS Center Fire Caliber: 7.62 NATO
Repairman:
Status: Closed 9/28/2004 2:36:13 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
negletj 9/28/2004 2:47 PM CAPS NUM INS SCRL
start 2 3 4


Serial Number: C6498840
Model: M24 SWS
RE00085601

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498840.__0
FILE DATE AND TIME: 10/26/2004 08:09

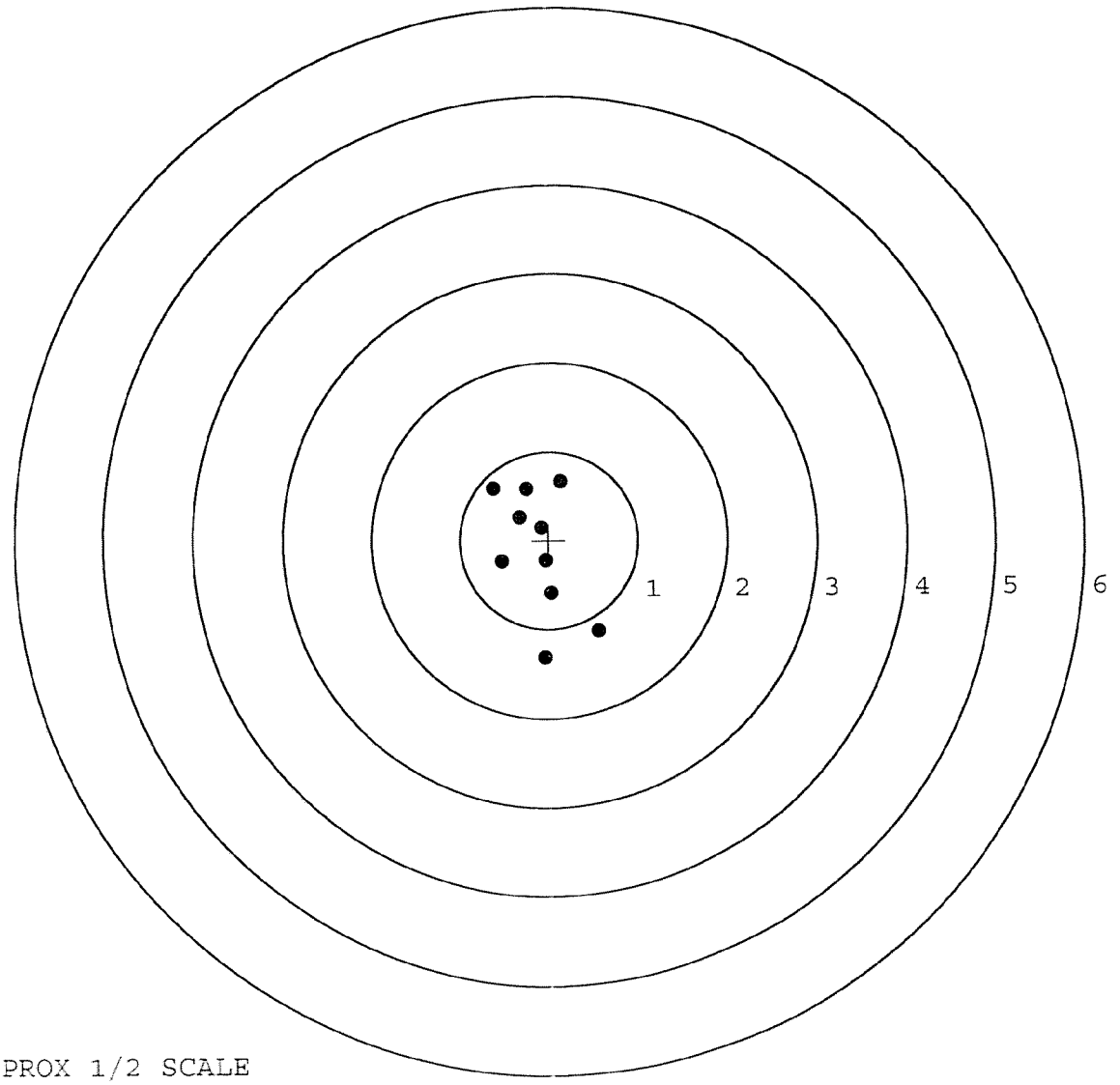
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.101
The Average Y Centroid of the Five Target Set:	-0.001
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.766
The Distance from POA to Centroid Target #1:	0.166
The Distance from Centroid Target #2 to Centroid Target #1:	0.392
The Distance from Centroid Target #3 to Centroid Target #1:	0.418
The Distance from Centroid Target #4 to Centroid Target #1:	0.161
The Distance from Centroid Target #5 to Centroid Target #1:	0.352

SERIAL NUMBER: C6498840.__0
TARGET NUMBER: 1
FILE DATE: 10/26/2004
FILE TIME: 08:09

X CENTROID:	-0.117
Y CENTROID:	-0.118
POA TO CENTROID:	0.166
HORZ SPREAD:	1.179
VERT SPREAD:	1.987
GROUP SPREAD:	2.002
MIN RADIUS:	0.137
MAX RADIUS:	1.210
MEAN RADIUS:	0.652
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.138	0.661
2:	-0.250	0.583
3:	-0.623	0.591
4:	-0.329	0.265
5:	-0.083	0.143
6:	-0.531	-0.238
7:	-0.036	-0.228
8:	0.031	-0.600
9:	0.556	-1.029
10:	-0.047	-1.326

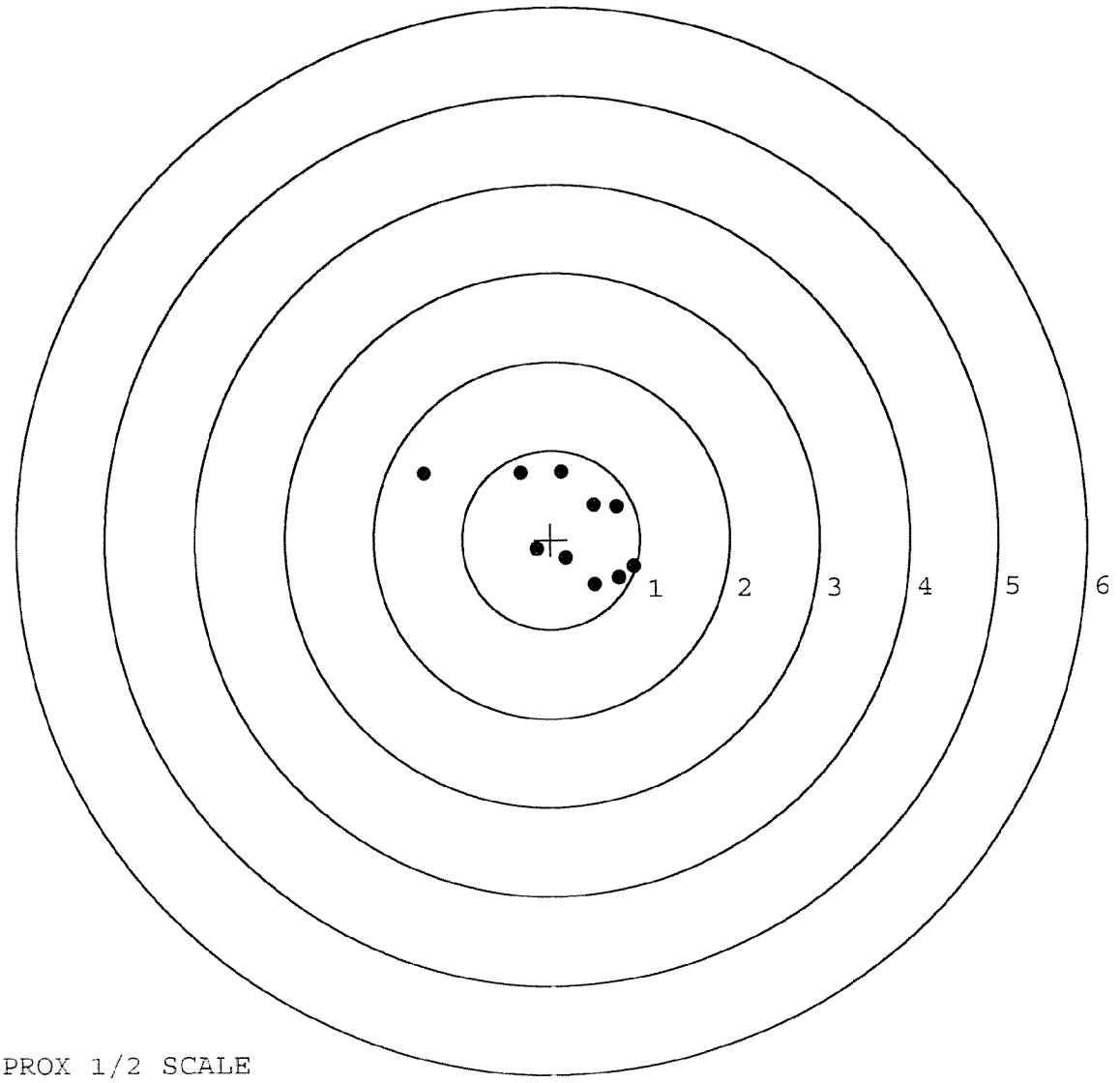


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840.__0
TARGET NUMBER: 2
FILE DATE: 10/26/2004
FILE TIME: 08:09

X CENTROID:	0.176
Y CENTROID:	0.142
POA TO CENTROID:	0.226
HORZ SPREAD:	2.355
VERT SPREAD:	1.271
GROUP SPREAD:	2.580
MIN RADIUS:	0.354
MAX RADIUS:	1.712
MEAN RADIUS:	0.733
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.736	0.363
2:	0.484	0.384
3:	0.123	0.759
4:	-0.340	0.750
5:	-1.428	0.741
6:	-0.166	-0.107
7:	0.168	-0.212
8:	0.927	-0.312
9:	0.763	-0.435
10:	0.490	-0.512

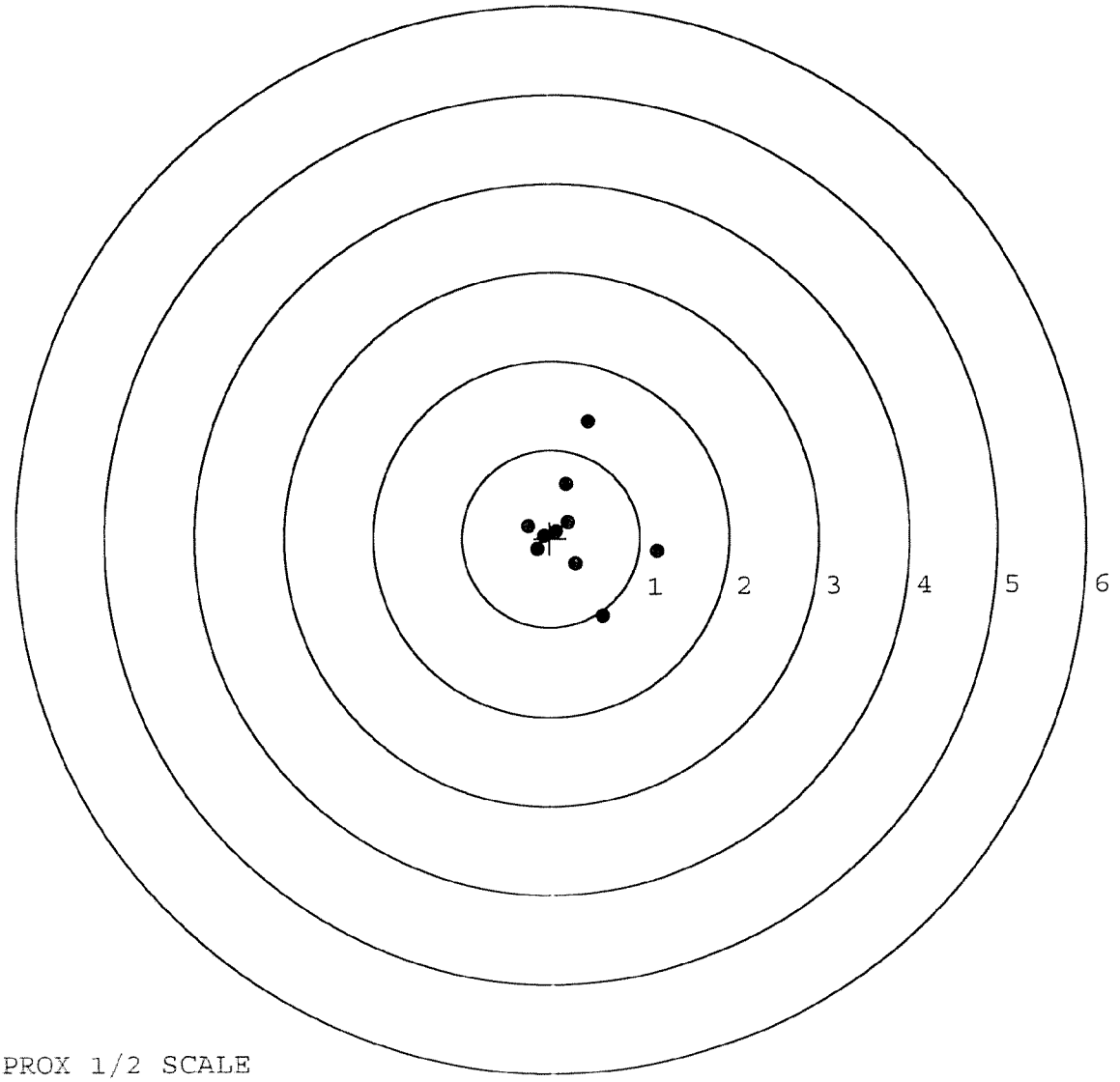


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840.__0
TARGET NUMBER: 3
FILE DATE: 10/26/2004
FILE TIME: 08:09

X CENTROID:	0.248
Y CENTROID:	0.086
POA TO CENTROID:	0.263
HORZ SPREAD:	1.441
VERT SPREAD:	2.197
GROUP SPREAD:	2.202
MIN RADIUS:	0.099
MAX RADIUS:	1.244
MEAN RADIUS:	0.571
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.192	-0.162
2:	0.585	-0.881
3:	0.284	-0.300
4:	0.433	1.316
5:	0.181	0.609
6:	0.202	0.174
7:	-0.249	0.136
8:	-0.151	-0.127
9:	0.070	0.074
10:	-0.067	0.022

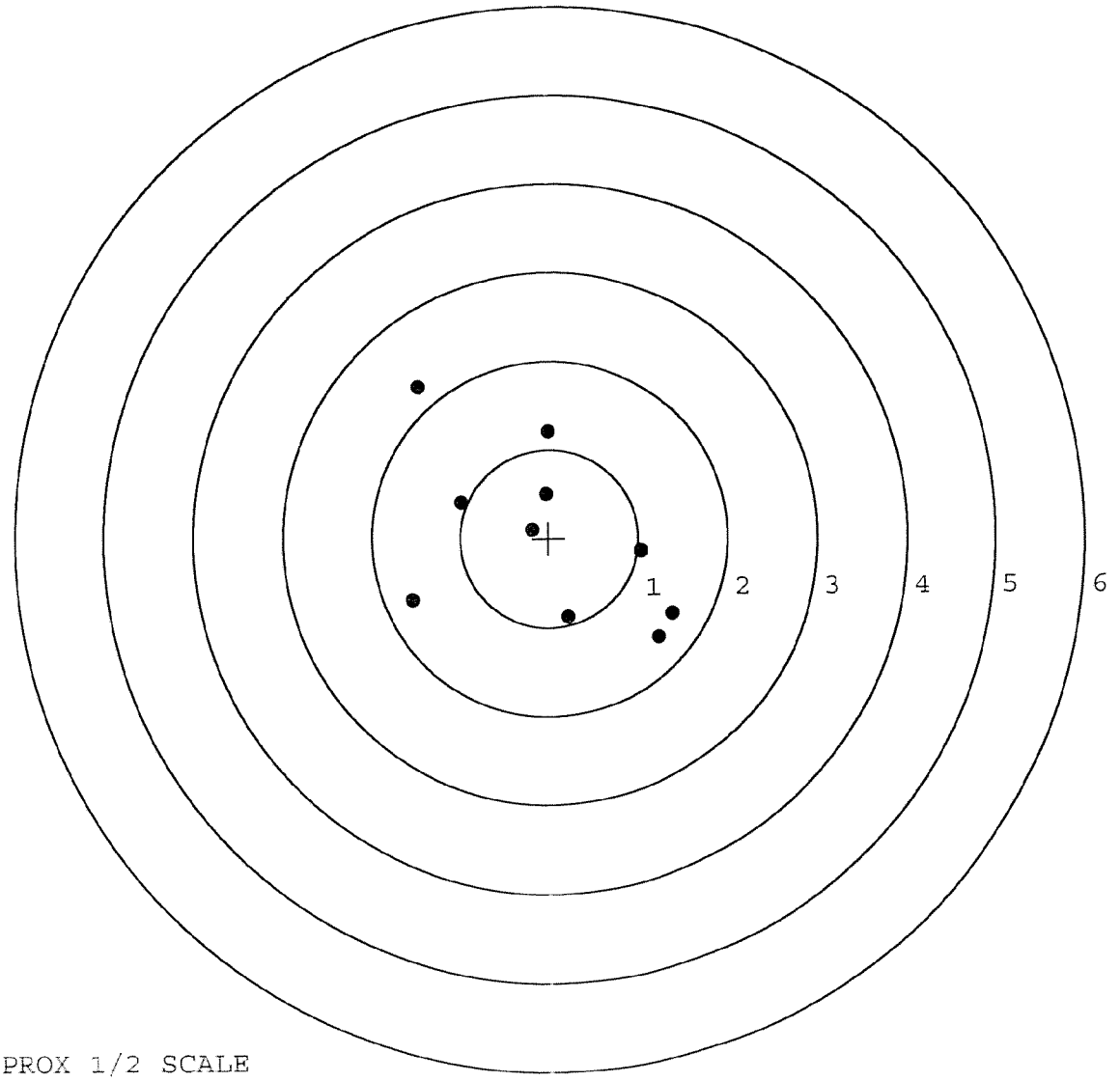


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840.__0
TARGET NUMBER: 4
FILE DATE: 10/26/2004
FILE TIME: 08:09

X CENTROID:	-0.037
Y CENTROID:	0.021
POA TO CENTROID:	0.043
HORZ SPREAD:	2.919
VERT SPREAD:	2.828
GROUP SPREAD:	3.906
MIN RADIUS:	0.167
MAX RADIUS:	2.217
MEAN RADIUS:	1.213
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	6

POINT#	X	Y
1:	-1.471	1.713
2:	0.000	1.204
3:	-0.029	0.499
4:	-0.991	0.411
5:	-0.187	0.095
6:	-1.541	-0.697
7:	1.028	-0.149
8:	0.216	-0.890
9:	1.378	-0.857
10:	1.223	-1.115

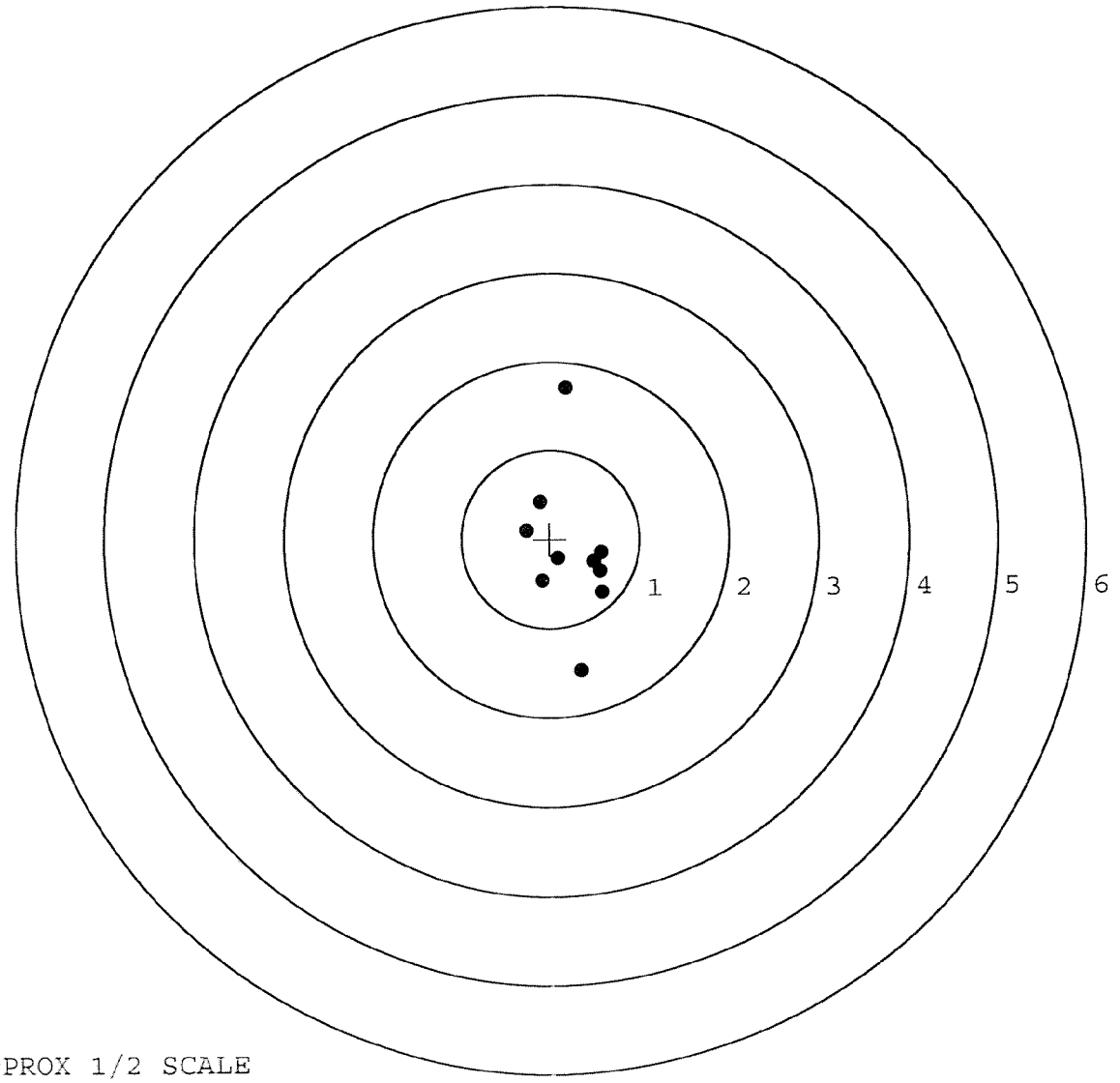


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840.__0
TARGET NUMBER: 5
FILE DATE: 10/26/2004
FILE TIME: 08:09

X CENTROID:	0.235
Y CENTROID:	-0.134
POA TO CENTROID:	0.270
HORZ SPREAD:	0.842
VERT SPREAD:	3.184
GROUP SPREAD:	3.187
MIN RADIUS:	0.165
MAX RADIUS:	1.839
MEAN RADIUS:	0.662
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.112	0.416
2:	-0.266	0.094
3:	0.568	-0.159
4:	0.092	-0.218
5:	-0.093	-0.473
6:	0.576	-0.605
7:	0.557	-0.366
8:	0.192	1.704
9:	0.340	-1.480
10:	0.492	-0.257



TARGET APPROX 1/2 SCALE

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 7.62 MM / M24

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C 6498840			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.

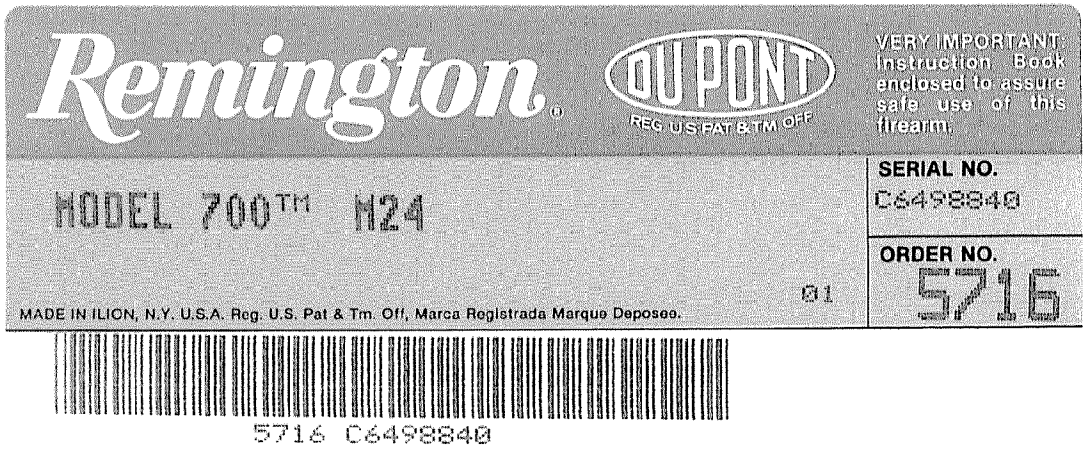
8a. SIGNATURE *(Person(s) performing inspection)*	8b. TIME	9a. SIGNATURE *(Maintenance Supervisor)*	9b. TIME	10. MANHOURS REQUIRED
[signature]	1039			

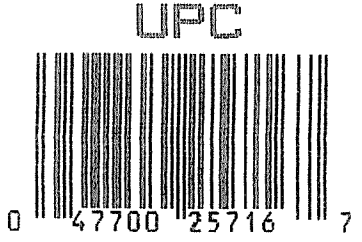
TM ITEM NO. *a*	STATUS *b*	DEFICIENCIES AND SHORTCOMINGS *c*	CORRECTIVE ACTION *d*	INITIAL WHEN CORRECTED *e*
1	(-)	10,000 ROUNDS COUNT		

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

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

R & E NUMBER	85664		
SERIAL NUMBER	C 6498840		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-4-04	AC
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		
615	ROLLMARK CALIBER	10-11-04	SSJ CW
618	ROTO-BLAST	10-11-04	LB
620	APPLY COATINGS	10/19/04	HP
625 A	FINAL ASSEMBLY	10-22-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-26-04	AC
655	FINAL INSPECT	11-3-04	AC
660	PACK	11-4-04	QA
		SHIP DATE	
	QAR INSPECTION DATE		





M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498840

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7 12 90	RW
600	Proof		7 12 90	RW
607	Check Headspace		7 12 90	RW
610	Dis-assemble Gun		7.12 90	RW
612	Magnaflux Barrel Action		7-17-90	KR
	Magnaflux Bolt		7-17-90	KR
615	Rollmark Caliber		7-17-90	RS
617	Drill and Tap Sight Holes		7/23/90	KB
618	Polish Barrel RB		7/24/90	WB
620	Apply Coatings (Barrel Action)		7/26-90	DH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/8/90	RW
	C) Inspect Ejector Hole for Chamfer		8/8/90	RW
	D) Oil Firing Pin Ass'y		8/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/27/90	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/27/90	WB
	G) Safety Off Force	7	7	7			8/28/90	WB
	H) Trigger Pull Test & Retainability						8/27/90	
	I) Firing Pin Indent	.022	.0215	.022			8/28/90	WB
	J) Assemble Stock						8/28/90	RW
	K) Assemble Swivel Studs						9/8/90	RS
	L) Attach Front and Rear Sight Assemblies						8/28/90	RW
	M) Iron Sight Alignment						8/28/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/28/90	RW
	O) Attach Scope to Rifle						8/28/90	RW
	P) Detach & Attach Scope 20 Times						8/28/90	RW
640	Gallery Target & Test						9-5-90	DH
	A) Time						9-5-90	DH
	B) Malfunctions						9-5-90	DH
	C) Pierced Primers						9-5-90	DH
	D) Optical Clearity of Scope						9-5-90	DH
645	Inspect for Live Ammo						9-5-90	DH
655	Final Inspection A) Headspace						9/8/90	RS
	B) Trigger Pull	215	214	212	205	207	9/8/90	RS
	C) Function						9/8/90	RS
660	Pack						9-9-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6498840

DATE 8/27/90

TESTER [signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.36	2.38	2.15	MIN. SETTING,
PULL #2	2.30	2.40	2.33	2.14	NO AVG. OF 5
PULL #3	2.28	2.30	2.26	212	READINGS ACCEPT-
PULL #4	2.26	2.25	2.40	205	ABLE LESS THAN 2#
PULL #5	2.32	2.38	2.40	207	
TOTAL	11.56	11.69	11.77		
AVG.	2.312	2.358	2.354		

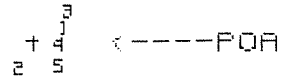
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.18		
PULL #2	3.11	3.20		
PULL #3	3.06	3.20		
PULL #4	3.30	3.26		
PULL #5	3.20	3.23		
TOTAL	15.81	16.07		
AVG.	3.162	3.214		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.09		4.17
PULL #2	4.15	4.07		4.19
PULL #3	4.14	4.20		4.19
PULL #4	4.20	4.20		4.27
PULL #5	4.04	4.16		4.19
TOTAL	20.87	20.74		21.01
AVG.	4.174	4.148		4.202

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498840
5 Sep 1990

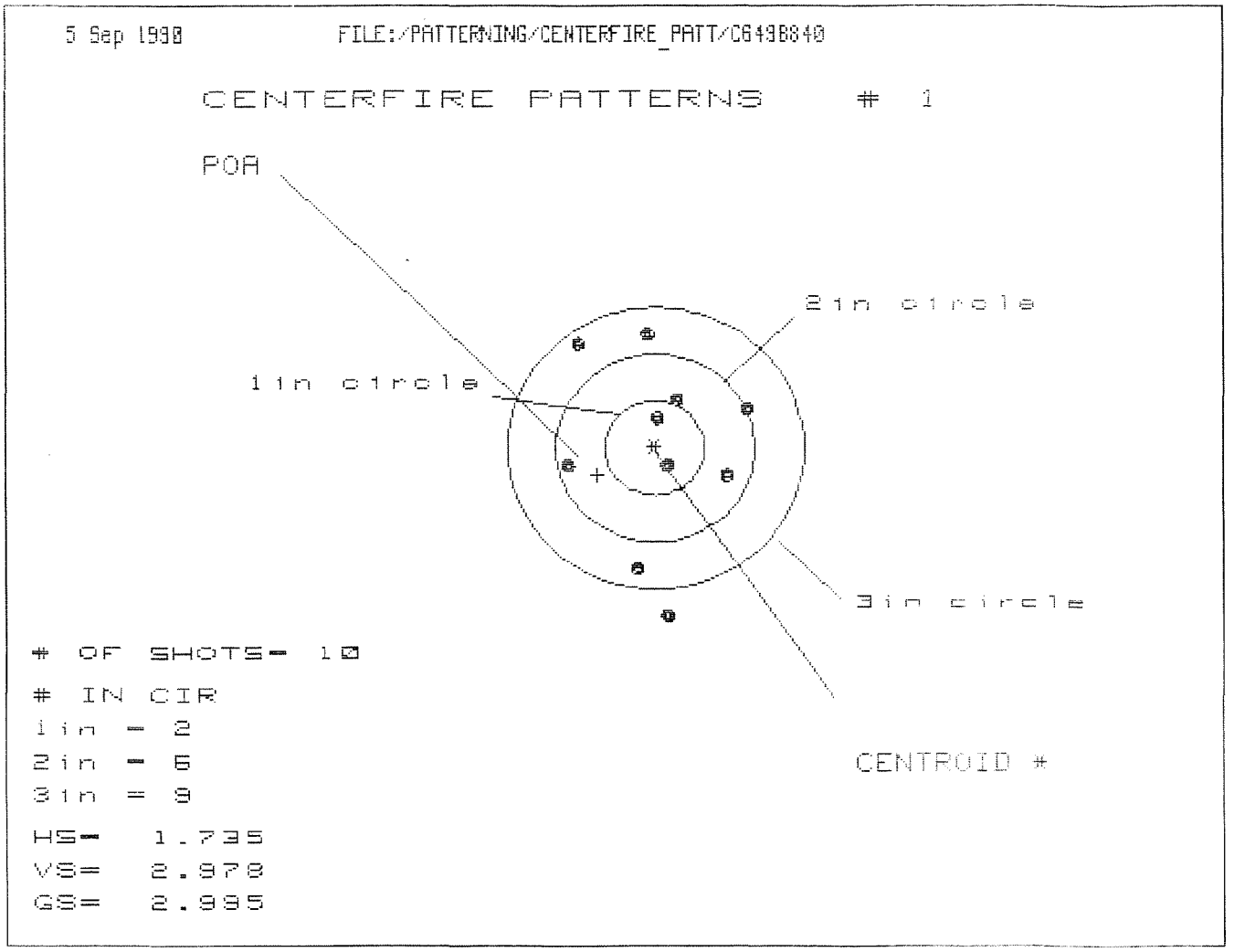
CENTROIDAL DISTANCES

0	TO	1	.644461
1	TO	2	1.13191
1	TO	3	.319002
1	TO	4	.317506
1	TO	5	.740251

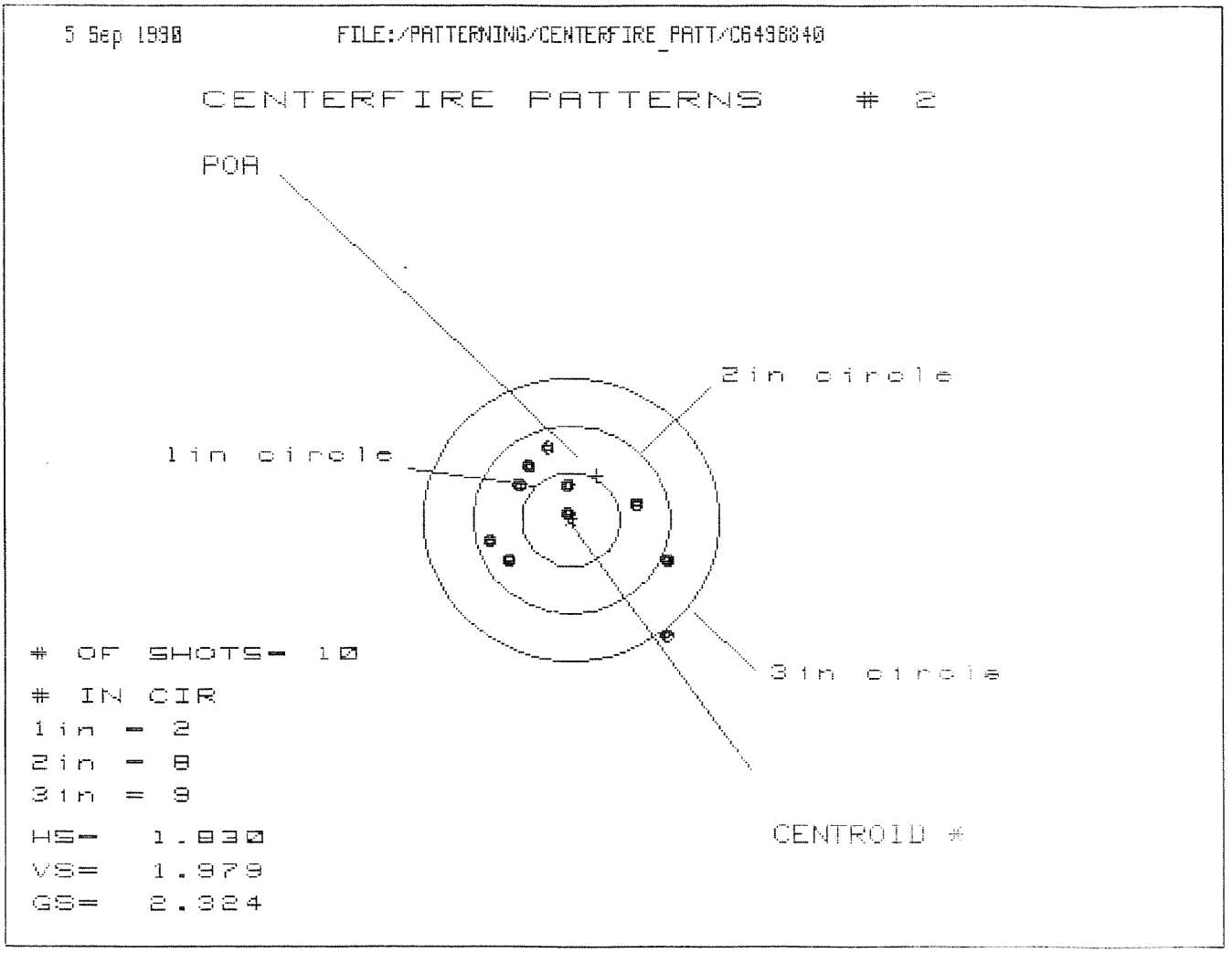


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3902
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0138
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .390444

THE AMR FOR THIS RIFLE IS: .9202



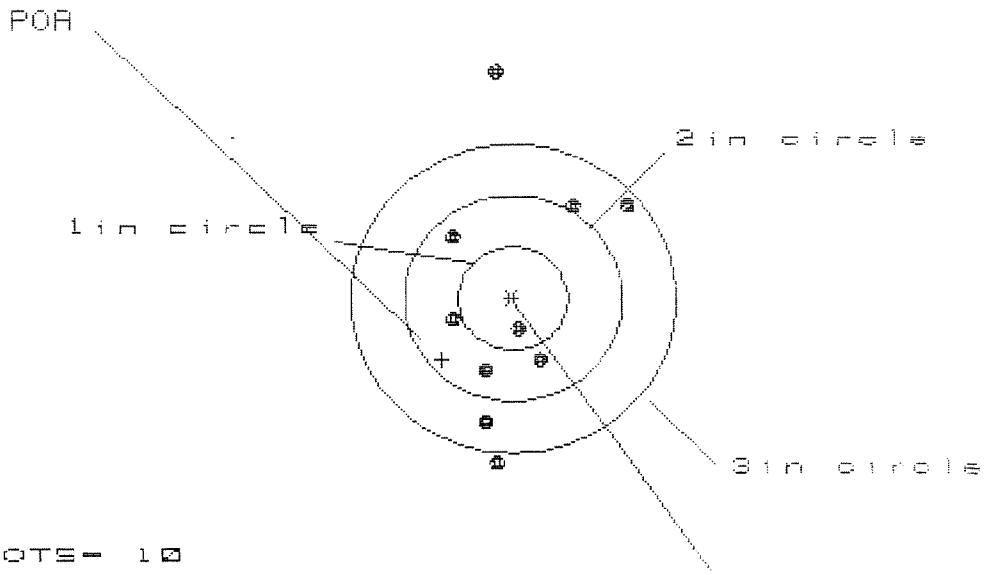
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.881	.898	.802
MINIMUM X	:	-.854	-.837	-.932
MAXIMUM Y	:	1.242	1.049	1.163
MINIMUM Y	:	-1.736	-1.454	-1.339
CENTROID X	:	.579	.562	.657
CENTROID Y	:	.283	.476	.361
POA TO CENTROID in.	:	.645	.736	.750
MIN RADIUS	:	.190	.115	.249
MEAN RADIUS	:	.932	.814	.764
MAX RADIUS	:	1.743	1.466	1.370
HORIZONTAL SPREAD	:	1.735	1.735	1.735
VERTICAL SPREAD	:	2.978	2.503	2.503
EXTREME SPREAD	:	2.995	2.504	2.504
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.999	1.107	.923
MINIMUM X	:	-.831	-.723	-.585
MAXIMUM Y	:	.780	.647	.575
MINIMUM Y	:	-1.199	-.572	-.639
CENTROID X	:	-.267	-.375	-.513
CENTROID Y	:	-.469	-.336	-.264
POA TO CENTROID in.	:	.540	.503	.577
MIN RADIUS	:	.117	.113	.252
MEAN RADIUS	:	.754	.621	.524
MAX RADIUS	:	1.542	1.246	.923
HORIZONTAL SPREAD	:	1.830	1.830	1.508
VERTICAL SPREAD	:	1.979	1.219	1.214
EXTREME SPREAD	:	2.324	1.839	1.572
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Sep 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C843B840

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

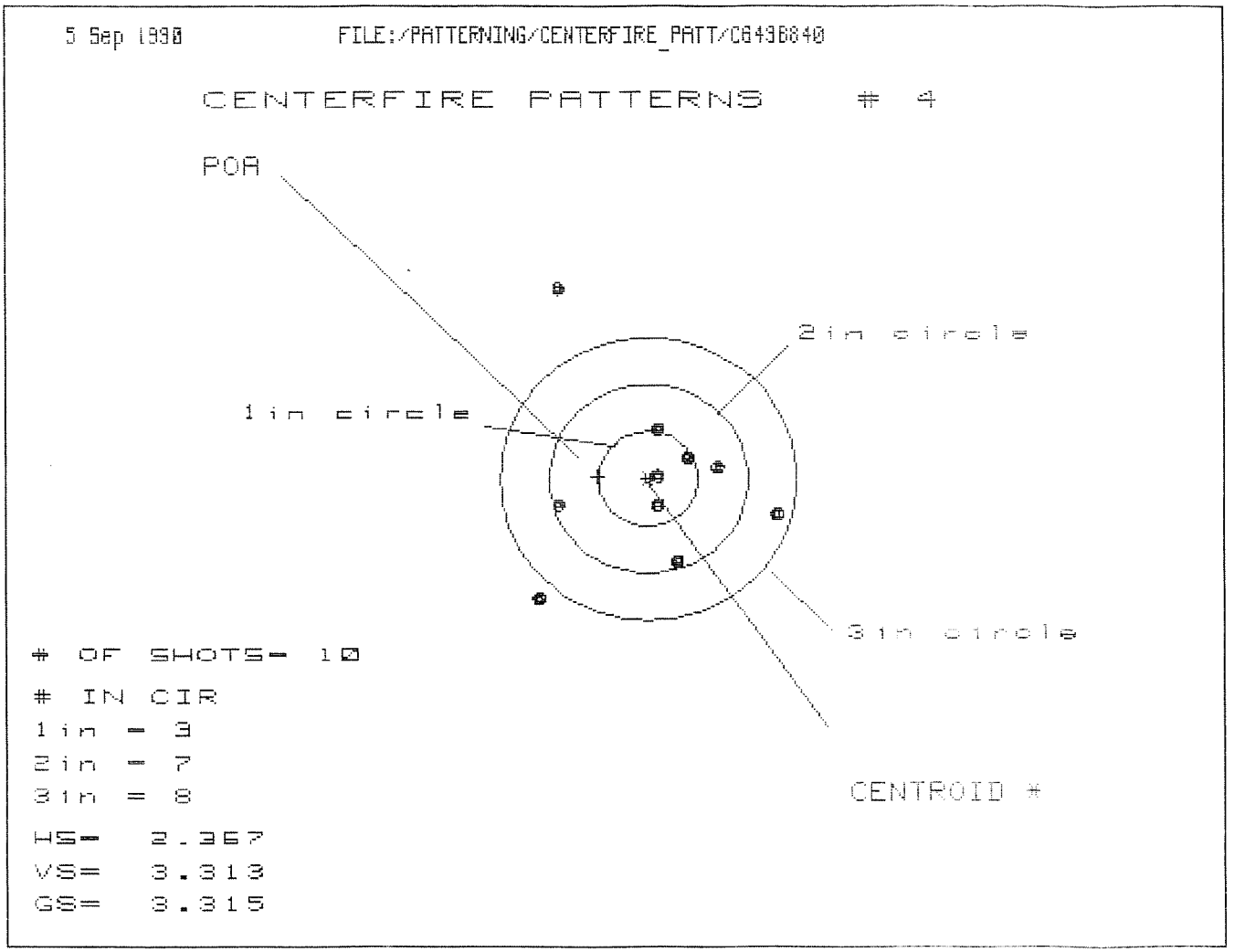
IN CIR
1 in = 1
2 in = 5
3 in = 8

HS= 1.635
VS= 3.794
GS= 3.794

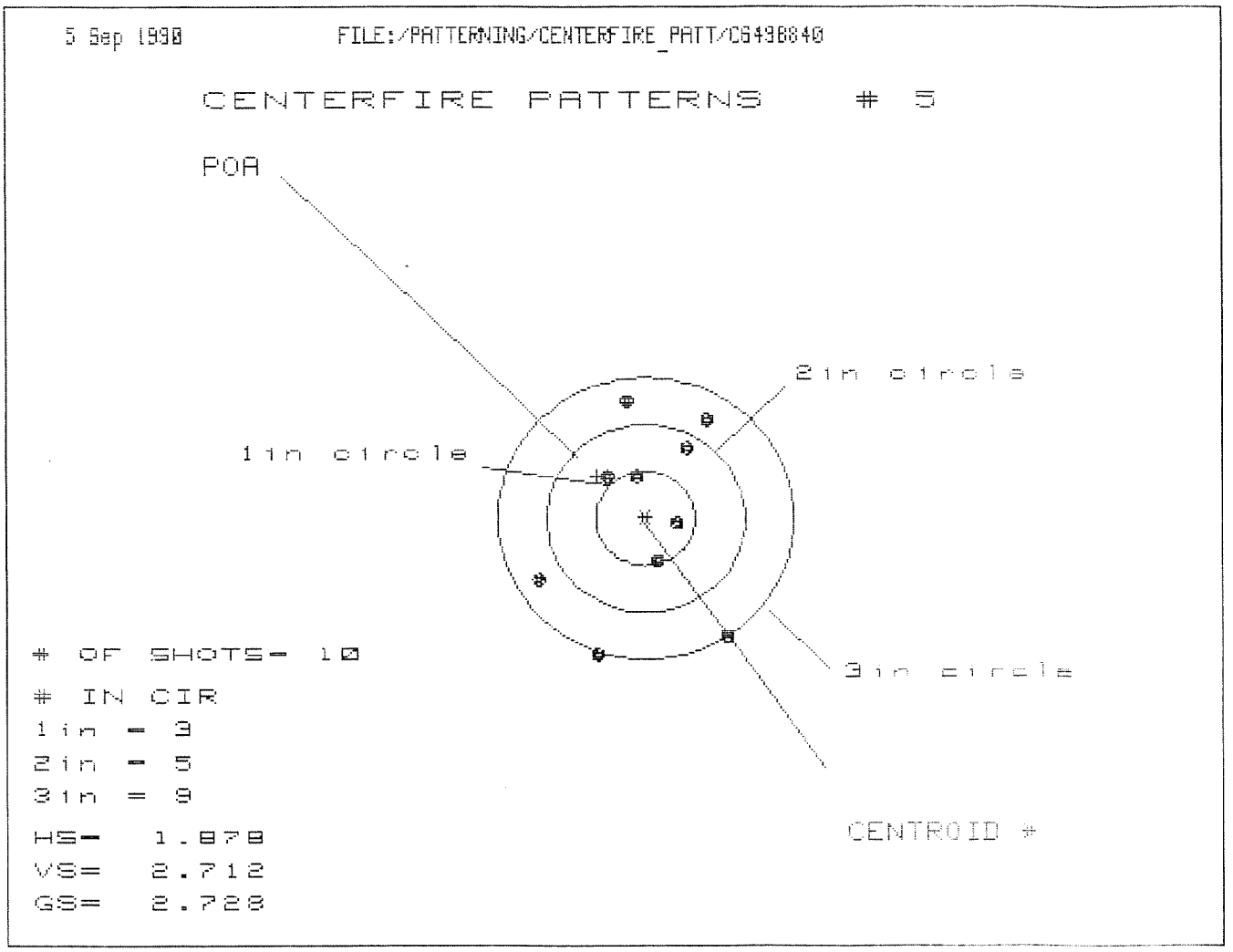
PATTERN # : 3

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.085	1.064	1.038
MINIMUM X :	-.550	-.571	-.597
MAXIMUM Y :	2.210	1.158	.990
MINIMUM Y :	-1.584	-1.338	-1.137
CENTROID X :	.650	.671	.697
CENTROID Y :	.594	.348	.516
POA TO CENTROID in.:	.881	.756	.867
MIN RADIUS :	.321	.095	.233
MEAN RADIUS :	1.063	.870	.837
MAX RADIUS :	2.218	1.535	1.400
HORIZONTAL SPREAD :	1.635	1.635	1.635
VERTICAL SPREAD :	3.794	2.496	2.127
EXTREME SPREAD :	3.794	2.756	2.473

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	:	1.300	1.196	1.050
MINIMUM X	:	-1.067	-1.171	-1.135
MAXIMUM Y	:	2.064	.803	.676
MINIMUM Y	:	-1.249	-1.020	-.728
CENTROID X	:	.506	.611	.757
CENTROID Y	:	-.026	-.255	-.128
POA TO CENTROID in.	:	.507	.662	.768
MIN RADIUS	:	.115	.078	.230
MEAN RADIUS	:	.917	.746	.617
MAX RADIUS	:	2.268	1.553	1.144
HORIZONTAL SPREAD	:	2.367	2.367	2.185
VERTICAL SPREAD	:	3.313	1.823	1.404
EXTREME SPREAD	:	3.315	2.523	2.189
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.776	.728	.630
MINIMUM X	:	-1.102	-1.150	-1.059
MAXIMUM Y	:	1.224	1.058	.885
MINIMUM Y	:	-1.489	-1.384	-.994
CENTROID X	:	.483	.531	.440
CENTROID Y	:	-.451	-.285	-.112
POA TO CENTROID in.	:	.660	.603	.454
MIN RADIUS	:	.298	.299	.111
MEAN RADIUS	:	.935	.838	.714
MAX RADIUS	:	1.551	1.564	1.452
HORIZONTAL SPREAD	:	1.878	1.878	1.689
VERTICAL SPREAD	:	2.712	2.442	1.879
EXTREME SPREAD	:	2.728	2.607	2.365
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	