C6522287

MODEL 700™ M24

Model SWS ™

Action

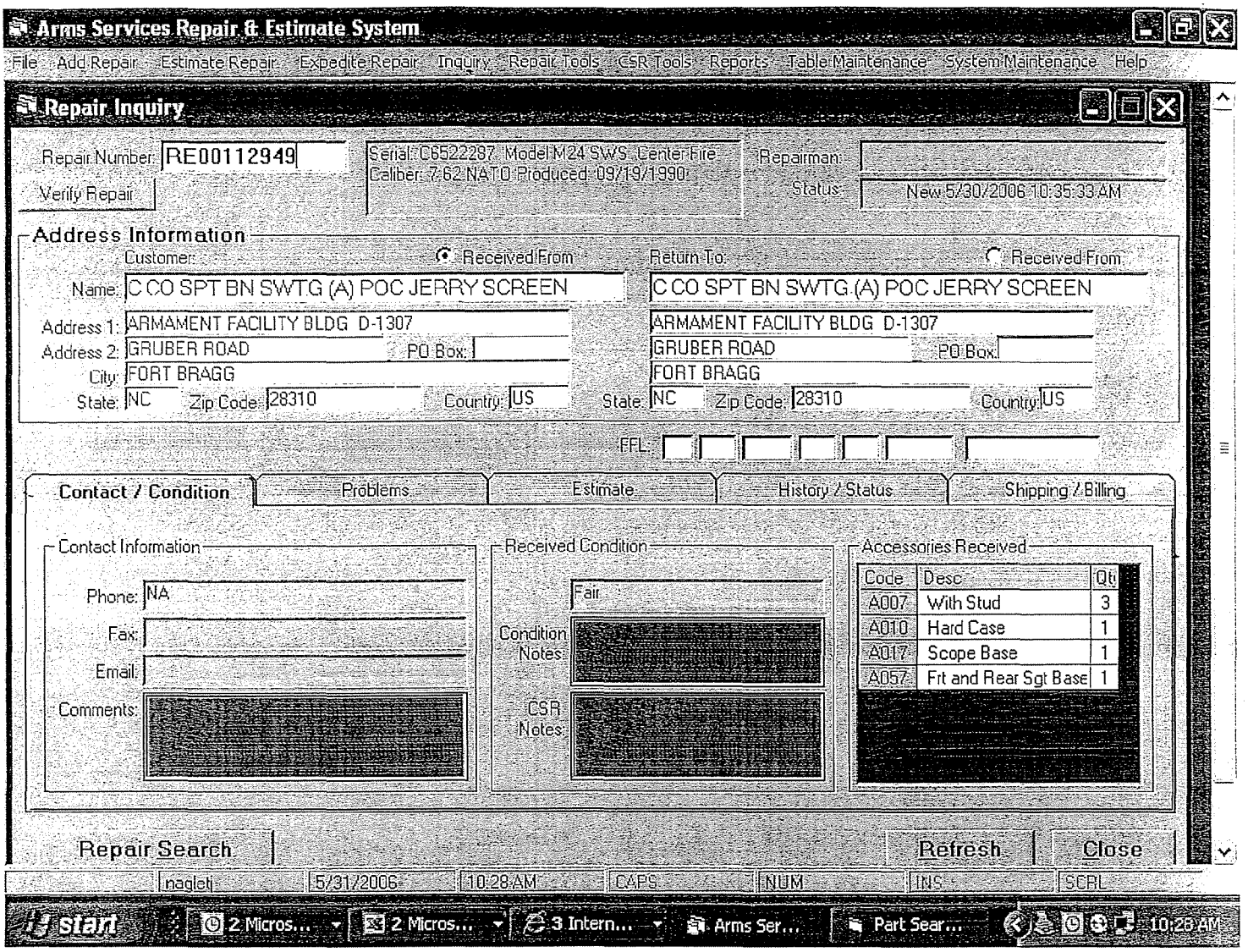
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



Serial Number: C6522287

Model: M24 SWS

RE00112949

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522287.__0
FILE DATE AND TIME: 11/03/2004 08:58

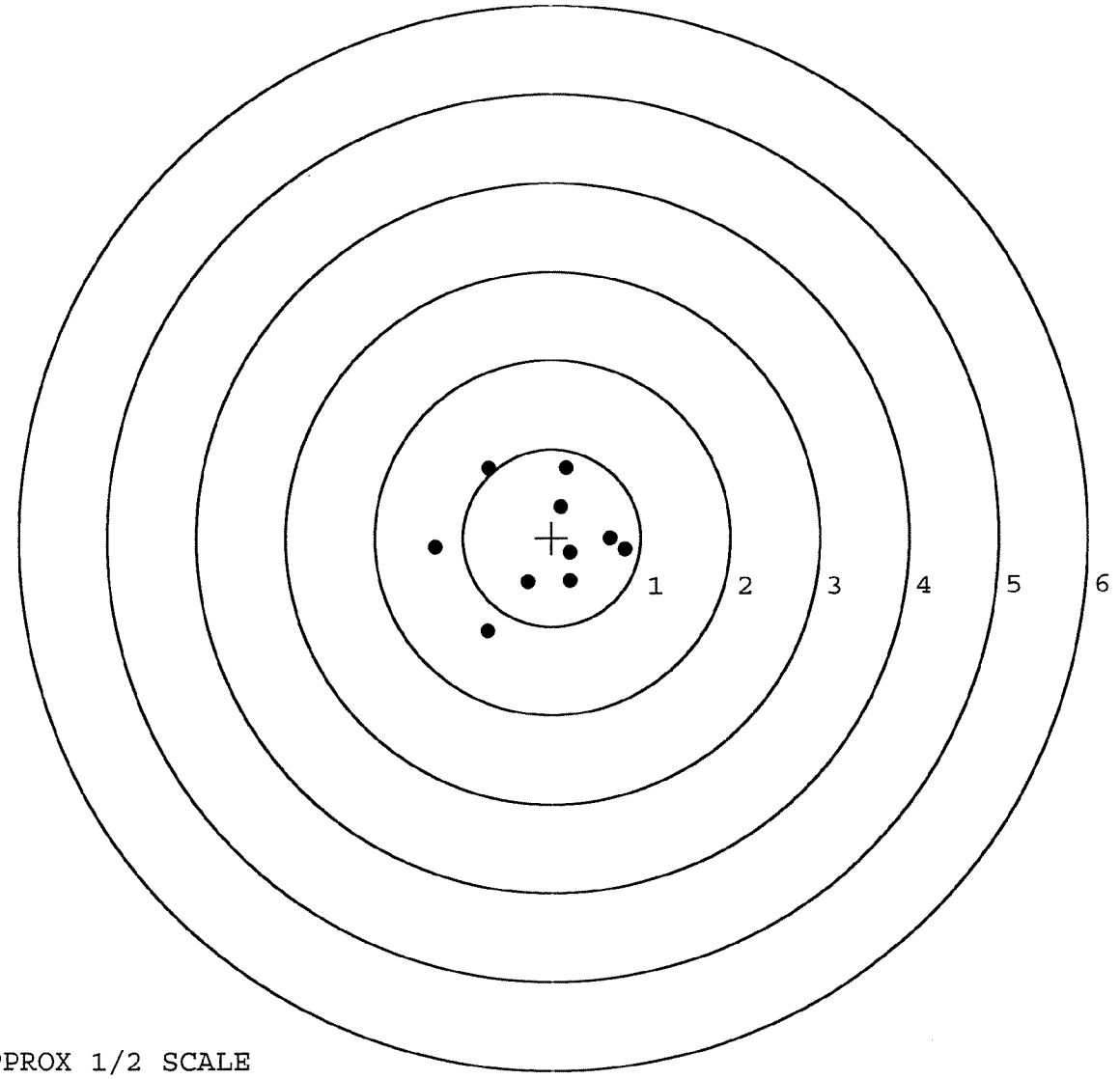
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.086
The Average Y Centroid of the Five Target Set:	-0.078
The Average Point of Impact of the Five Target Set:	0.116
The Average Mean Radius of the Five Target Set:	0.642
The Distance from POA to Centroid Target #1:	0.099
The Distance from Centroid Target #2 to Centroid Target #1:	0.180
The Distance from Centroid Target #3 to Centroid Target #1:	0.057
The Distance from Centroid Target #4 to Centroid Target #1:	0.028
The Distance from Centroid Target #5 to Centroid Target #1:	0.243

SERIAL NUMBER: C6522287.__0
TARGET NUMBER: 1
FILE DATE: 11/03/2004
FILE TIME: 08:58

X CENTROID:	-0.084
Y CENTROID:	-0.054
POA TO CENTROID:	0.099
HORZ SPREAD:	2.135
VERT SPREAD:	1.846
GROUP SPREAD:	2.135
MIN RADIUS:	0.317
MAX RADIUS:	1.232
MEAN RADIUS:	0.778
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.821	-0.138
2:	0.658	-0.009
3:	0.212	-0.167
4:	0.212	-0.493
5:	-0.271	-0.500
6:	-0.724	-1.054
7:	-1.314	-0.111
8:	-0.707	0.791
9:	0.109	0.353
10:	0.169	0.792

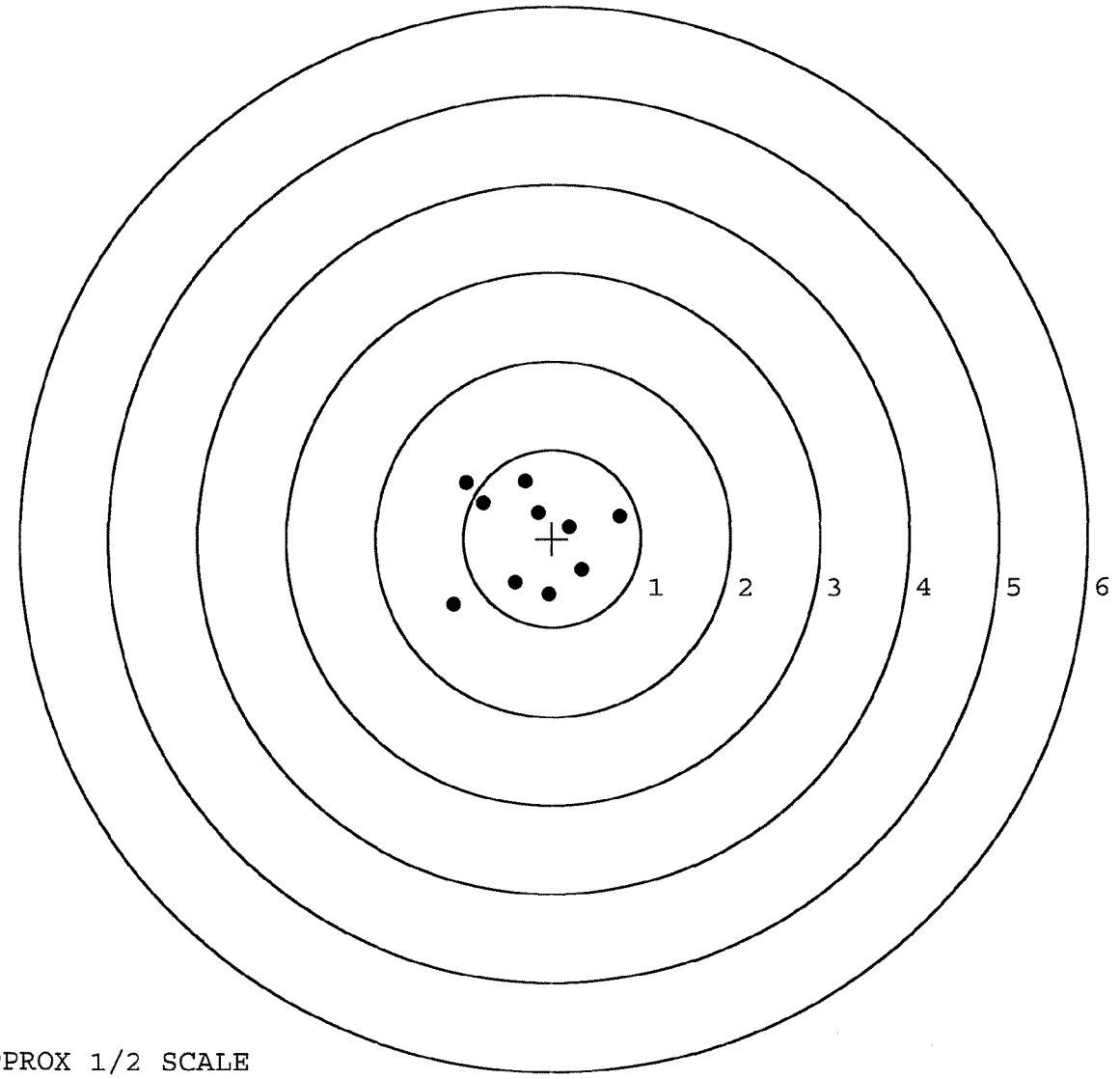


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522287.__0
TARGET NUMBER: 2
FILE DATE: 11/03/2004
FILE TIME: 08:58

X CENTROID:	-0.252
Y CENTROID:	0.009
POA TO CENTROID:	0.252
HORZ SPREAD:	1.865
VERT SPREAD:	1.393
GROUP SPREAD:	2.117
MIN RADIUS:	0.293
MAX RADIUS:	1.146
MEAN RADIUS:	0.710
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.754	0.253
2:	0.334	-0.359
3:	-0.037	-0.634
4:	-0.414	-0.506
5:	-1.111	-0.749
6:	-0.977	0.628
7:	-0.785	0.400
8:	-0.312	0.644
9:	-0.166	0.290
10:	0.198	0.127

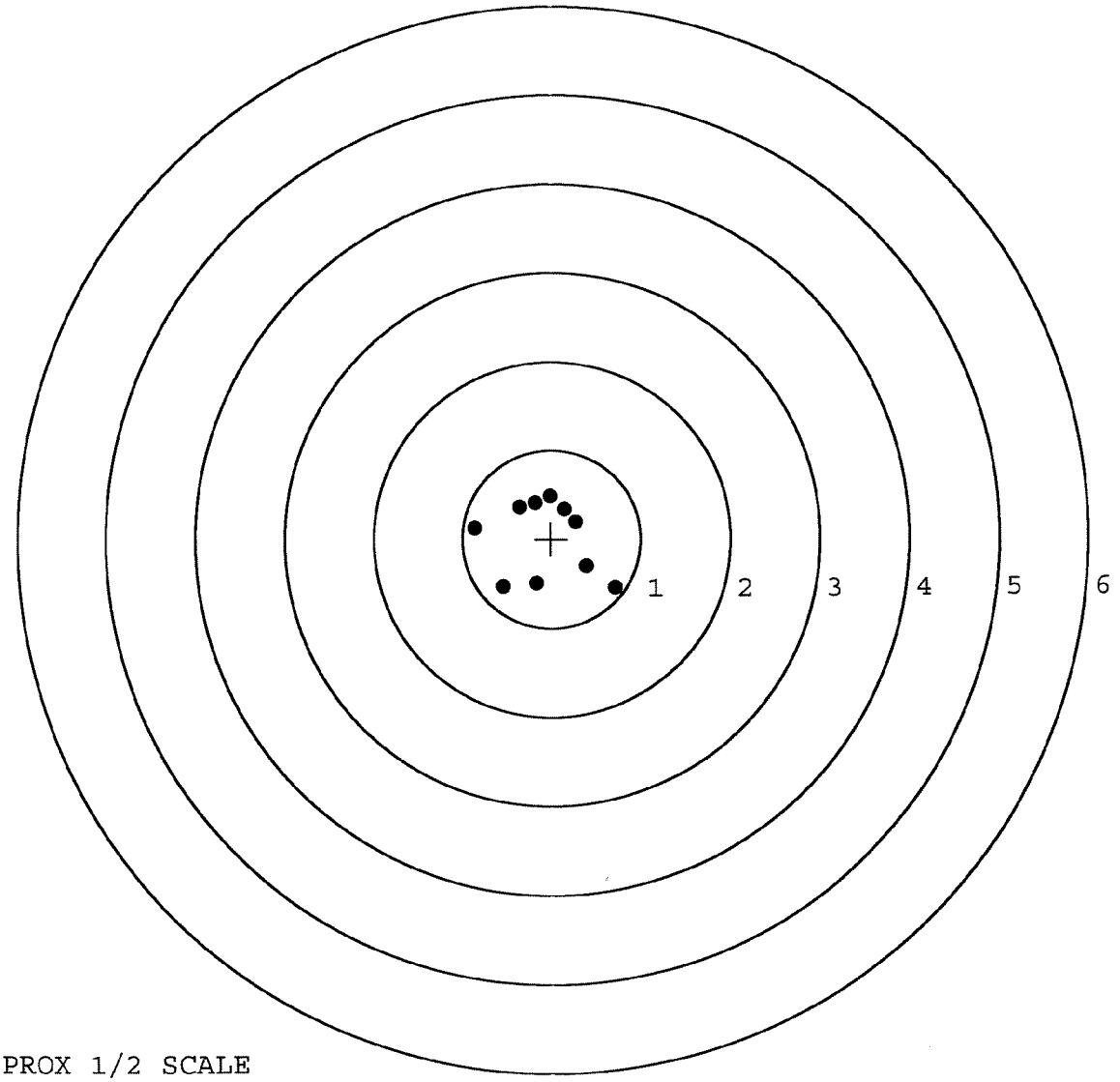


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522287.__0
TARGET NUMBER: 3
FILE DATE: 11/03/2004
FILE TIME: 08:58

X CENTROID:	-0.059
Y CENTROID:	-0.002
POA TO CENTROID:	0.059
HORZ SPREAD:	1.577
VERT SPREAD:	1.023
GROUP SPREAD:	1.712
MIN RADIUS:	0.388
MAX RADIUS:	0.947
MEAN RADIUS:	0.569
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.716	-0.547
2:	0.396	-0.309
3:	-0.169	-0.504
4:	-0.545	-0.535
5:	-0.861	0.120
6:	0.278	0.190
7:	0.149	0.327
8:	-0.017	0.476
9:	-0.181	0.404
10:	-0.357	0.355

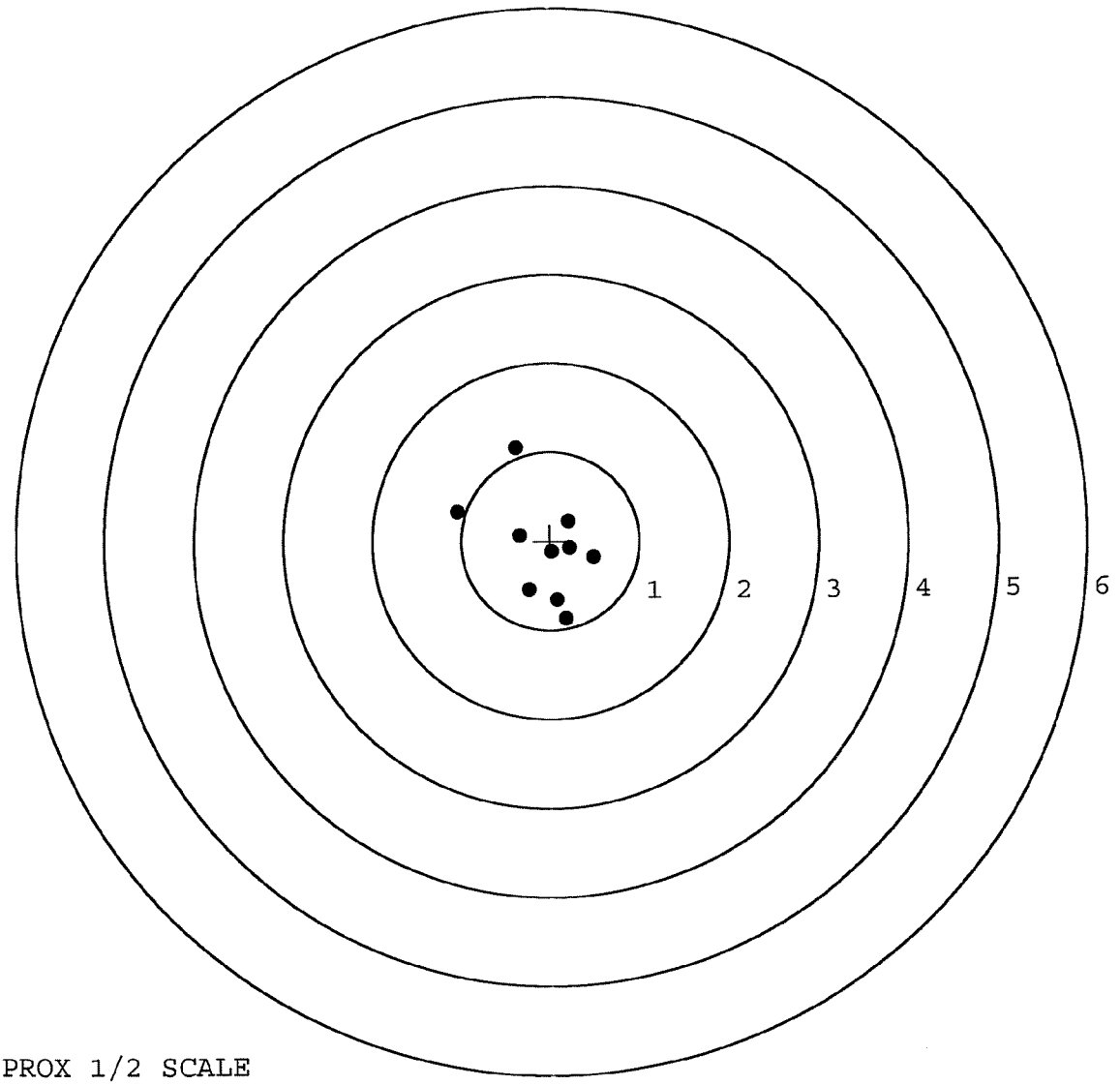


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522287.__0
TARGET NUMBER: 4
FILE DATE: 11/03/2004
FILE TIME: 08:58

X CENTROID:	-0.080
Y CENTROID:	-0.081
POA TO CENTROID:	0.114
HORZ SPREAD:	1.534
VERT SPREAD:	1.917
GROUP SPREAD:	1.998
MIN RADIUS:	0.104
MAX RADIUS:	1.161
MEAN RADIUS:	0.585
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.046	0.329
2:	-0.382	1.040
3:	0.488	-0.183
4:	0.182	-0.877
5:	0.081	-0.664
6:	-0.238	-0.547
7:	0.212	0.222
8:	0.224	-0.074
9:	-0.341	0.064
10:	0.016	-0.121

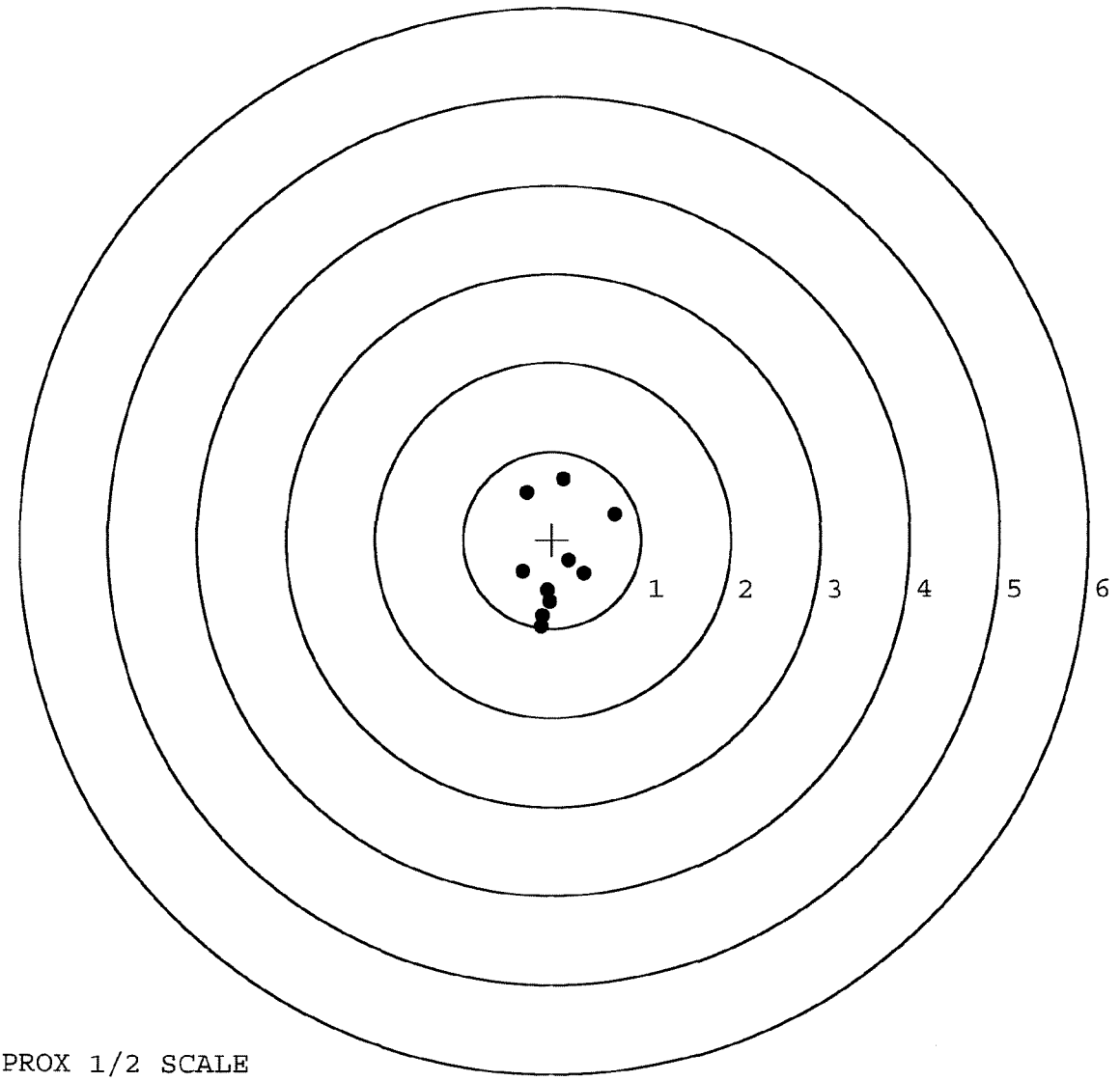


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522287.__0
TARGET NUMBER: 5
FILE DATE: 11/03/2004
FILE TIME: 08:58

X CENTROID:	0.043
Y CENTROID:	-0.261
POA TO CENTROID:	0.264
HORZ SPREAD:	1.029
VERT SPREAD:	1.670
GROUP SPREAD:	1.688
MIN RADIUS:	0.147
MAX RADIUS:	0.953
MEAN RADIUS:	0.570
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

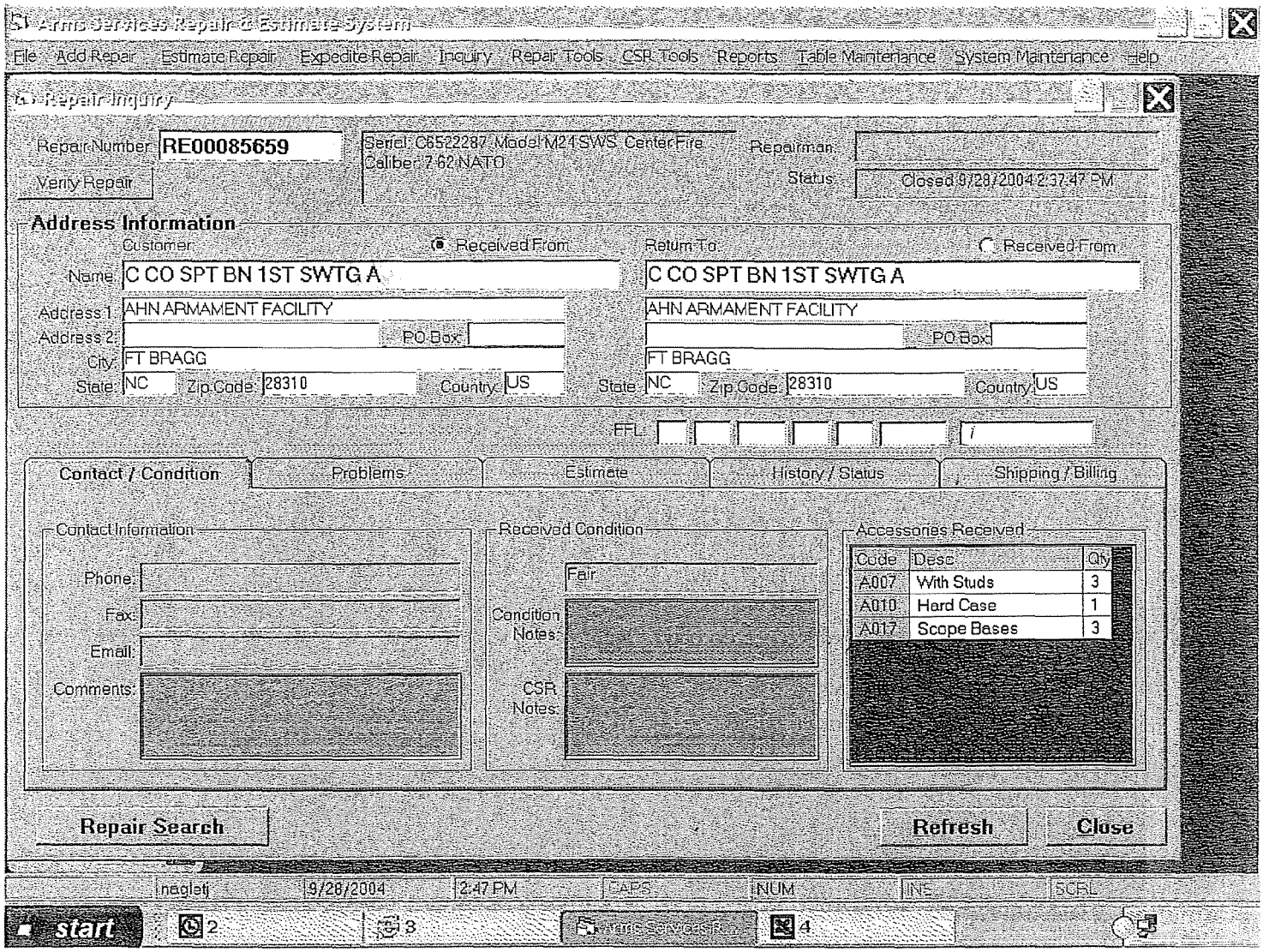
POINT#	X	Y
1:	0.698	0.290
2:	0.188	-0.239
3:	0.364	-0.384
4:	-0.331	-0.366
5:	0.123	0.689
6:	-0.292	0.534
7:	-0.059	-0.580
8:	-0.028	-0.704
9:	-0.109	-0.866
10:	-0.126	-0.981



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	112949			
SERIAL NUMBER	C6522287			
LOG-IN DATE	5-30-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN			
505	RE-BARREL			
560	ASSEMBLE			
600	PROOF			
605	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
510	DRILL AND TAP			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS			
625	~~FINAL ASSEMBLY~~	Clean + Test	6-13-06	RTL
640	FUNCTION TEST AND	(PASS) FAIL	6-30-06	L.P.D.
650	TARGET	(PASS) FAIL	6-30-06	L.P.D.
	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)	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)	.023 .023 .023		AC
690	PACK		8-4-06	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 RE00085659
Verify Repair
Serial: C6522287 Model: M21SWS Center Fire Caliber: 7.62 NATO
Repairman:
Status: Closed 9/28/2004 2:37:47 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
neglelj 9/28/2004 2:47 PM CAPS NUM INS SCRL
start
2
3
4


Serial Number: C6522287
Model: M24 SWS
RE00085659

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
C6522287			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

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522287.__0
FILE DATE AND TIME: 11/03/2004 08:58

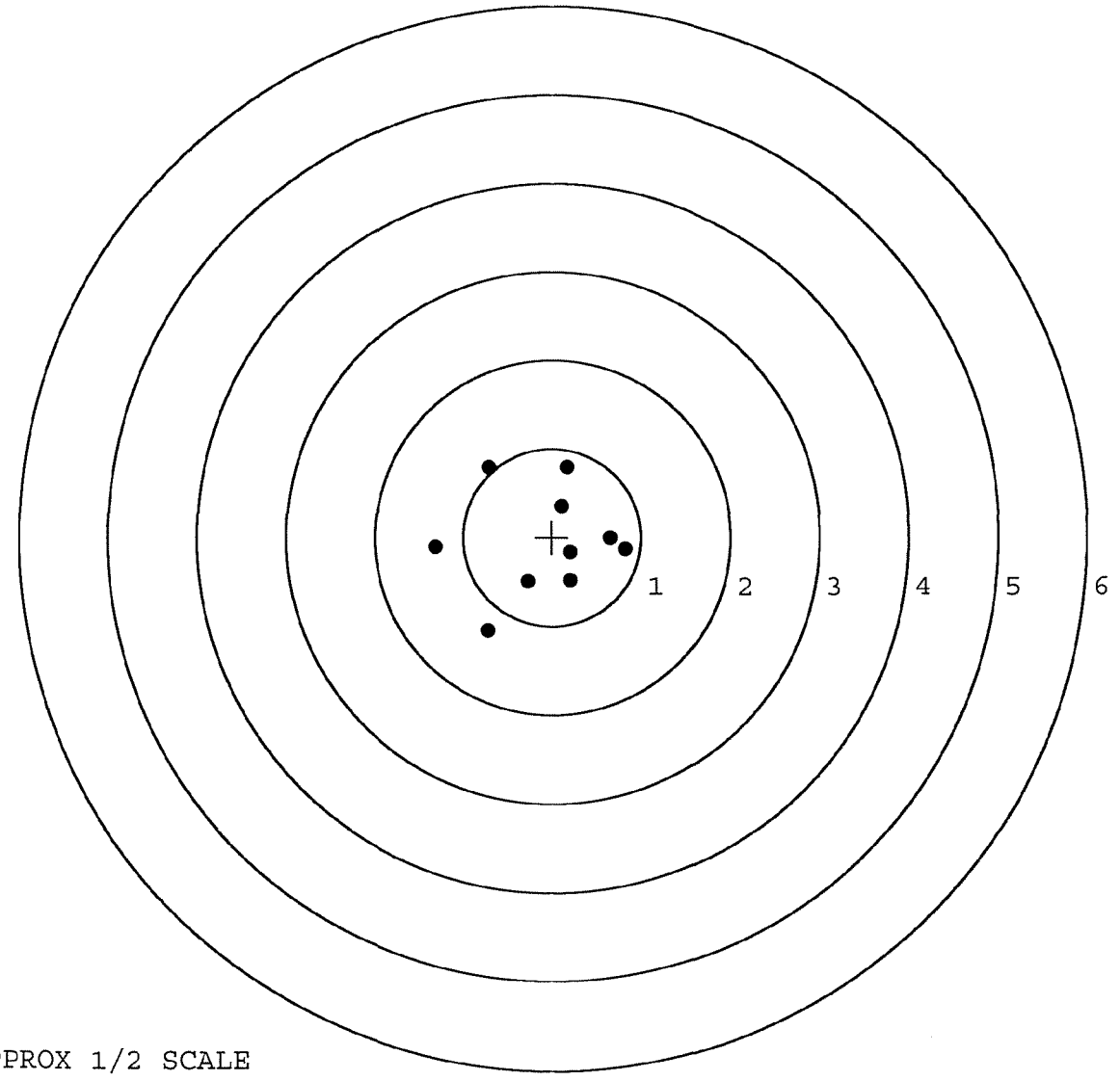
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.086
The Average Y Centroid of the Five Target Set:	-0.078
The Average Point of Impact of the Five Target Set:	0.116
The Average Mean Radius of the Five Target Set:	0.642
The Distance from POA to Centroid Target #1:	0.099
The Distance from Centroid Target #2 to Centroid Target #1:	0.180
The Distance from Centroid Target #3 to Centroid Target #1:	0.057
The Distance from Centroid Target #4 to Centroid Target #1:	0.028
The Distance from Centroid Target #5 to Centroid Target #1:	0.243

SERIAL NUMBER: C6522287.__0
TARGET NUMBER: 1
FILE DATE: 11/03/2004
FILE TIME: 08:58

X CENTROID:	-0.084
Y CENTROID:	-0.054
POA TO CENTROID:	0.099
HORZ SPREAD:	2.135
VERT SPREAD:	1.846
GROUP SPREAD:	2.135
MIN RADIUS:	0.317
MAX RADIUS:	1.232
MEAN RADIUS:	0.778
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.821	-0.138
2:	0.658	-0.009
3:	0.212	-0.167
4:	0.212	-0.493
5:	-0.271	-0.500
6:	-0.724	-1.054
7:	-1.314	-0.111
8:	-0.707	0.791
9:	0.109	0.353
10:	0.169	0.792



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522287.__0
TARGET NUMBER: 2
FILE DATE: 11/03/2004
FILE TIME: 08:58

X CENTROID:	-0.252
Y CENTROID:	0.009
POA TO CENTROID:	0.252
HORZ SPREAD:	1.865
VERT SPREAD:	1.393
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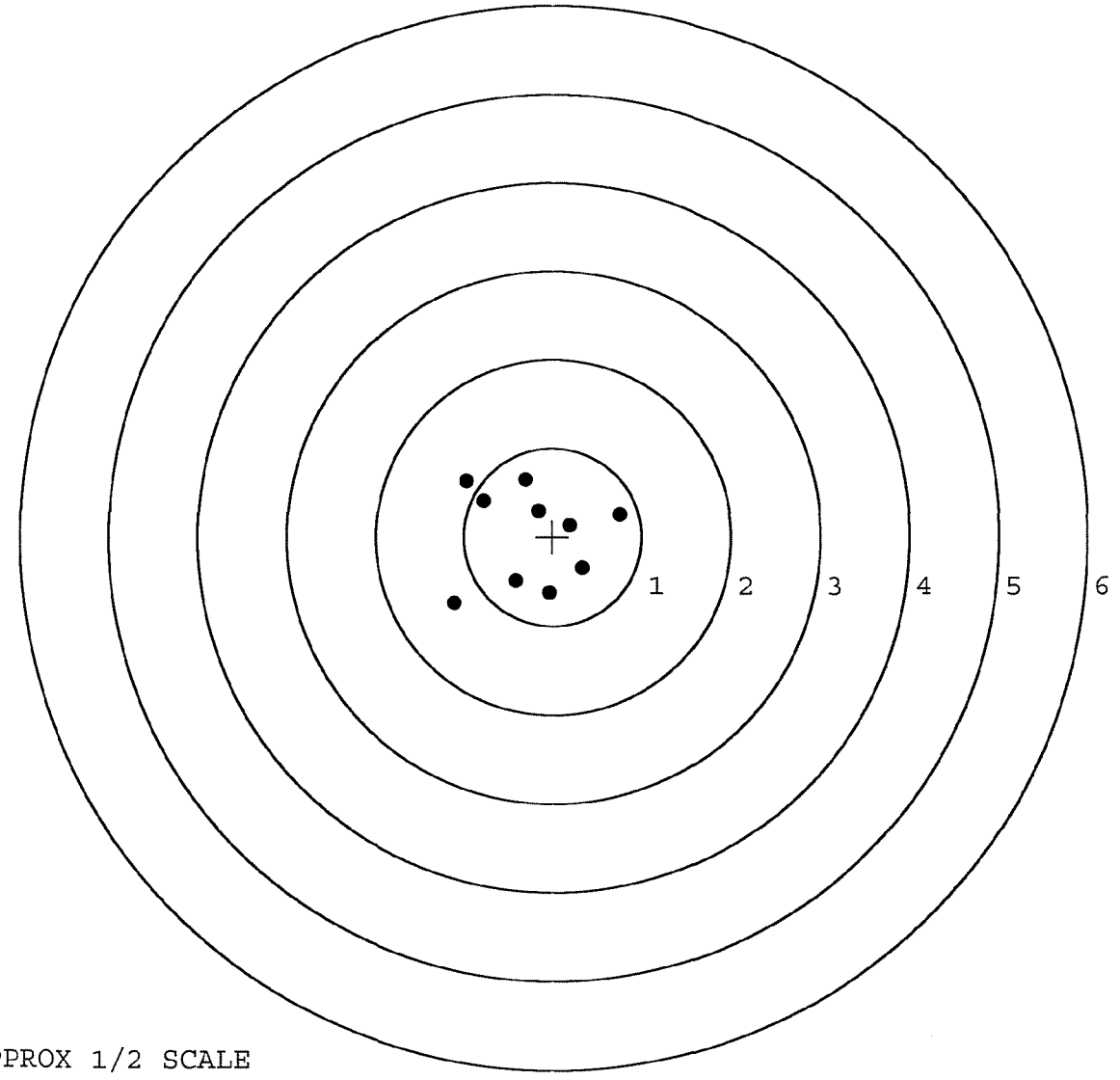
4:	-0.414	-0.506
5:	-1.111	-0.749
6:	-0.977	0.628
7:	-0.785	0.400
8:	-0.312	0.644
9:	-0.166	0.290
10:	0.198	0.127

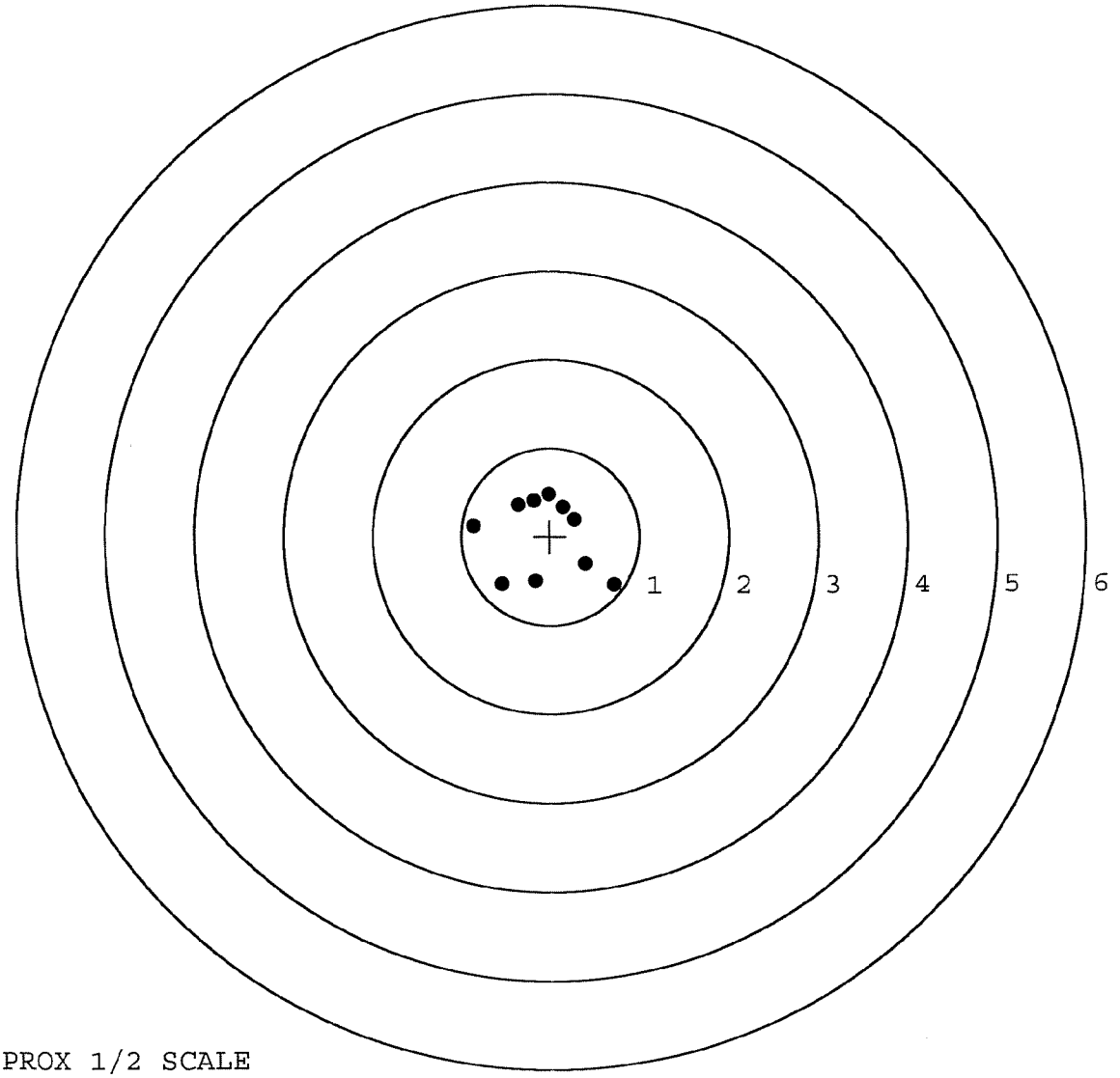


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522287.__0
TARGET NUMBER: 3
FILE DATE: 11/03/2004
FILE TIME: 08:58

X CENTROID:	-0.059
Y CENTROID:	-0.002
POA TO CENTROID:	0.059
HORZ SPREAD:	1.577
VERT SPREAD:	1.023
GROUP SPREAD:	1.712
MIN RADIUS:	0.388
MAX RADIUS:	0.947
MEAN RADIUS:	0.569
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.716	-0.547
2:	0.396	-0.309
3:	-0.169	-0.504
4:	-0.545	-0.535
5:	-0.861	0.120
6:	0.278	0.190
7:	0.149	0.327
8:	-0.017	0.476
9:	-0.181	0.404
10:	-0.357	0.355



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522287.__0
TARGET NUMBER: 4
FILE DATE: 11/03/2004
FILE TIME: 08:58

X CENTROID:	-0.080
Y CENTROID:	-0.081
POA TO CENTROID:	0.114
HORZ SPREAD:	1.534
VERT SPREAD:	1.917
GROUP SPREAD:	1.998
MIN RADIUS:	0.104
MAX RADIUS:	1.161
MEAN RADIUS:	0.585
# IN 1 IN DIAMETER:	5
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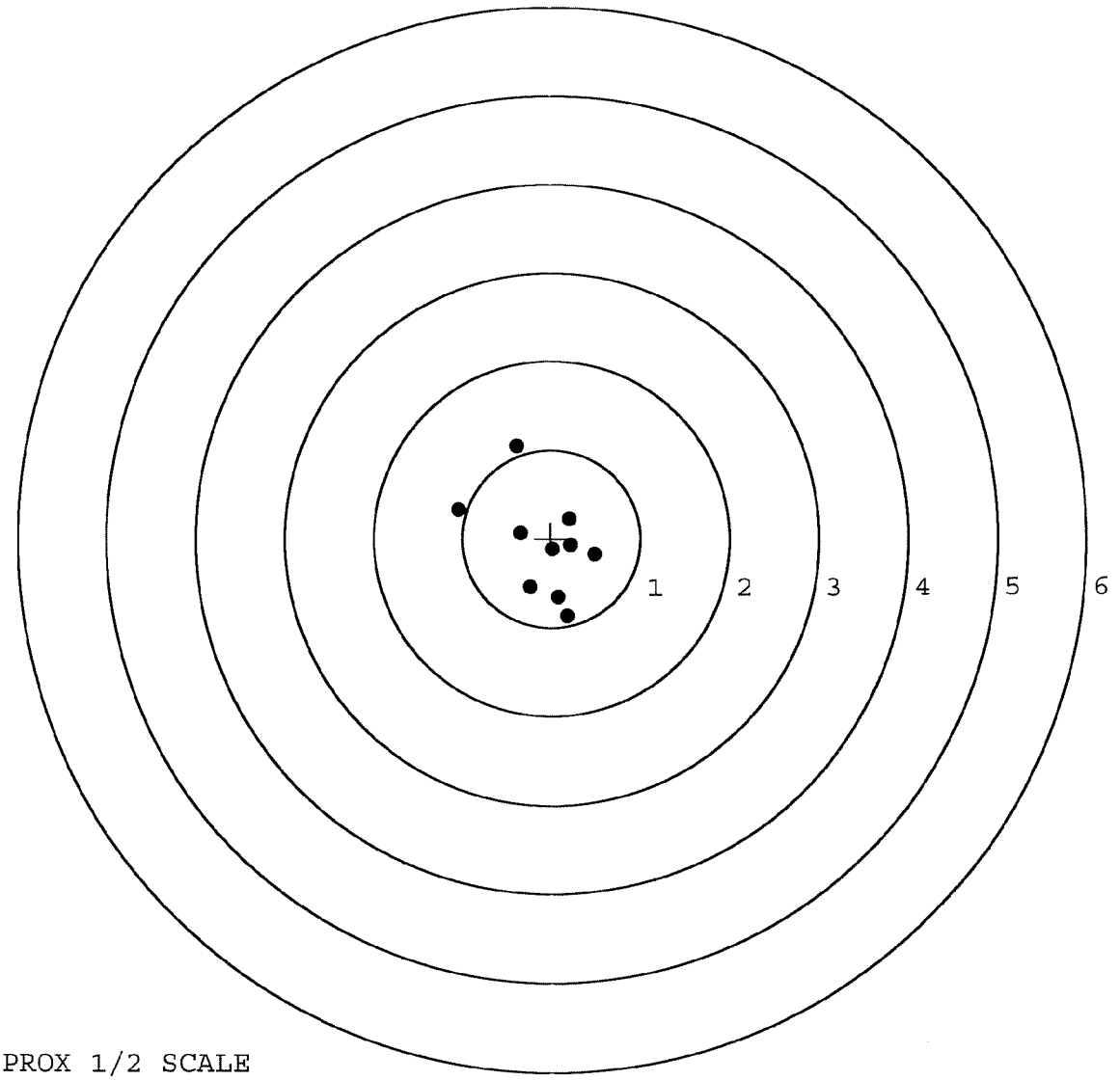
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.046	0.329
2:	-0.382	1.040
3:	0.488	-0.183
4:	0.182	-0.877
5:	0.081	-0.664
6:	-0.238	-0.547
7:	0.212	0.222
8:	0.224	-0.074
9:	-0.341	0.064
10:	0.016	-0.121



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522287.__0
TARGET NUMBER: 5
FILE DATE: 11/03/2004
FILE TIME: 08:58

X CENTROID:	0.043
Y CENTROID:	-0.261
POA TO CENTROID:	0.264
HORZ SPREAD:	1.029
VERT SPREAD:	1.670
GROUP SPREAD:	1.688
MIN RADIUS:	0.147
MAX RADIUS:	0.953
MEAN RADIUS:	0.570
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.698	0.290
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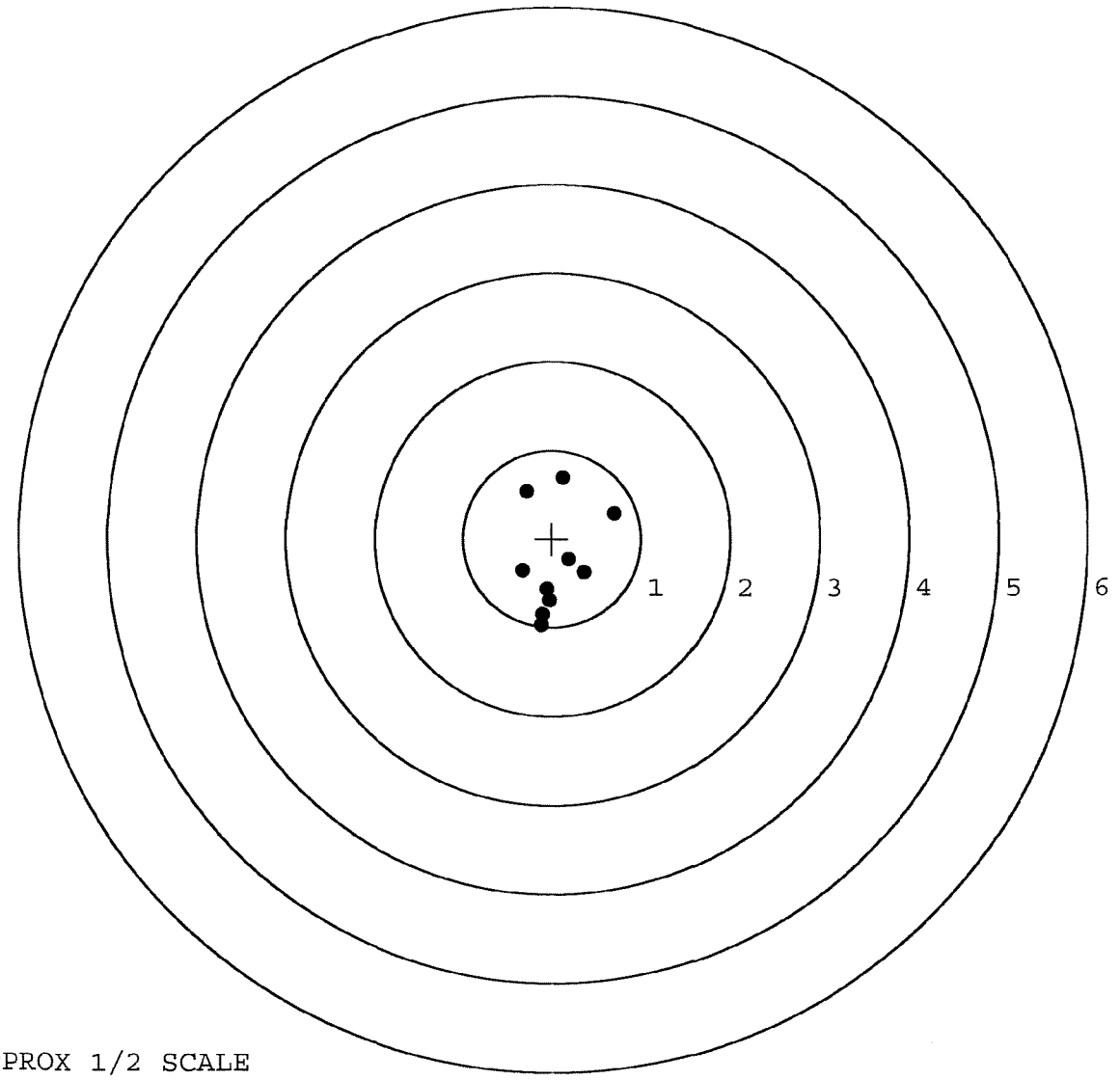
3:	0.364	-0.384
4:	-0.331	-0.366
5:	0.123	0.689
6:	-0.292	0.534
7:	-0.059	-0.580
8:	-0.028	-0.704
9:	-0.109	-0.866
10:	-0.126	-0.981



TARGET APPROX 1/2 SCALE

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

SERIAL # C1652 2287 INSPECTED BY: RTL

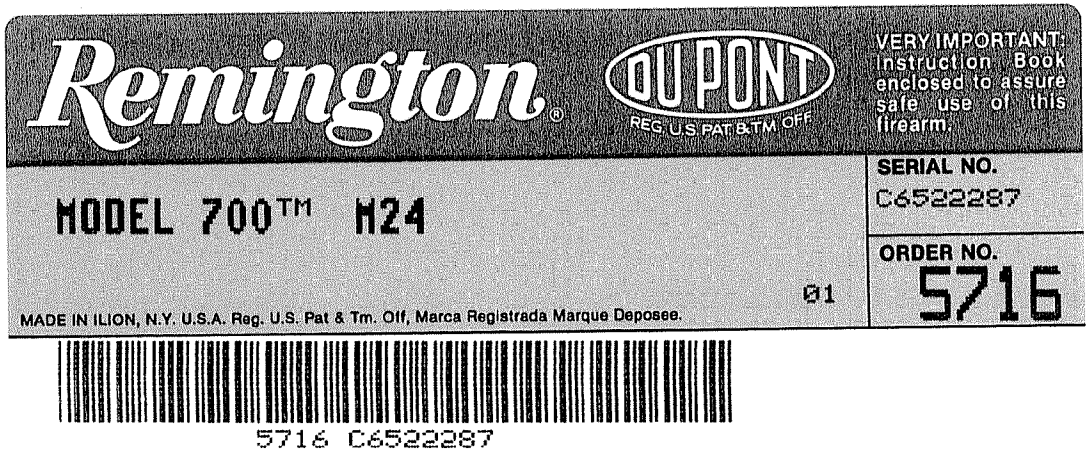
DATE REC'D: 9-28-04 DATE RET'D: 11-10-04

ITEM		ITEM	
BARREL ASSEMBLY		**STOCK ASSEMBLY**	
✓	BARREL	✓	STOCK
✓	RECEIVER	✓	SLING AWIVEL STUDS
✓	FRONT SIGHT BASE	✓	ADJUSTABLE
✓	REAR SIGHT BASE	✓	BUTT PLATE
✓	SCREWS	✓	LOCK NUTS
✓	FINISH	✓	BARREL CLEARANCE
		✓	COLOR / FINISH
SCOPE ASSEMBLY		**SYSTEMS CASE**	
	SCOPE		SCOPE CASE
	SCOPE RINGS		IRON SIGHTS
	MOUNTING SCREWS		DEPLOYMENT KIT
	MOUNTING BASE		
	SCREWS		
	FINISH	**TRIGGER ASSEMBLY**	
	CLARITY	✓	SAFETY OPERATION
		✓	RE-SET TO FACTORY SPECS

COMMENTS:

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

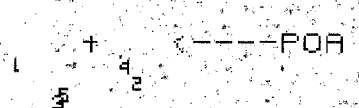
R & E NUMBER	85659		
SERIAL NUMBER	C 6522287		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-7-04	AC
560 A	RE-BARREL	10-8-04	AC
B	DRILL AND TAP	10-12-04	TRW
575	ASSEMBLE	10-8-04	RTZ
600	PROOF	10-11-04	AC
605	CHECK HEADSPACE	10-12-04	RTZ
610	DIS-ASSEMBLE GUN	10-12-04	RTZ
612	MAGNAFLUX	SUPERIOR	
615	ROLLMARK CALIBER	10/13/04	EW
618	ROTO-BLAST	10/14/04	LB
620	APPLY COATINGS	10/25/04	HP
625 A	FINAL ASSEMBLY	10-29-04	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-3-04	TRW
655	FINAL INSPECT	11-4-04	AC
660	PACK	11-5-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		



CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522287
8 Aug 1990

CENTROIDAL DISTANCES

0	TO	1	1.3927
1	TO	2	2.20594
1	TO	3	1.03972
1	TO	4	1.96931
1	TO	5	1.04912

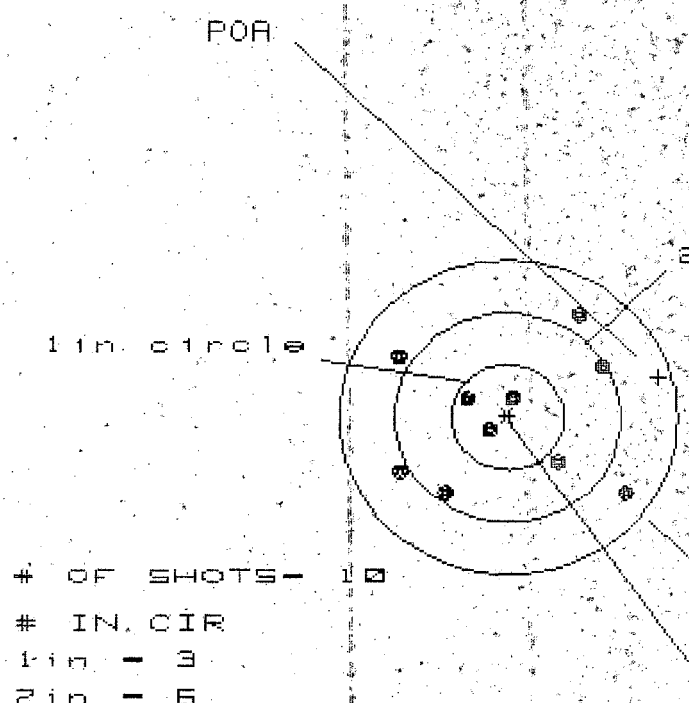


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1868
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.7232
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .746935

THE AMR FOR THIS RIFLE IS: .7456

8 Aug 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6522287

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

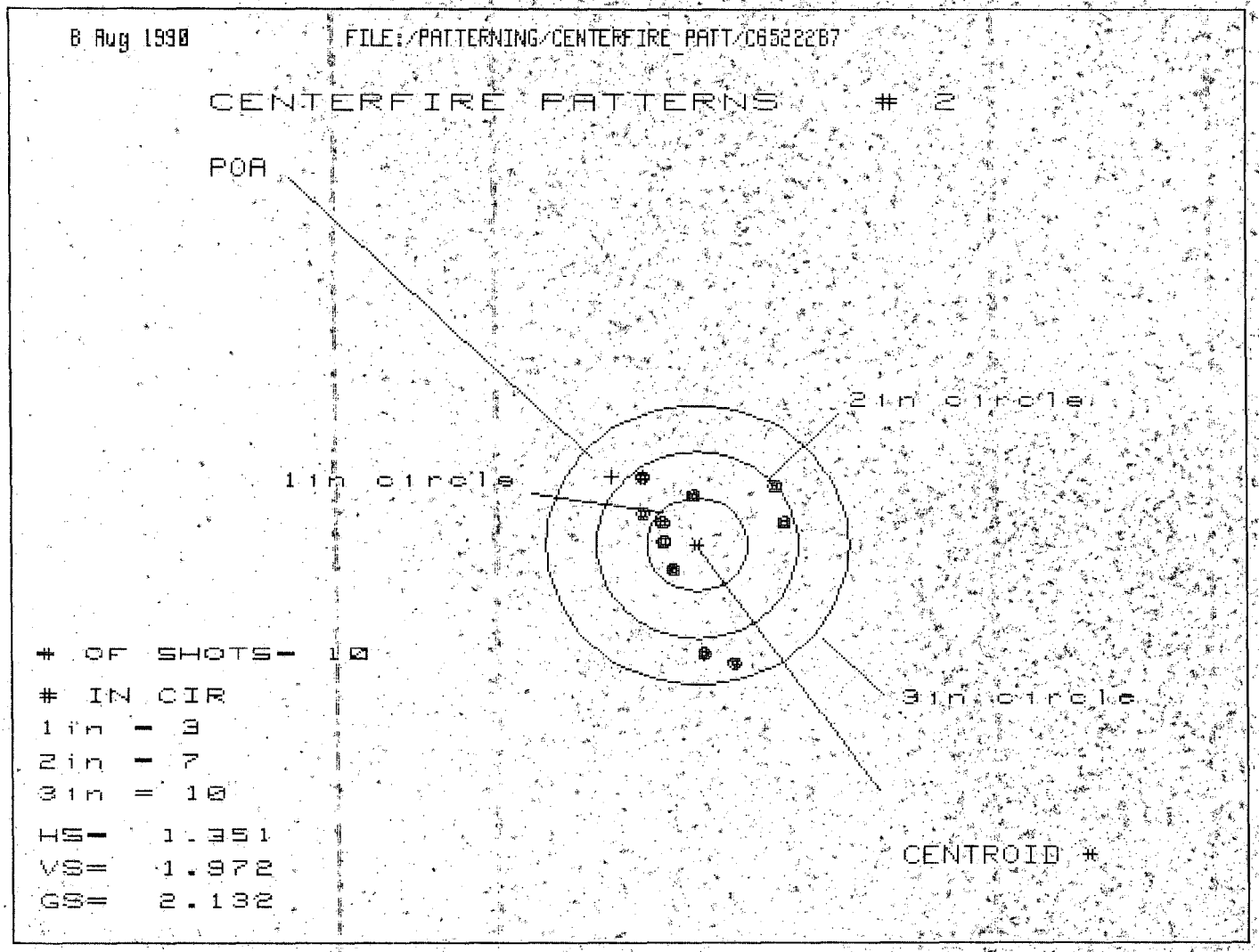
#	IN. CIR
1in	= 3
2in	= 6
3in	= 10

HS= 2.053
VS= 1.720
GS= 2.426

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.065	.939	1.033
MINIMUM X	:	-.988	-.870	-.776
MAXIMUM Y	:	.978	.895	.579
MINIMUM Y	:	-.742	-.785	-.673
CENTROID X	:	-1.339	-1.457	-1.551
CENTROID Y	:	-.383	-.300	-.412
POA TO CENTROID in.	:	1.393	1.488	1.605
MIN RADIUS	:	.154	.172	.105
MEAN RADIUS	:	.793	.723	.656
MAX RADIUS	:	1.298	1.166	1.172
HORIZONTAL SPREAD	:	2.053	1.809	1.809
VERTICAL SPREAD	:	1.720	1.680	1.252
EXTREME SPREAD	:	2.426	2.163	2.054
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Aug 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C65222B7

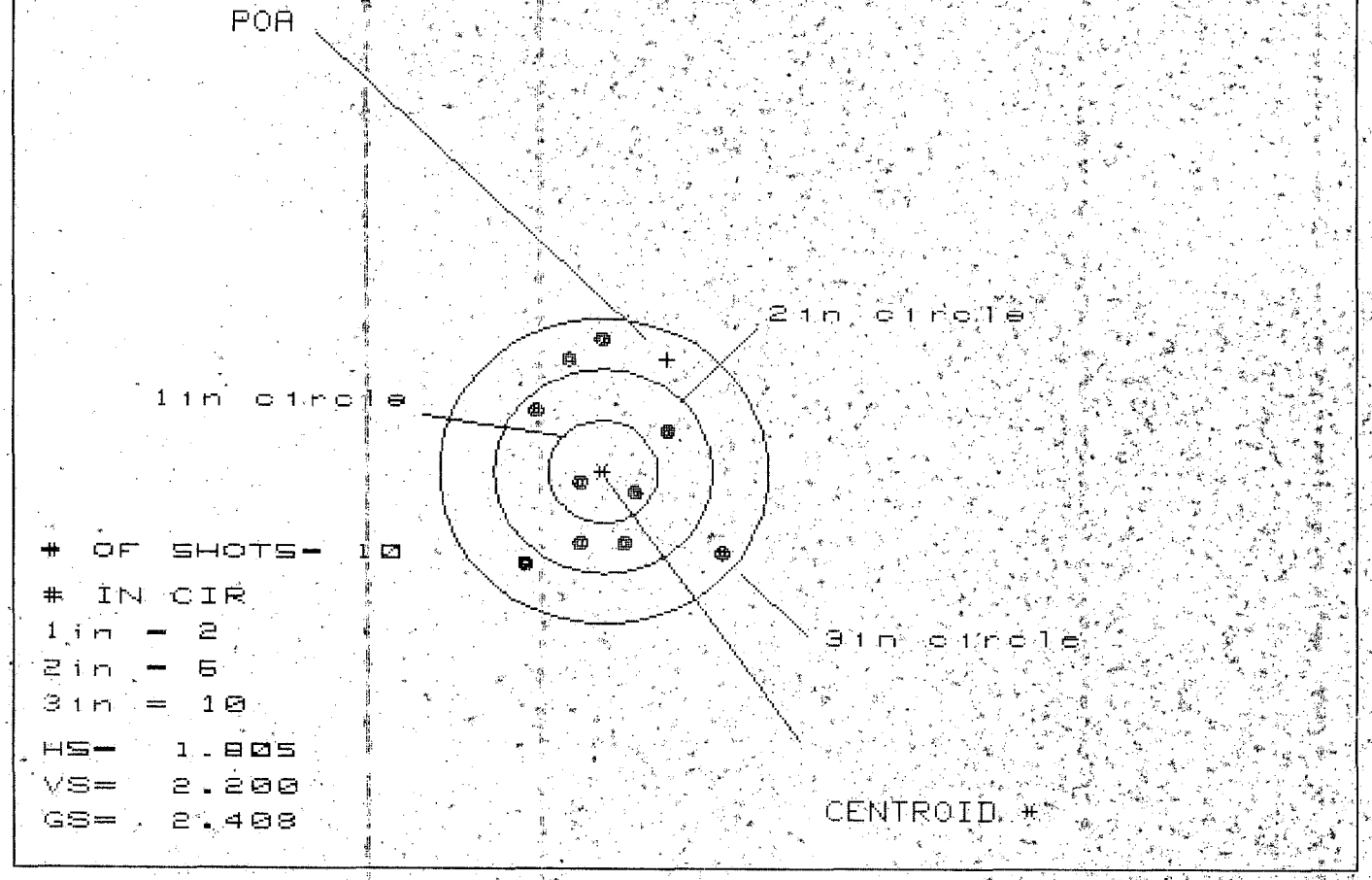
CENTERFIRE PATTERNS # 2



PATTERN #	:	02		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.822	.857	.873
MINIMUM X	:	-.529	-.494	-.478
MAXIMUM Y	:	.693	.551	.382
MINIMUM Y	:	-1.279	-1.353	-.581
CENTROID X	:	.839	.804	.788
CENTROID Y	:	-.733	-.591	-.422
POA TO CENTROID in.	:	1.114	.998	.894
MIN RADIUS	:	.300	.273	.215
MEAN RADIUS	:	.756	.660	.547
MAX RADIUS	:	1.317	1.360	.914
HORIZONTAL SPREAD	:	1.351	1.351	1.351
VERTICAL SPREAD	:	1.972	1.904	.963
EXTREME SPREAD	:	2.132	2.014	1.418
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Aug 1990 FILE: /PATTERNING/CENTERFIRE PATT/C6522287

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

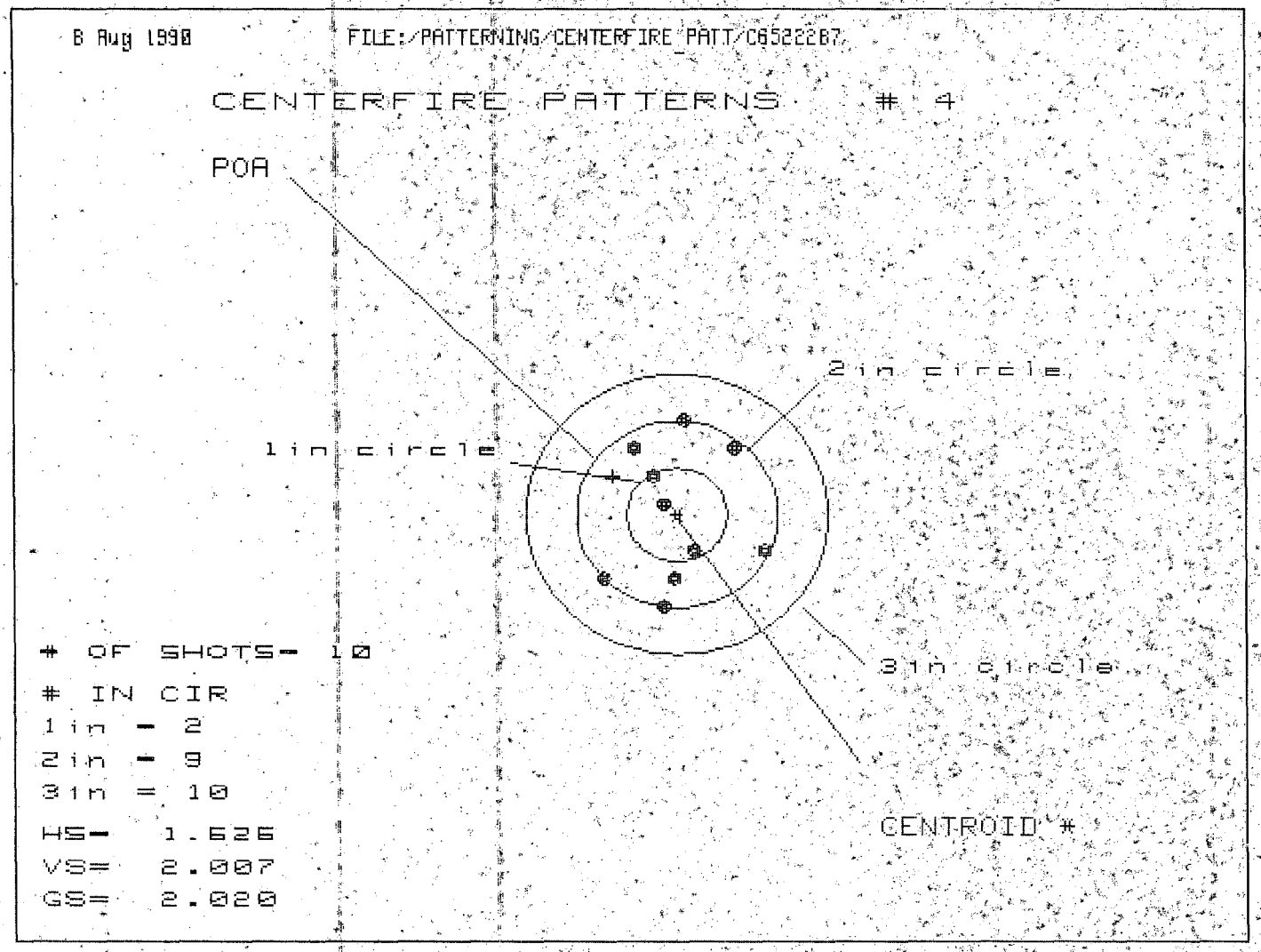
# IN CIR
1in = 2
2in = 6
3in = 10

HS= 1.805
VS= 2.200
GS= 2.408

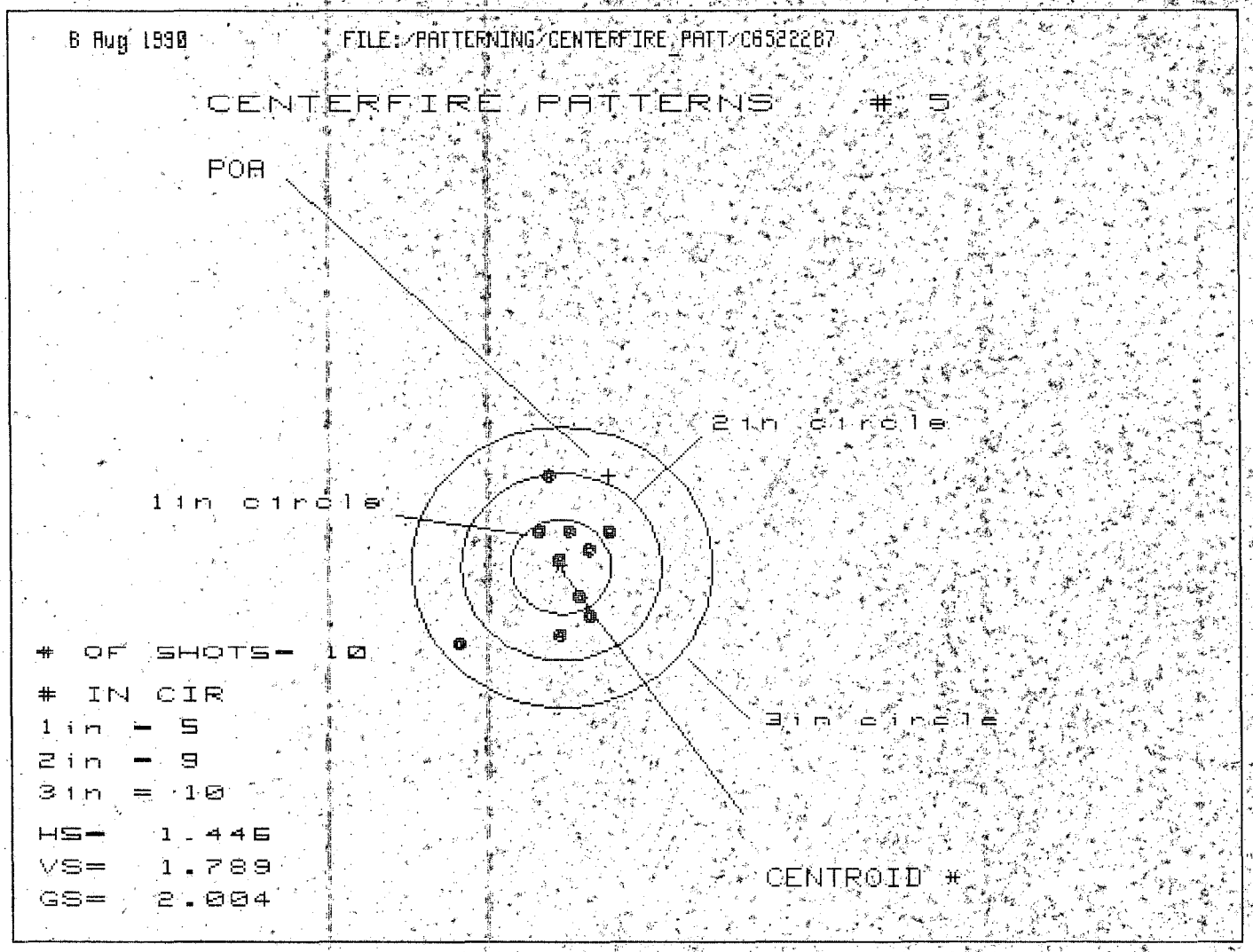
PATTERN #	:	3	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.105	.661	.672
MINIMUM X	:	-.700	-.578	-.567
MAXIMUM Y	:	1.295	1.203	1.121
MINIMUM Y	:	-.905	-.997	-.847
CENTROID X	:	-.587	-.709	-.720
CENTROID Y	:	-1.101	-1.009	-1.159
POA TO CENTROID in.	:	1.247	1.233	1.365
MIN RADIUS	:	.259	.226	.114
MEAN RADIUS	:	.845	.788	.705
MAX RADIUS	:	1.379	1.206	1.140
HORIZONTAL SPREAD	:	1.805	1.239	1.239
VERTICAL SPREAD	:	2.200	2.200	1.968
EXTREME SPREAD	:	2.408	2.298	2.001
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Aug 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6522287

CENTERFIRE PATTERNS # 4



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.909	.915	.826
MINIMUM X	:	-.717	-.711	-.485
MAXIMUM Y	:	1.057	.884	.812
MINIMUM Y	:	-.950	-.833	-.905
CENTROID X	:	.630	.624	.713
CENTROID Y	:	-.418	-.535	-.463
POA TO CENTROID in.	:	.756	.822	.850
MIN RADIUS	:	.155	.237	.249
MEAN RADIUS	:	.751	.708	.685
MAX RADIUS	:	1.058	1.079	.970
HORIZONTAL SPREAD	:	1.626	1.626	1.311
VERTICAL SPREAD	:	2.007	1.717	1.717
EXTREME SPREAD	:	2.020	1.976	1.888
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.437	.325	.297
MINIMUM X	:	-1.009	-.314	-.342
MAXIMUM Y	:	.972	.881	.397
MINIMUM Y	:	-.817	-.809	-.699
CENTROID X	:	-.477	-.365	-.337
CENTROID Y	:	-.981	-.890	-1.000
POA TO CENTROID in.	:	1.091	.962	1.055
MIN RADIUS	:	.103	.107	.181
MEAN RADIUS	:	.583	.473	.429
MAX RADIUS	:	1.299	.908	.710
HORIZONTAL SPREAD	:	1.446	.639	.639
VERTICAL SPREAD	:	1.789	1.690	1.096
EXTREME SPREAD	:	2.004	1.694	1.176
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522287

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/90	KA
600	Proof		6/24/90	KA
607	Check Headspace		6/24/90	KA
610	Dis-assemble Gun		6/24/91	KA
612	Magnaflux Barrel Action		7/10/90	KR
	Magnaflux Bolt		7/10/90	KR
615	Rollmark Caliber		7/10/90	D.S.
617	Drill and Tap Sight Holes		7/11/90	KB
618	Polish Barrel KB		7/13/90	WB
620	Apply Coatings (Barrel Action)		1-23-90	KH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/1/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/1/90	KS
	C) Inspect Ejector Hole for Chamfer		8/1/90	KS
	D) Oil Firing Pin Ass'y		8/1/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9-5-90	RH

op. #	OP. NAME	READINGS					DATE	INIT.
625 cont.	F) Safety On Force	5	5	5			7/27/90	[illegible]
	G) Safety Off Force	3	3	3			7/27/90	[illegible]
	H) Trigger Pull Test & Retainability						9-5-90	[illegible]
	I) Firing Pin Indent	.023	.0225	.0225			7/27/90	[illegible]
	J) Assemble Stock						8/3/90	KS
	K) Assemble Swivel Studs						9/6/90	[illegible]
	L) Attach Front and Rear Sight Assemblies						8/3/90	KS
	M) Iron Sight Alignment						8/3/90	KS
	N) Detach Front & Rear Sights & place in numbered container						8/3/90	KS
	O) Attach Scope to Rifle						8/3/90	KS
	P) Detach & Attach Scope 20 Times						8/3/90	KS
640	Gallery Target & Test						8-8-90	NF
	A) Time						8-8-90	NF
	B) Malfunctions						8-8-90	NF
	C) Pierced Primers						8-8-90	NF
	D) Optical Clearity of Scope						8-8-90	NF
645	Inspect for Live Ammo						8-8-90	NF
655	Final Inspection A) Headspace						9/6/90	[illegible]
	B) Trigger Pull	2.15	2.21	2.40	2.29	2.48	9-5-90	[illegible]
	C) Function						9/6/90	[illegible]
660	Pack						9/19/90	NF

SWS TRIGGER PULL TEST

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

SERIAL NO C6522287

DATE 9-5-90

TESTER GH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.23	2.18	2.15	MIN. SETTING,
PULL #2	2.25	2.20	2.13	2.21	NO AVG. OF 5
PULL #3	2.17	2.12	2.13	2.40	READINGS ACCEPT-
PULL #4	2.18	2.50	2.13	2.29	ABLE LESS THAN 2#
PULL #5	2.26	2.25	2.20	2.48	
TOTAL	11.09	11.36	10.77	11.53	
AVG.	2.218	2.26	2.154	2.306	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.31		
PULL #2	3.36	3.12		
PULL #3	3.34	3.16		
PULL #4	3.16	3.12		
PULL #5	3.14	3.14		
TOTAL	16.36	15.85		
AVG.	3.272	3.17		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.19		4.30
PULL #2	4.55	4.12		4.13
PULL #3	4.21	4.09		4.07
PULL #4	4.50	4.20		4.15
PULL #5	4.26	4.12		4.10
TOTAL	21.83	20.72		20.75
AVG.	4.366	4.144		4.15