C6594662

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

Order No. 5716

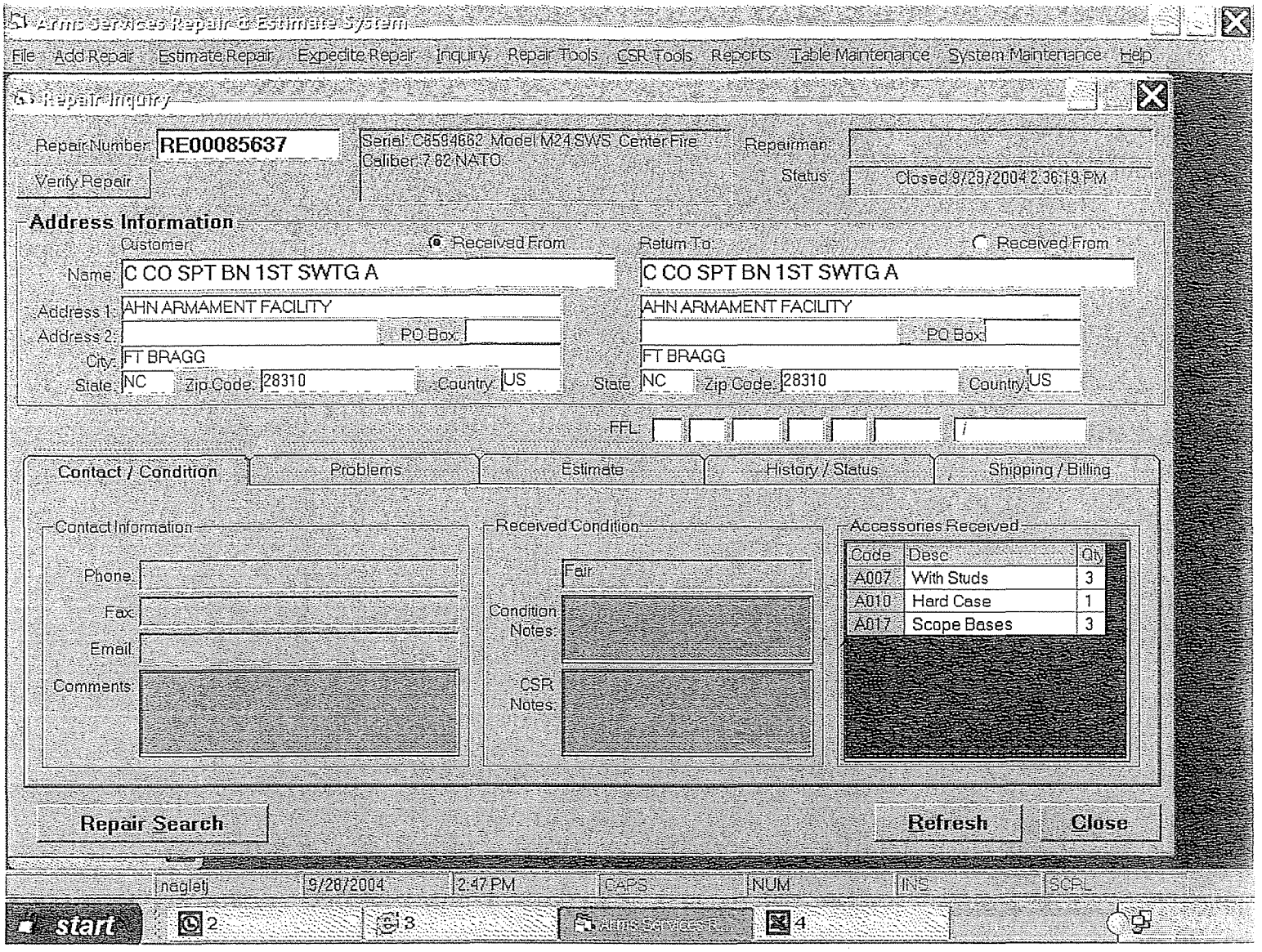
*Includes 1 in chamber.

Remington®

Smead®

M2400021361

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER



Serial Number: C6594662

Model: M24 SWS

RE00085637

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594662.__1
FILE DATE AND TIME: 11/03/2004 09:02

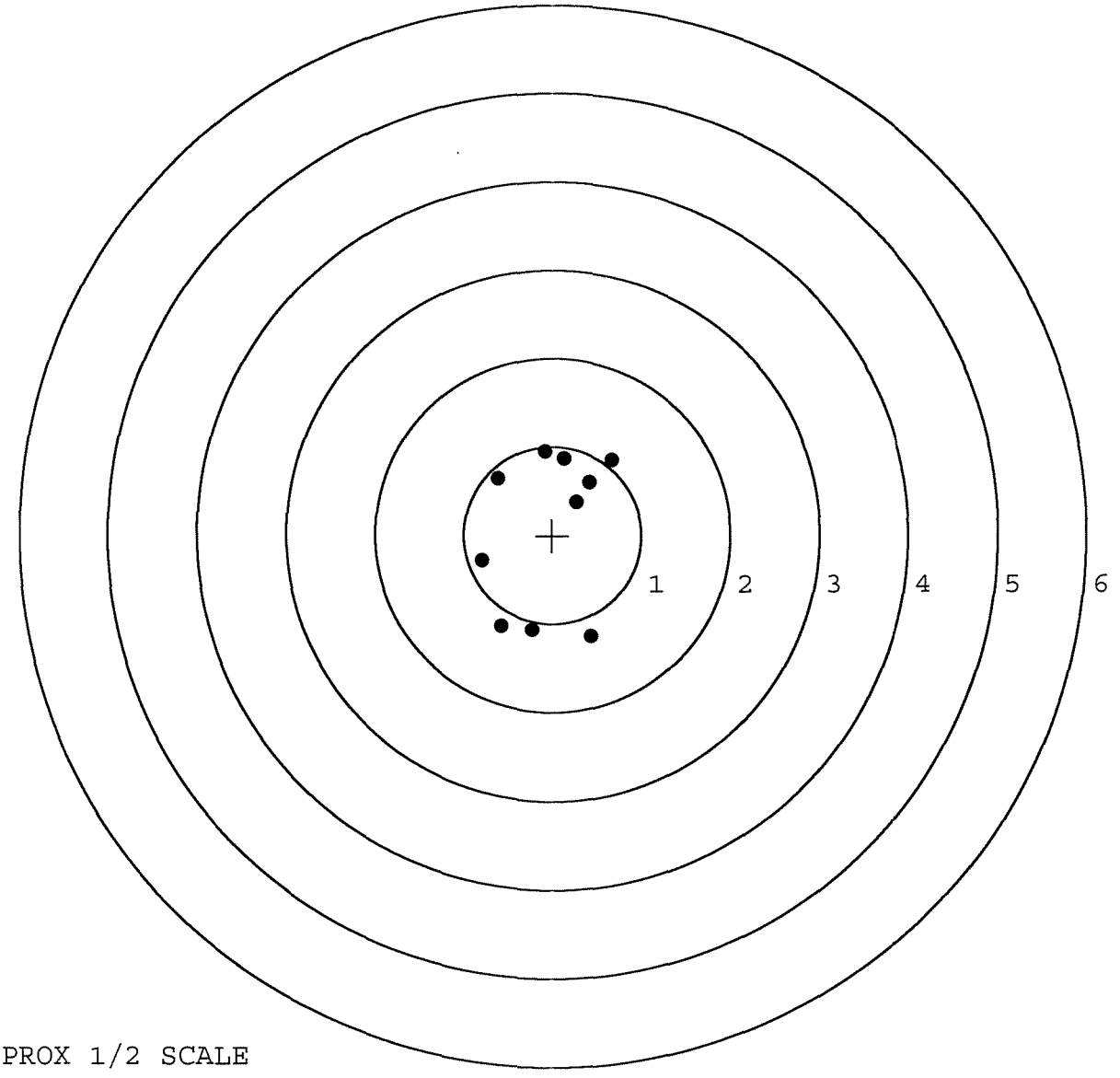
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.117
The Average Y Centroid of the Five Target Set:	-0.102
The Average Point of Impact of the Five Target Set:	0.155
The Average Mean Radius of the Five Target Set:	0.812
The Distance from POA to Centroid Target #1:	0.080
The Distance from Centroid Target #2 to Centroid Target #1:	0.319
The Distance from Centroid Target #3 to Centroid Target #1:	0.409
The Distance from Centroid Target #4 to Centroid Target #1:	0.179
The Distance from Centroid Target #5 to Centroid Target #1:	0.257

SERIAL NUMBER: C6594662.__1
TARGET NUMBER: 1
FILE DATE: 11/03/2004
FILE TIME: 09:02

X CENTROID:	-0.038
Y CENTROID:	0.071
POA TO CENTROID:	0.080
HORZ SPREAD:	1.464
VERT SPREAD:	2.095
GROUP SPREAD:	2.160
MIN RADIUS:	0.434
MAX RADIUS:	1.310
MEAN RADIUS:	0.922
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.670	0.847
2:	0.414	0.599
3:	0.271	0.376
4:	0.137	0.863
5:	-0.086	0.945
6:	-0.615	0.635
7:	-0.794	-0.292
8:	-0.577	-1.039
9:	-0.233	-1.076
10:	0.438	-1.150

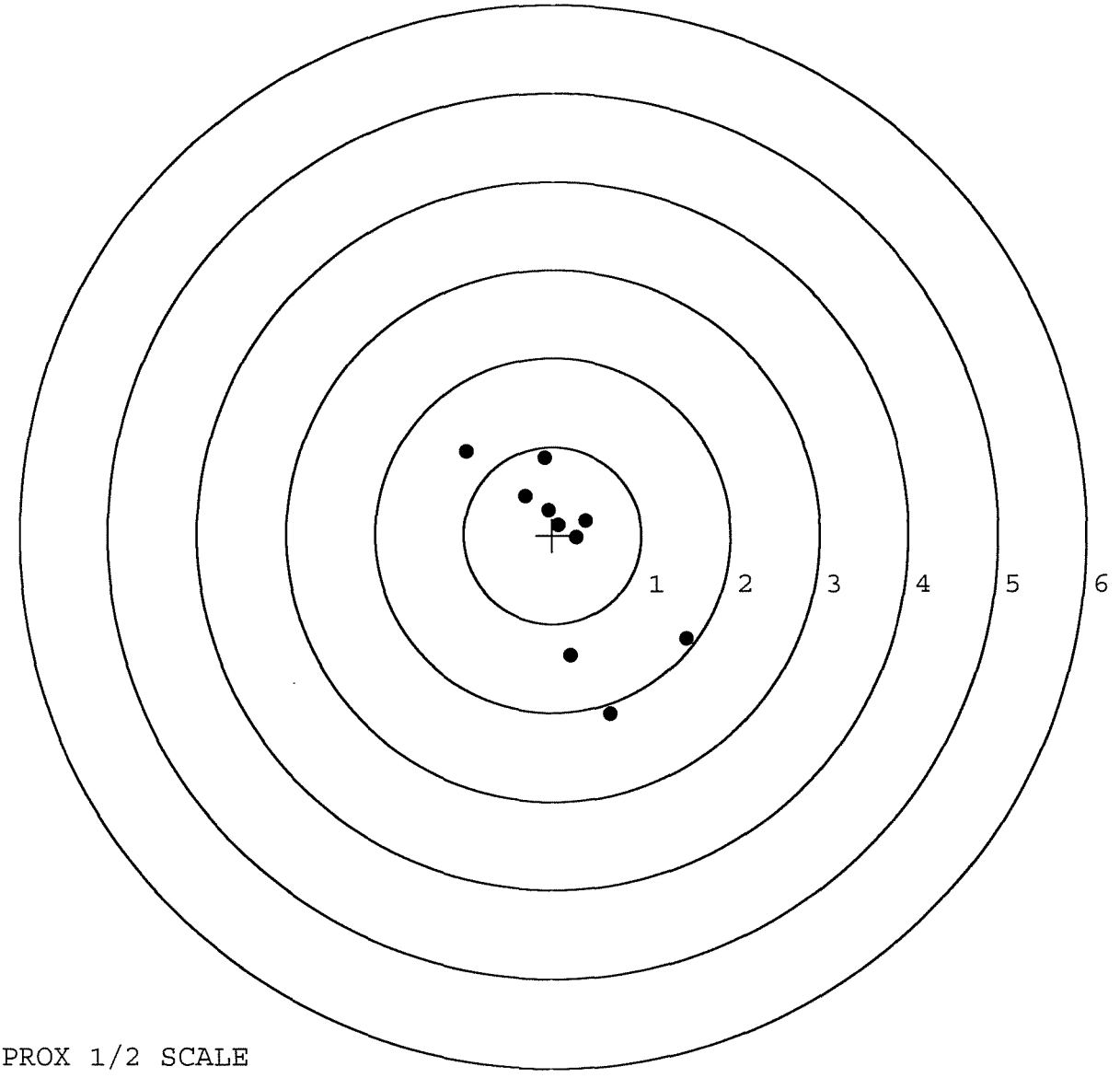


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594662.__1
TARGET NUMBER: 2
FILE DATE: 11/03/2004
FILE TIME: 09:02

X CENTROID:	0.165
Y CENTROID:	-0.175
POA TO CENTROID:	0.241
HORZ SPREAD:	2.470
VERT SPREAD:	2.955
GROUP SPREAD:	3.370
MIN RADIUS:	0.176
MAX RADIUS:	1.902
MEAN RADIUS:	0.960
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	1.502	-1.169
2:	0.653	-2.014
3:	0.201	-1.365
4:	-0.090	0.879
5:	-0.968	0.941
6:	-0.312	0.446
7:	-0.052	0.280
8:	0.073	0.117
9:	0.375	0.165
10:	0.269	-0.033

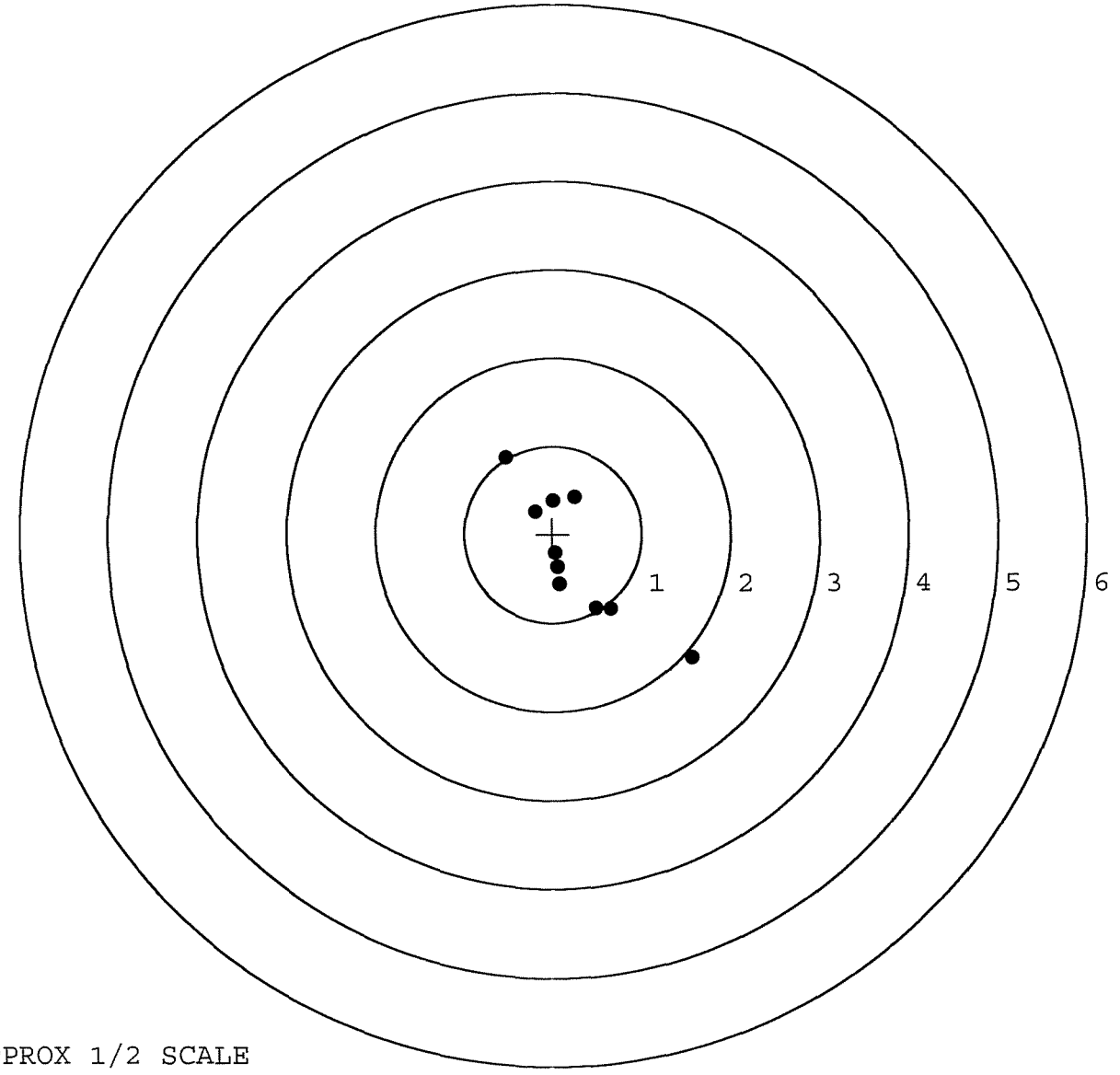


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594662.__1
TARGET NUMBER: 3
FILE DATE: 11/03/2004
FILE TIME: 09:02

X CENTROID:	0.238
Y CENTROID:	-0.231
POA TO CENTROID:	0.332
HORZ SPREAD:	2.092
VERT SPREAD:	2.261
GROUP SPREAD:	3.080
MIN RADIUS:	0.207
MAX RADIUS:	1.762
MEAN RADIUS:	0.728
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.655	-0.846
2:	0.488	-0.838
3:	0.074	-0.567
4:	0.059	-0.379
5:	0.031	-0.217
6:	0.246	0.423
7:	-0.006	0.382
8:	-0.202	0.254
9:	-0.530	0.868
10:	1.562	-1.393

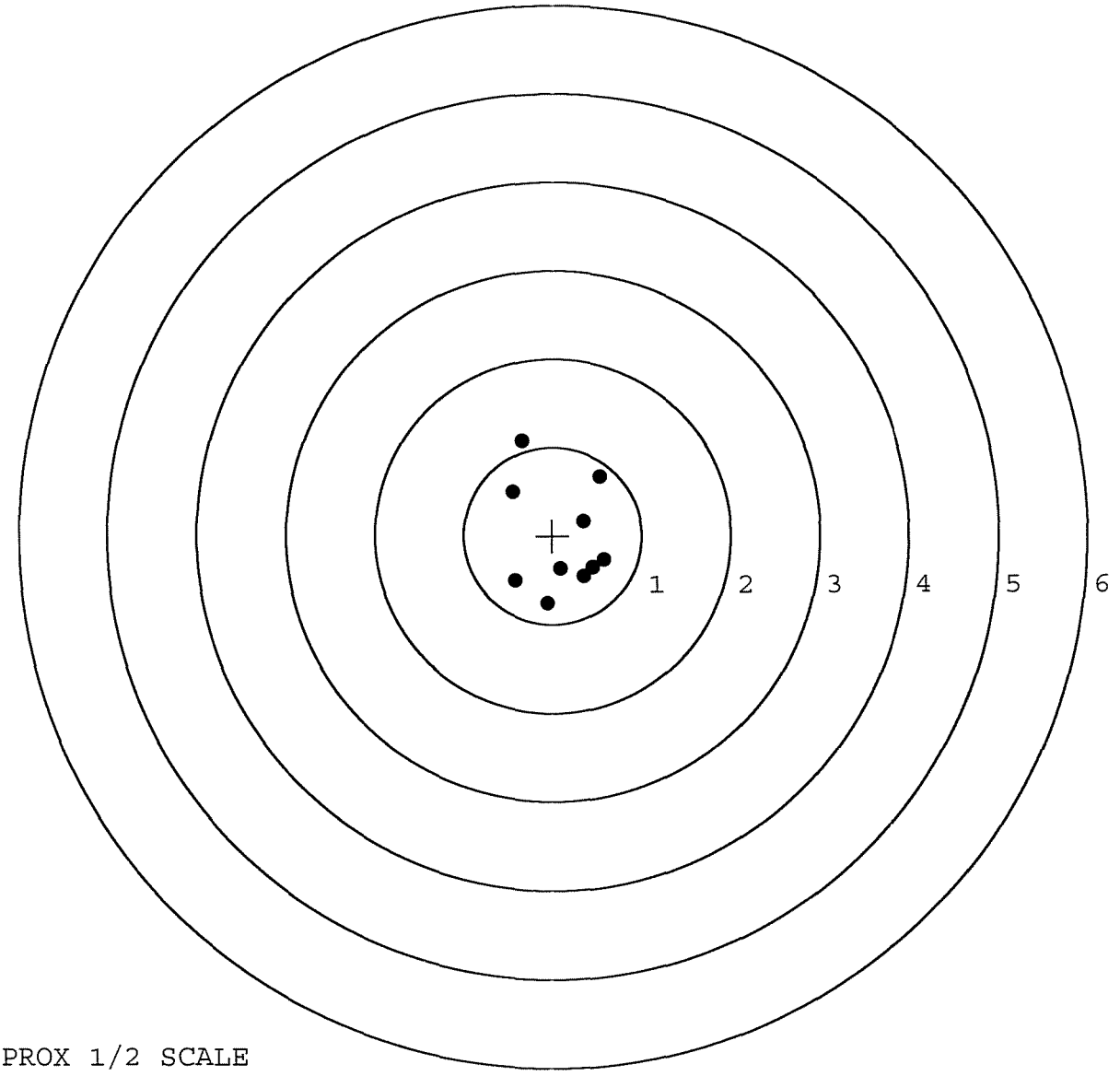


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594662.__1
TARGET NUMBER: 4
FILE DATE: 11/03/2004
FILE TIME: 09:02

X CENTROID:	0.108
Y CENTROID:	-0.034
POA TO CENTROID:	0.113
HORZ SPREAD:	1.026
VERT SPREAD:	1.838
GROUP SPREAD:	1.862
MIN RADIUS:	0.316
MAX RADIUS:	1.195
MEAN RADIUS:	0.639
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.351	1.069
2:	0.529	0.669
3:	-0.448	0.491
4:	0.353	0.165
5:	-0.423	-0.513
6:	-0.054	-0.769
7:	0.091	-0.378
8:	0.352	-0.455
9:	0.448	-0.355
10:	0.578	-0.269

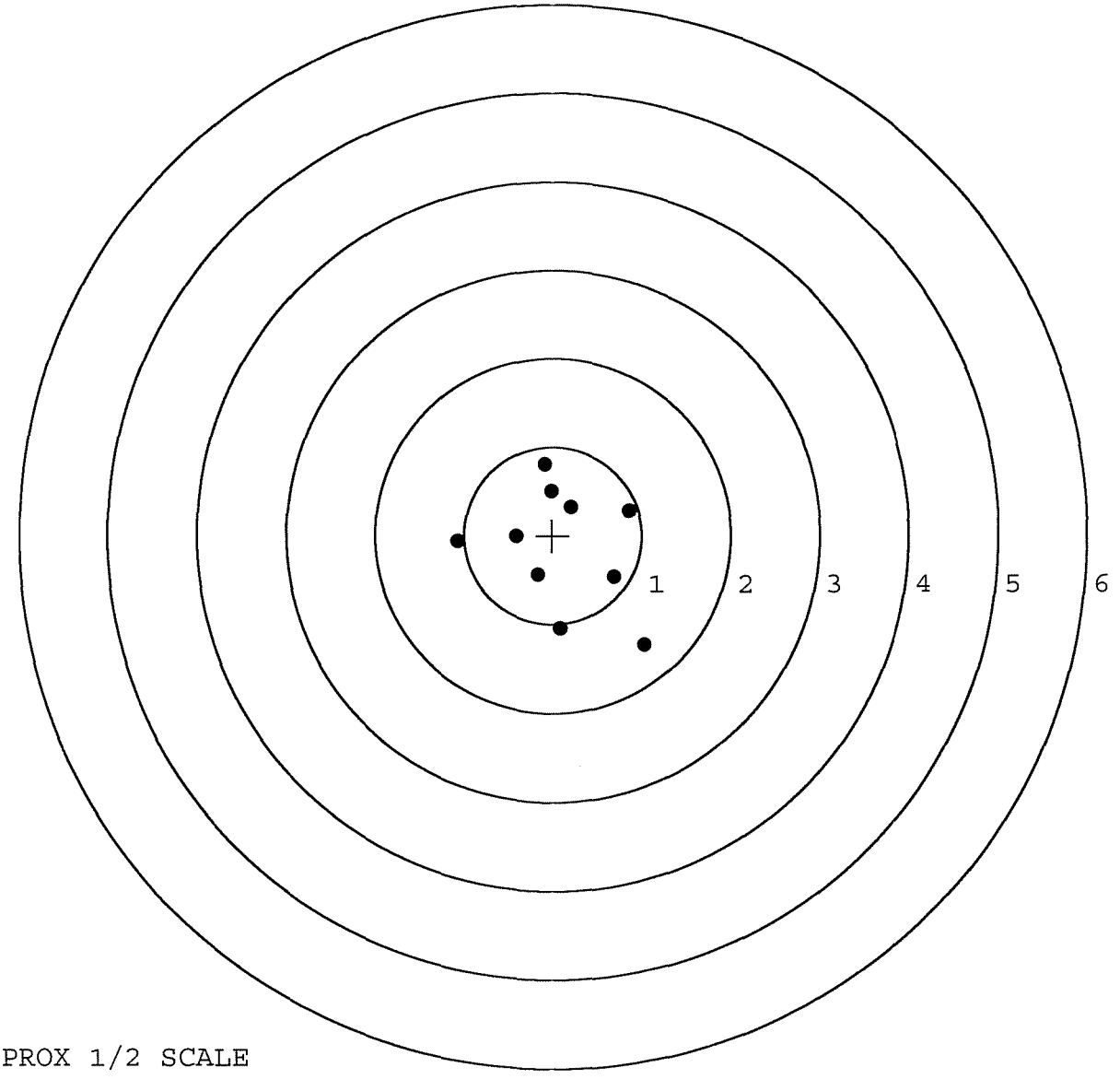


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594662.__1
TARGET NUMBER: 5
FILE DATE: 11/03/2004
FILE TIME: 09:02

X CENTROID:	0.112
Y CENTROID:	-0.138
POA TO CENTROID:	0.178
HORZ SPREAD:	2.100
VERT SPREAD:	2.042
GROUP SPREAD:	2.402
MIN RADIUS:	0.418
MAX RADIUS:	1.433
MEAN RADIUS:	0.810
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.031	-1.238
2:	0.089	-1.054
3:	0.688	-0.471
4:	0.859	0.284
5:	-0.167	-0.450
6:	0.203	0.325
7:	-0.017	0.506
8:	-0.088	0.804
9:	-0.412	-0.015
10:	-1.069	-0.073



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 7.62MM / M24**

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C6594662			**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**		

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

DATE 10-16-04

TESTER TRW

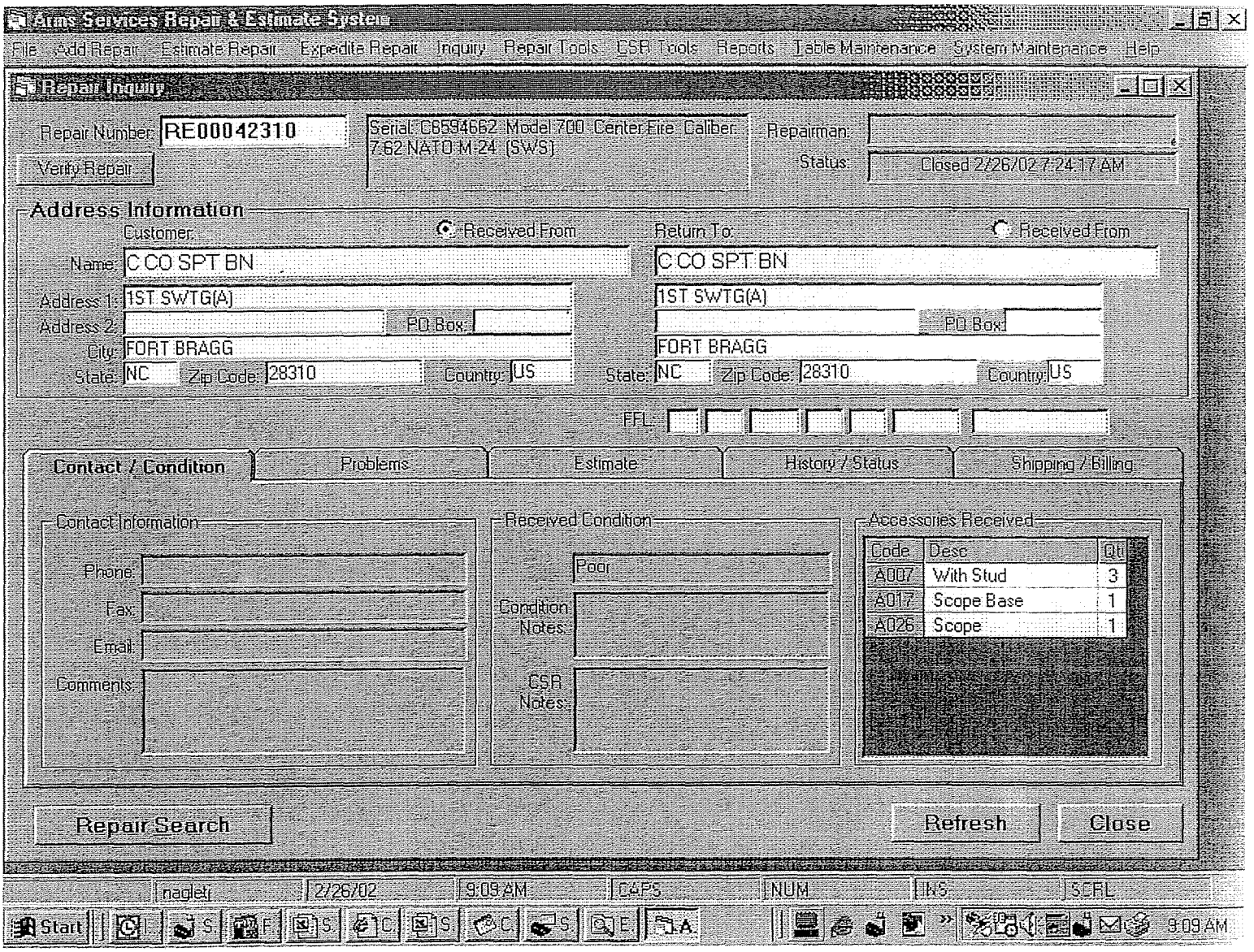
	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.38	2.38		2.37	
PULL #2	2.41	2.37		2.43	
PULL #3	2.40	2.53		2.41	
PULL #4	2.37	2.54		2.46	
PULL #5	2.39	2.52		2.50	
TOTAL	11.95	12.34		12.17	
AVERAGE	2.39	2.46		2.43	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.30		
PULL #2	3.24	3.09		
PULL #3	3.25	3.11		
PULL #4	3.23	3.15		
PULL #5	3.18	3.16		
TOTAL	16.09	15.81		
AVERAGE	3.21	3.16		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.25	4.08		4.36
PULL #2	4.25	4.15		4.50
PULL #3	4.25	4.18		4.45
PULL #4	4.26	4.17		4.49
PULL #5	4.29	4.16		4.45
TOTAL	21.30	20.74		22.25
AVERAGE	4.26	4.14		4.45

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

R & E NUMBER	85637		
SERIAL NUMBER	~~C6594662~~ OK		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-6-04	AC
560 A	RE-BARREL	10-7-04	AC
B	DRILL AND TAP	10-12-04	TRW
575	ASSEMBLE	10-8-04	RTL
600	PROOF	10-11-04	AC
605	CHECK HEADSPACE	10-12-04	RTL
610	DIS-ASSEMBLE GUN	10-12-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10/13/04	CW
618	ROTO-BLAST	10/14/04	CB
620	APPLY COATINGS	10/25/04	HP
625 A	FINAL ASSEMBLY	10-27-04	RTL
B	TRIGGER PULL TEST	11-4-04	AC
C	SAFETY "ON" FORCE	11-4-04	AC
D	SAFETY "OFF" FORCE	11-4-04	AC
E	FIRING PIN INDENT	11-4-04	AC
640	TARGET	11-3-04	TRW
655	FINAL INSPECT	11-4-04	AC
660	PACK	11-5-04	DM
		SHIP DATE	
	QAR INSPECTION DATE		



Serial Number: C6594662

Model: 700

RE00042310

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594662.__0
FILE DATE AND TIME: 03/13/2002 03:07

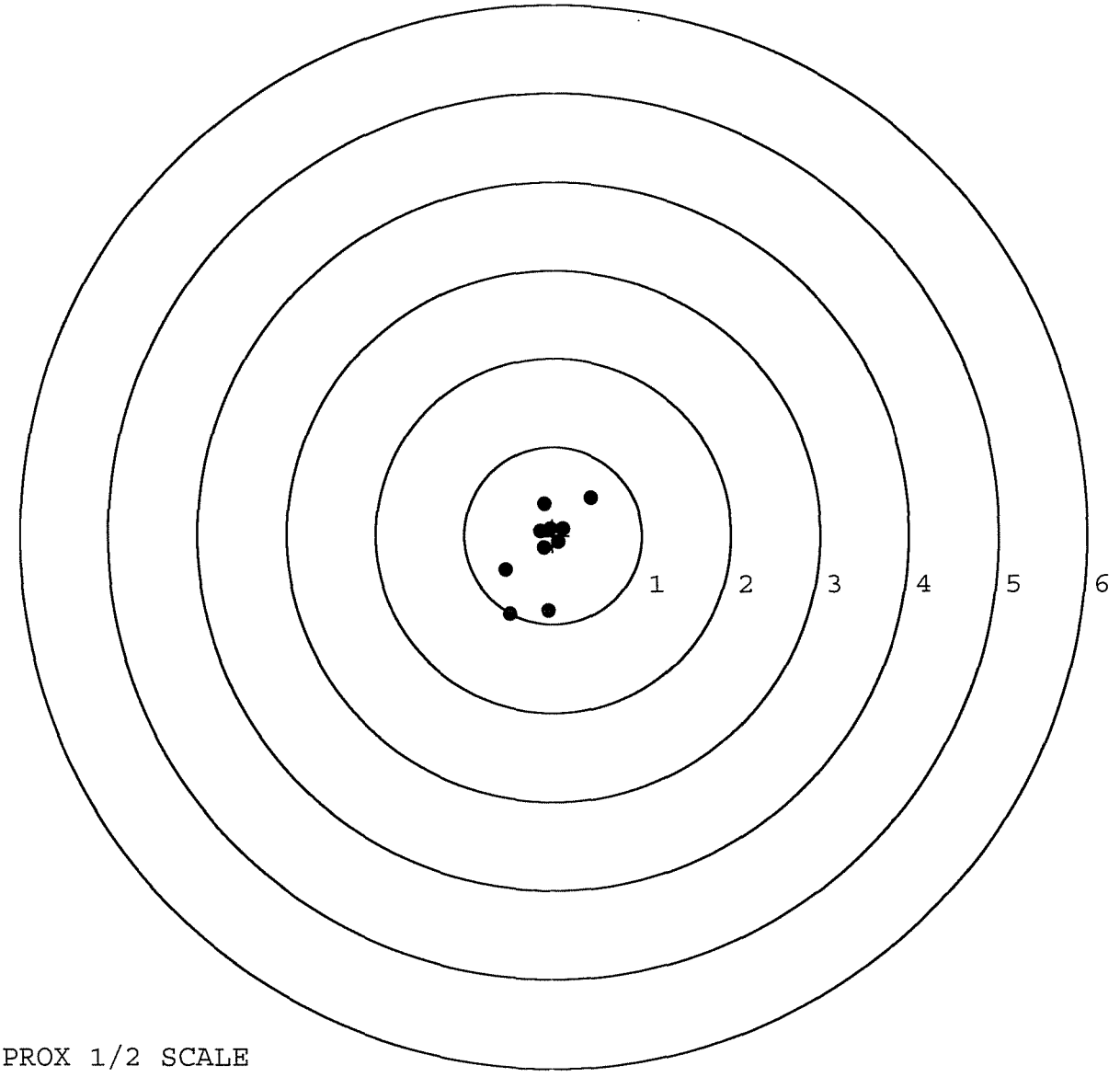
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.156
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.157
The Average Mean Radius of the Five Target Set:	0.511
The Distance from POA to Centroid Target #1:	0.163
The Distance from Centroid Target #2 to Centroid Target #1:	0.159
The Distance from Centroid Target #3 to Centroid Target #1:	0.504
The Distance from Centroid Target #4 to Centroid Target #1:	0.184
The Distance from Centroid Target #5 to Centroid Target #1:	0.161

SERIAL NUMBER: C6594662.__0
TARGET NUMBER: 1
FILE DATE: 03/13/2002
FILE TIME: 03:07

X CENTROID:	-0.086
Y CENTROID:	-0.138
POA TO CENTROID:	0.163
HORZ SPREAD:	0.959
VERT SPREAD:	1.324
GROUP SPREAD:	1.603
MIN RADIUS:	0.021
MAX RADIUS:	0.858
MEAN RADIUS:	0.425
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.538	-0.398
2:	-0.482	-0.899
3:	-0.051	-0.857
4:	0.421	0.425
5:	-0.103	0.360
6:	-0.142	0.051
7:	-0.106	-0.143
8:	0.060	-0.074
9:	0.115	0.074
10:	-0.032	0.079

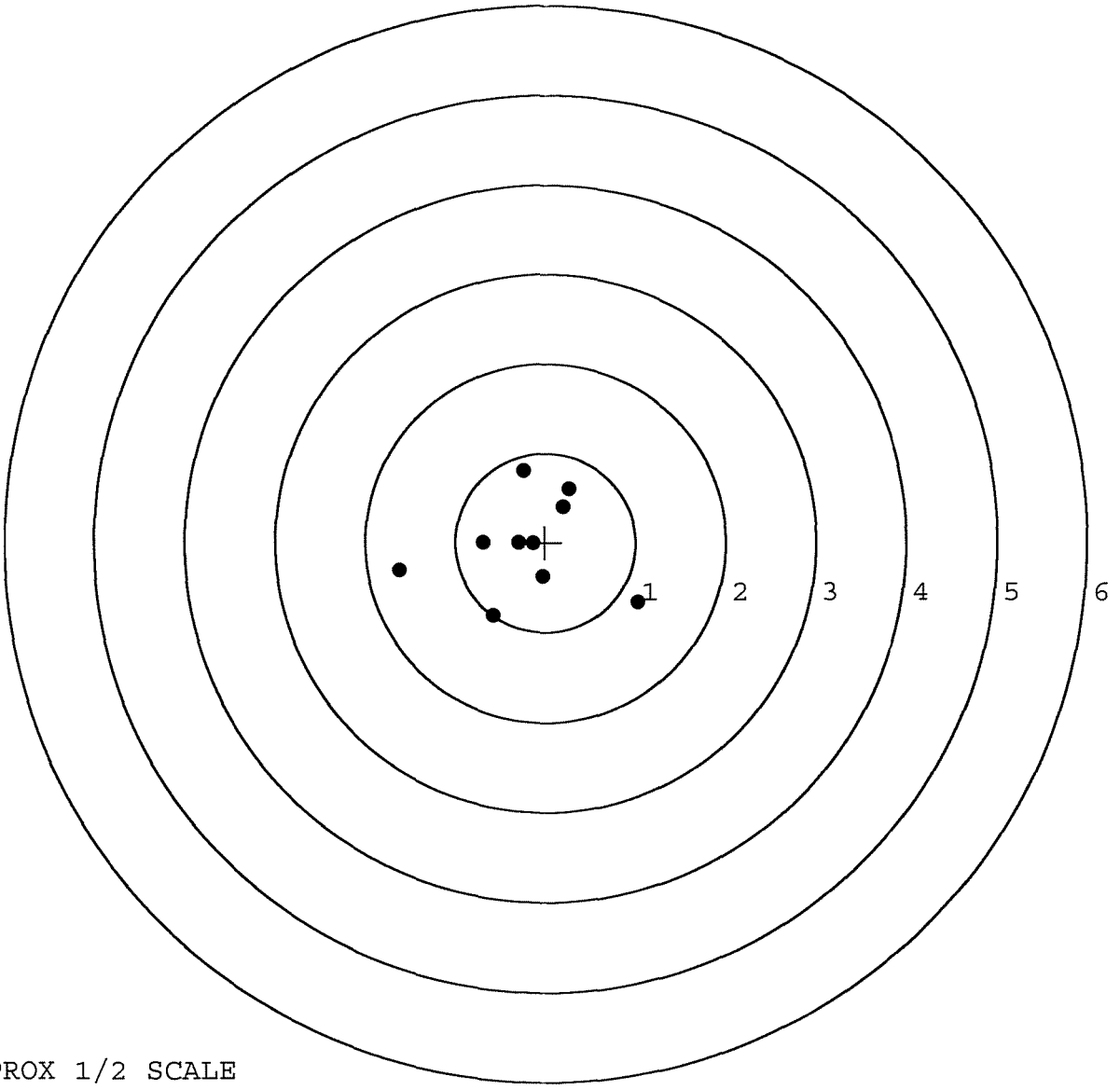


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594662.__0
TARGET NUMBER: 2
FILE DATE: 03/13/2002
FILE TIME: 03:07

X CENTROID:	-0.210
Y CENTROID:	-0.040
POA TO CENTROID:	0.214
HORZ SPREAD:	2.651
VERT SPREAD:	1.626
GROUP SPREAD:	2.674
MIN RADIUS:	0.079
MAX RADIUS:	1.438
MEAN RADIUS:	0.699
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.241	0.804
2:	-1.620	-0.321
3:	-0.690	-0.001
4:	0.265	0.600
5:	0.200	0.405
6:	1.031	-0.673
7:	-0.032	-0.383
8:	-0.579	-0.822
9:	-0.138	-0.007
10:	-0.298	-0.001

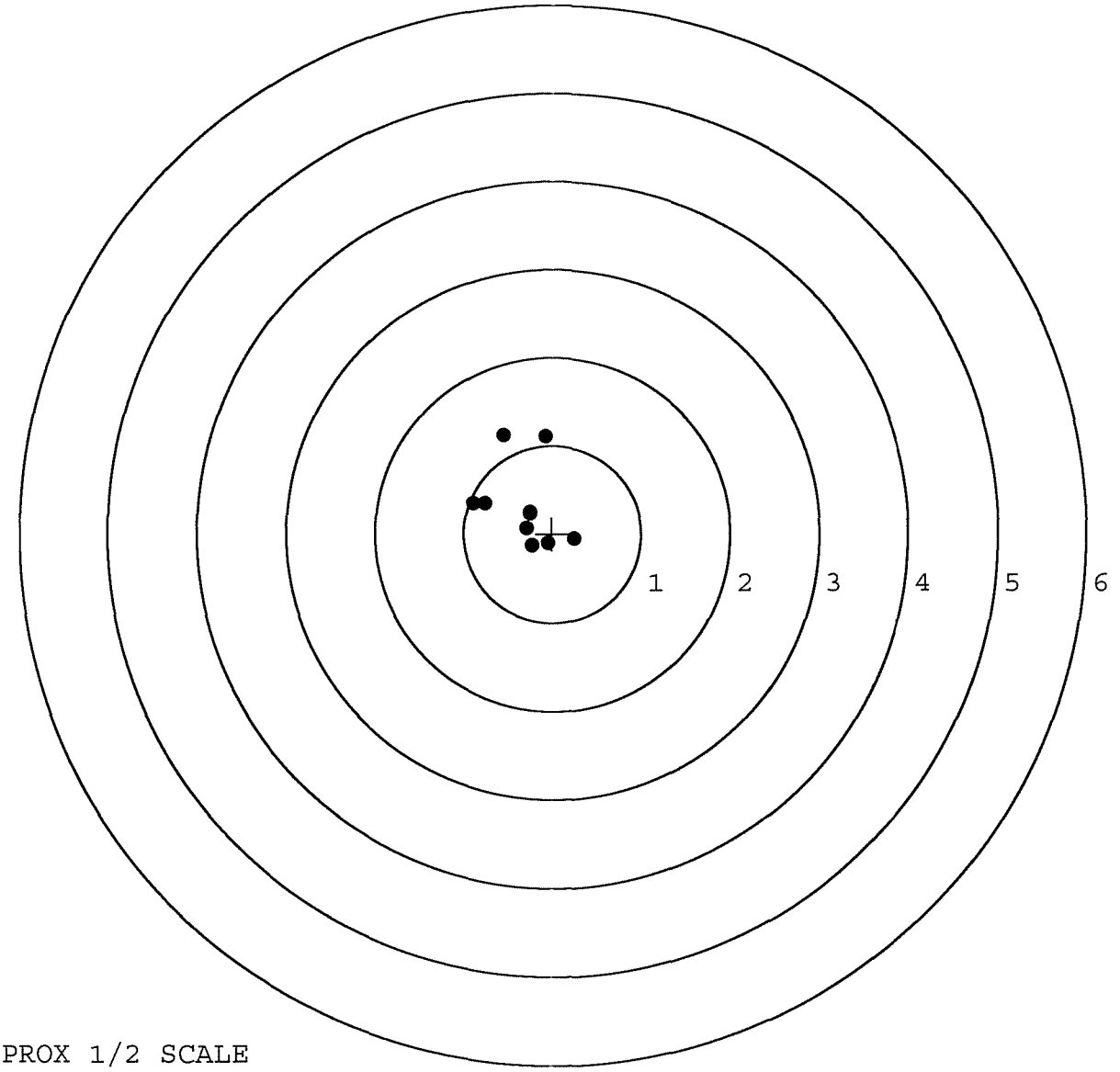


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594662.__0
TARGET NUMBER: 3
FILE DATE: 03/13/2002
FILE TIME: 03:07

X CENTROID:	-0.309
Y CENTROID:	0.314
POA TO CENTROID:	0.441
HORZ SPREAD:	1.146
VERT SPREAD:	1.255
GROUP SPREAD:	1.425
MIN RADIUS:	0.095
MAX RADIUS:	0.840
MEAN RADIUS:	0.478
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.075	1.103
2:	-0.547	1.119
3:	-0.895	0.346
4:	-0.761	0.342
5:	-0.252	0.232
6:	-0.229	-0.136
7:	0.251	-0.062
8:	-0.047	-0.108
9:	-0.290	0.060
10:	-0.249	0.240

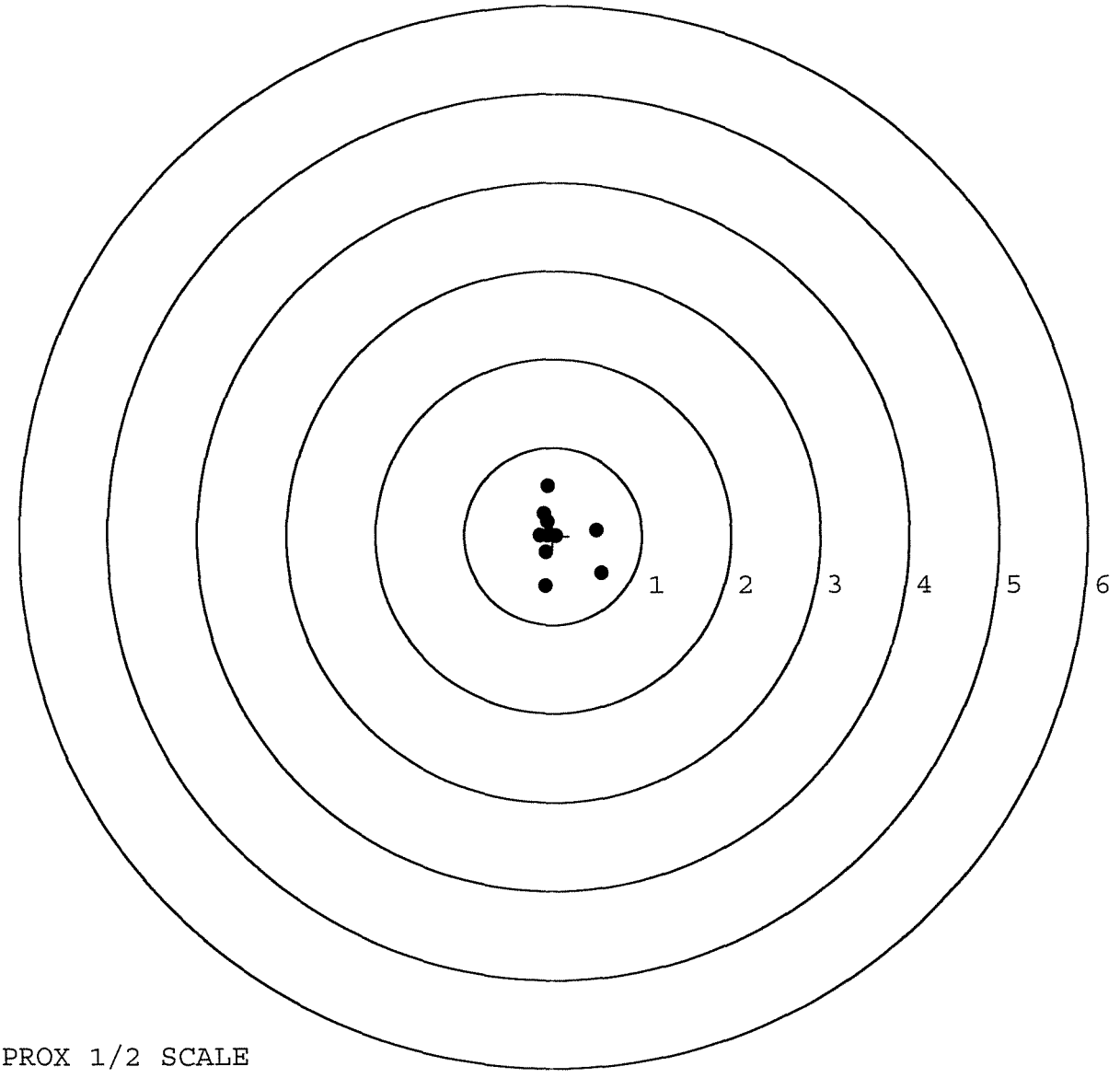


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594662.__0
TARGET NUMBER: 4
FILE DATE: 03/13/2002
FILE TIME: 03:07

X CENTROID:	0.045
Y CENTROID:	-0.009
POA TO CENTROID:	0.046
HORZ SPREAD:	0.691
VERT SPREAD:	1.136
GROUP SPREAD:	1.163
MIN RADIUS:	0.015
MAX RADIUS:	0.646
MEAN RADIUS:	0.330
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.487	0.060
2:	0.543	-0.421
3:	-0.085	-0.566
4:	-0.065	0.570
5:	-0.101	0.259
6:	-0.148	0.011
7:	0.036	0.002
8:	-0.084	-0.183
9:	-0.064	0.163
10:	-0.065	0.013

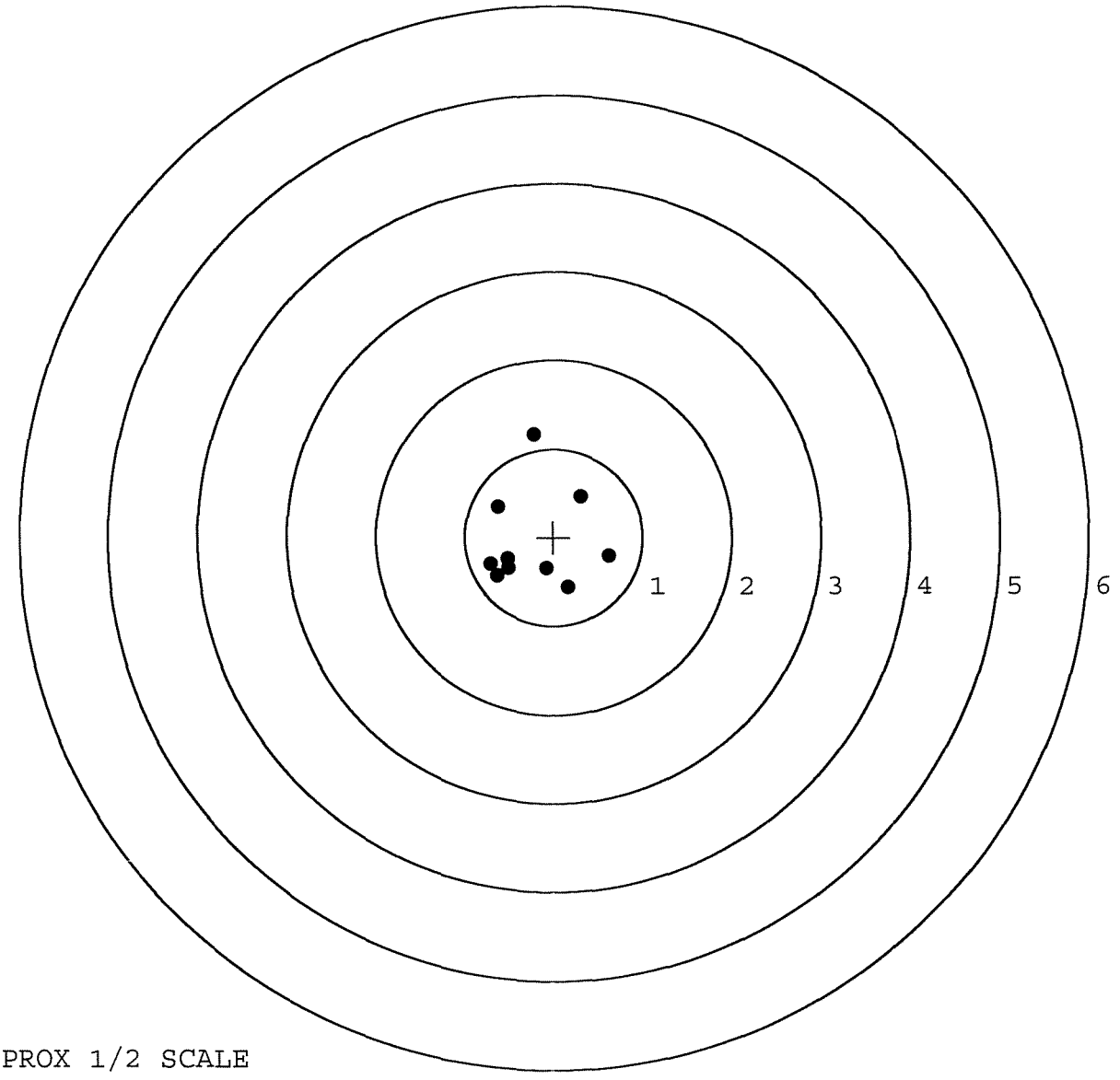


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594662.__0
TARGET NUMBER: 5
FILE DATE: 03/13/2002
FILE TIME: 03:07

X CENTROID:	-0.222
Y CENTROID:	-0.052
POA TO CENTROID:	0.228
HORZ SPREAD:	1.330
VERT SPREAD:	1.734
GROUP SPREAD:	1.778
MIN RADIUS:	0.332
MAX RADIUS:	1.217
MEAN RADIUS:	0.625
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.228	1.165
2:	-0.627	0.345
3:	0.301	0.464
4:	0.623	-0.207
5:	0.166	-0.569
6:	-0.085	-0.354
7:	-0.517	-0.250
8:	-0.707	-0.310
9:	-0.637	-0.446
10:	-0.510	-0.357



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 42300

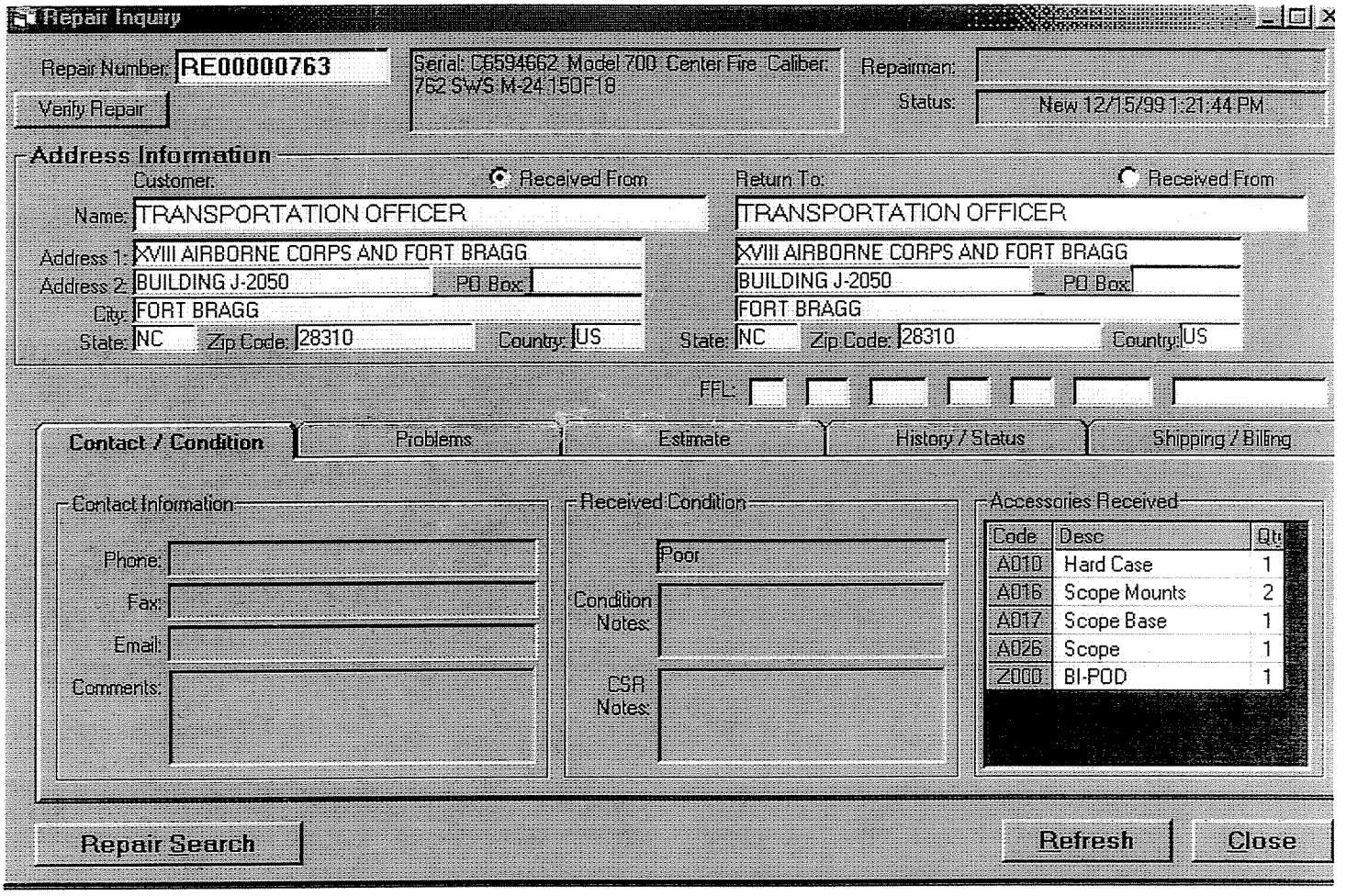
SERIAL NUMBER C659 4662

LOG-IN DATE 2/26/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3/1/02	
560 A	RE-BARREL AT CUSTOM SHOP	3/5/02	
B	DRILL AND TAP	3/5/02	
C	POLISH		
575	ASSEMBLE	3/6/02	
600	PROOF	3-6-02	
605	CHECK HEADSPACE	3-6-02	MAGNA-FLUX INSPECTED MAR 7 2002
610	DIS-ASSEMBLE GUN	3/6/02	
612	MAGNAFLUX		OPERATOR
615	ROLLMARK CALIBER	3/7/02	TCD
618	ROTO-BLAST	3/8	
620	APPLY COATINGS	3-8	
625 A	FINAL ASSEMBLY	3-12-02	
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-13-02	TRW
655	FINAL INSPECT	3-14-02	RL
660	PACK	3-14-02	
	QAR INSPECTION DATE	SHIP DATE	

C-6594662

Scope S/N 88-1220



BBL 96003

Remington

TRACKING DOCUMENT

Repair Order Number

Repair Order Numbe	**Description/Serial**	**Repairman -**
RE00000763	C6594662	**Date Received** 12/15/1999
Account # - R-	Model 700 Center Fire Caliber: 762 SWS M-24 15OF18	**Estimate Date**
		Current Date - 12/16/1999

Customer
TRANSPORTATION OFFICER
XVIII AIRBORNE CORPS AND FORT B
BUILDING J-2050
FORT BRAGG NC 28310 US

Return To
TRANSPORTATION OFFICER
XVIII AIRBORNE CORPS AND FORT
BUILDING J-2050
FORT BRAGG NC 28310 US

Phone (H)
Phone (W)
Fax
Email

Problems

Reported	Found

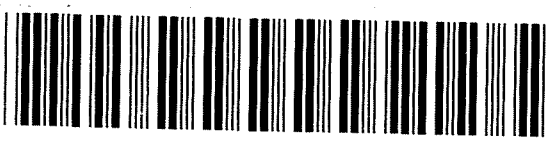
Repair

Material #	MaterialDesc	Quantity Needed	Quantity From	Quantity From	Warranty (Y/N)

Total:

Serial Number: C6594662

Model ID: 700



RE00000763

Repairman	Proof	Clean	Test	Target	Pattern
Gallery Tester	Date	Date	Date	Date	Date

Remington Test Lab, Ilion, N.Y.

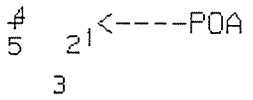
Centroidal distance calculations for Rifle # C6594662
5 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2354
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1472
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .277635

THE AMR FOR THIS RIFLE IS: 1.047

CENTROIDAL DISTANCES

0	TO	1	.495198
1	TO	2	.123693
1	TO	3	.363341
1	TO	4	.48006
1	TO	5	.486236



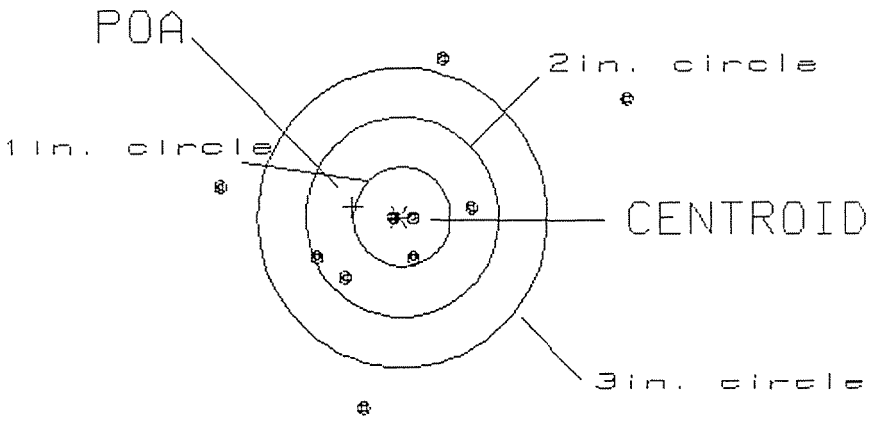
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 1 □

POA TO CENTROID:		.495
MIN RADIUS	:	.067
MEAN RADIUS	:	1.104
MAX RADIUS	:	2.601
CENTROID X	:	.486
CENTROID Y	:	-.095

5 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594662

CENTERFIRE PATTERN # 1



# OF SHOTS= 10	# IN CIRCLE
HS= 4.14	3
VS= 3.42	6
GS= 4.25	6

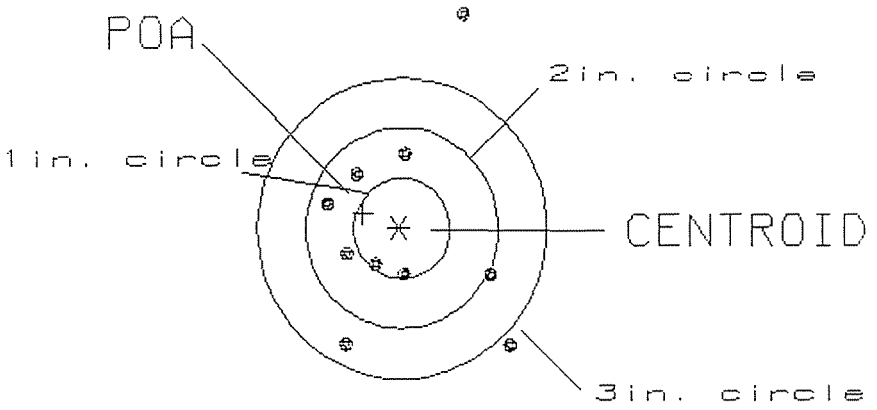
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2

POA TO CENTROID:	.399
MIN RADIUS :	.419
MEAN RADIUS :	.992
MAX RADIUS :	2.273
CENTROID X :	.372
CENTROID Y :	-.143

5 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594662

CENTERFIRE PATTERN # 2



# OF SHOTS= 10	# IN CIRCLE
HS= 1.89	1
VS= 3.30	7
GS= 3.50	8

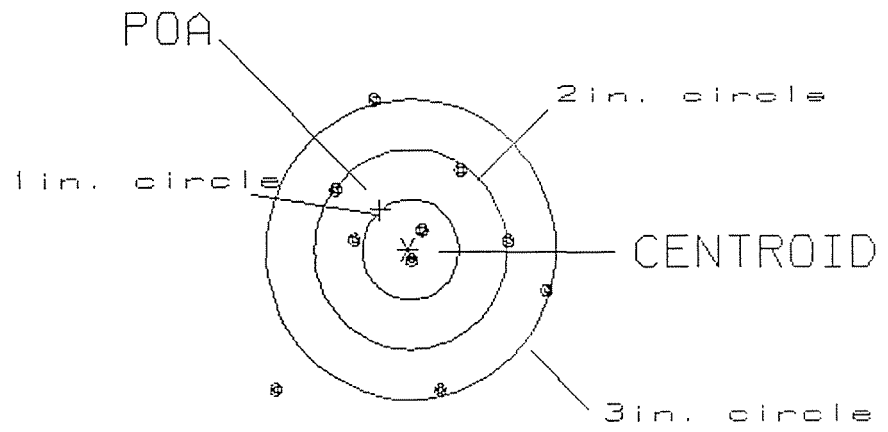
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 3 □

POA TO CENTROID:		.491
MIN RADIUS	:	.068
MEAN RADIUS	:	1.030
MAX RADIUS	:	1.949
CENTROID X	:	.287
CENTROID Y	:	-.399

5 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594662

CENTERFIRE PATTERN # 3



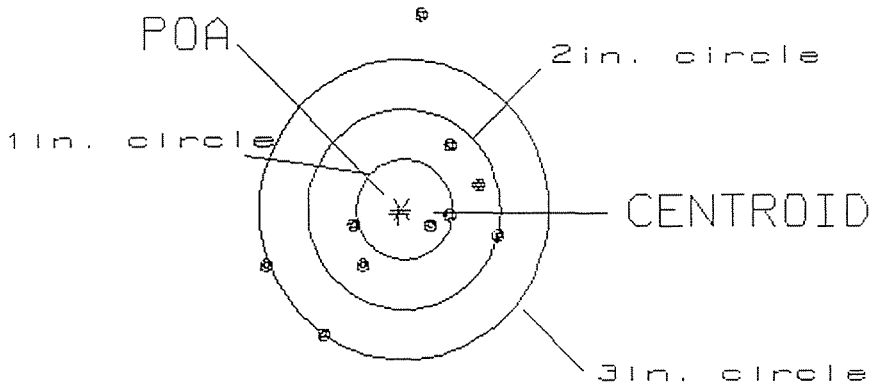
# OF SHOTS= 10	# IN CIRCLE
HS= 2.77	2
VS= 2.97	5
GS= 3.07	8

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:	4	
POA TO CENTROID:		.060
MIN RADIUS	:	.368
MEAN RADIUS	:	.966
MAX RADIUS	:	1.999
CENTROID X	:	.029
CENTROID Y	:	.052

5 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594662

CENTERFIRE PATTERN # 4



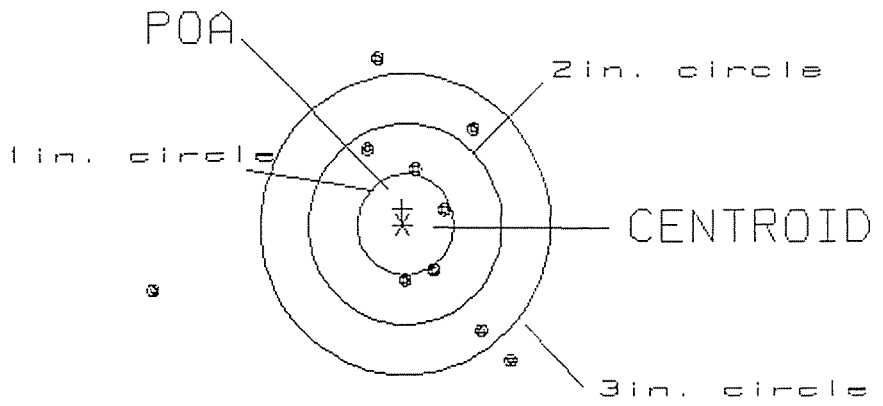
# OF SHOTS= 10	# IN CIRCLE
HS= 2.40	2
VS= 3.19	6
GS= 3.30	8

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:		5
POA TO CENTROID:		.151
MIN RADIUS	:	.375
MEAN RADIUS	:	1.145
MAX RADIUS	:	2.706
CENTROID X	:	.003
CENTROID Y	:	-.151

5 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594662

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 3.77	1
VS= 2.94	5
GS= 3.84	7

Final Inspection

S/N: C6594662	DATE REC'D: 12-12-99	DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.
- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Item:

Stock Assy.
- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Scope Assy.
- ✓ Scope
- ✓ Scope Rings
- ✓ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ✓ Finish
- ✓ Looseness
- ✓ Clarity

Systems Case
- ✓ Scope Case
- ___ Iron Sights
- ___ Deployment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Comments: _____

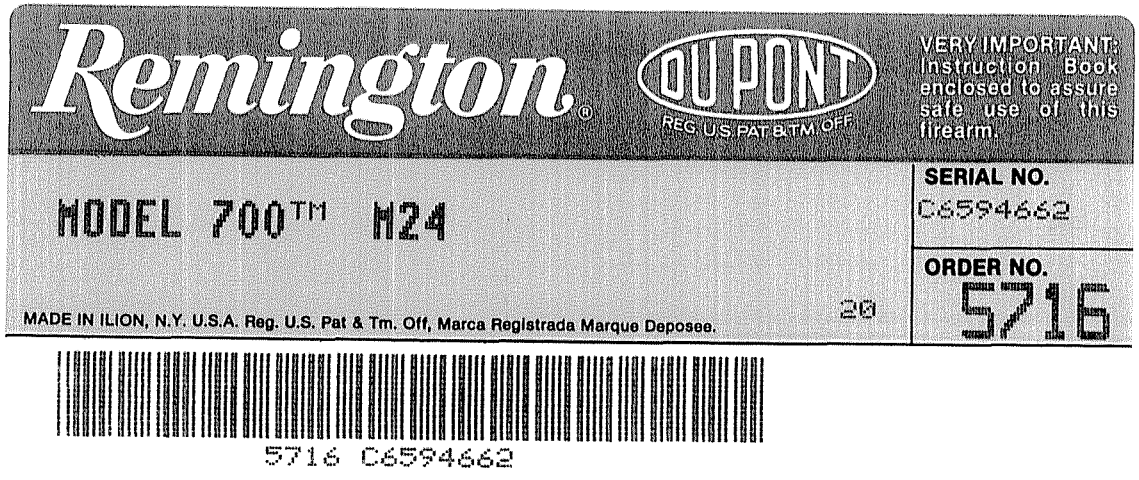
Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

21 DAY TURN - AROUND

M-24
CONTRACT # DAAA09-92-C-0834

R&E NO. SERIAL NO. C65.94662

	LOG IN DATE: / /	DATE	INIT.
	INSPECT & VERIFY:		
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	12-24-99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-12-00	RW
605	CHECK HEADSPACE	1-12-00	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-5-00	RW
655	FINAL INSPECT	4-10-00	RW
660	PACK		
	QAR INSPECTION	SHIP DATE	



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594662

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/15/91	KS
600	Proof		1/15/91	KS
607	Check-Headspace		1/15/91	KS
610	Dis-assemble Gun		1/15/91	KS
612	Magnaflux Barrel Action		1 18 91	KR
	Magnaflux Bolt		1 18 91	KR
615	Rollmark Caliber		1 18 91	[illegible]
617	Drill and Tap Sight Holes		1 24 91	[illegible]
618	Polish Barrel		1 24 91	[illegible]
620	Apply Coatings (Barrel Action)		2/15/91	[illegible]
	Apply Coating (Bolt)		2/15/91	[illegible]
625	Final Assembly A) Clean inside of Bolt Assembly		3/5/91	[illegible]
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/5/91	[illegible]
	C) Inspect Ejector Hole for Chamfer		3/5/91	[illegible]
	D) Oil Firing Pin Ass'y		3/5/91	[illegible]
	E) Adjust Trigger Pull to Min Setting and Stake		3/7/91	[illegible]

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	5 | 5 | 5	3/7/91	WL
	G) Safety Off Force	2 | 2 | 2	3/7/91	WL
	H) Trigger Pull Test & Retainability		3-7-91	DH
	I) Firing Pin Indent	.0215 | .0217 | .0215	3/7/91	WL
	J) Assemble Stock		3/7/91	KA
	K) Assemble Swivel Studs		3-11-91	DH
	L) Attach Front and Rear Sight Assemblies		3/7/91	KA
	M) Iron Sight Alignment		3/7/91	KA
	N) Detach Front & Rear Sights & place in numbered container		3/7/91	KA
	O) Attach Scope to Rifle		3/7/91	KA
	P) Detach & Attach Scope 20 Times		3/7/91	KA
640	Gallery Target & Test		3-8-91	DH
	A) Time		3-8-91	DH
	B) Malfunctions		3-8-91	DH
	C) Pierced Primers		3-8-91	DH
	D) Optical Clearity of Scope		3-8-91	DH
645	Inspect for Live Ammo		3-8-91	DH
655	Final Inspection A) Headspace		3-11-91	DH
	B) Trigger Pull	2.18 | 2.15 | 2.48 | 2.30 | 2.46	3/11/91	DH
	C) Function		3-11-91	DH
660	Pack		3-20-91	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594662

DATE 3-7-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.51	2.28	2.18	MIN. SETTING,
PULL #2	2.45	2.51	2.28	2.15	NO AVG. OF 5
PULL #3	2.46	2.22	2.38	2.48	READINGS ACCEPT-
~~PULL #4~~	~~2.43~~	2.26	2.30	2.50	ABLE LESS THAN 2#
PULL #5	2.49	2.27	~~2.31~~ 2.31	2.46	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.23		
PULL #2	3.29	3.28		
PULL #3	3.29	3.28		
PULL #4	3.26	3.21		
PULL #5	3.25	3.24		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.34		4.32
PULL #2	4.26	4.34		4.18
PULL #3	4.20	4.29		4.31
PULL #4	4.50	4.31		4.31
PULL #5	4.40	4.31		4.29
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594662
8 Mar 1991

CENTROIDAL DISTANCES

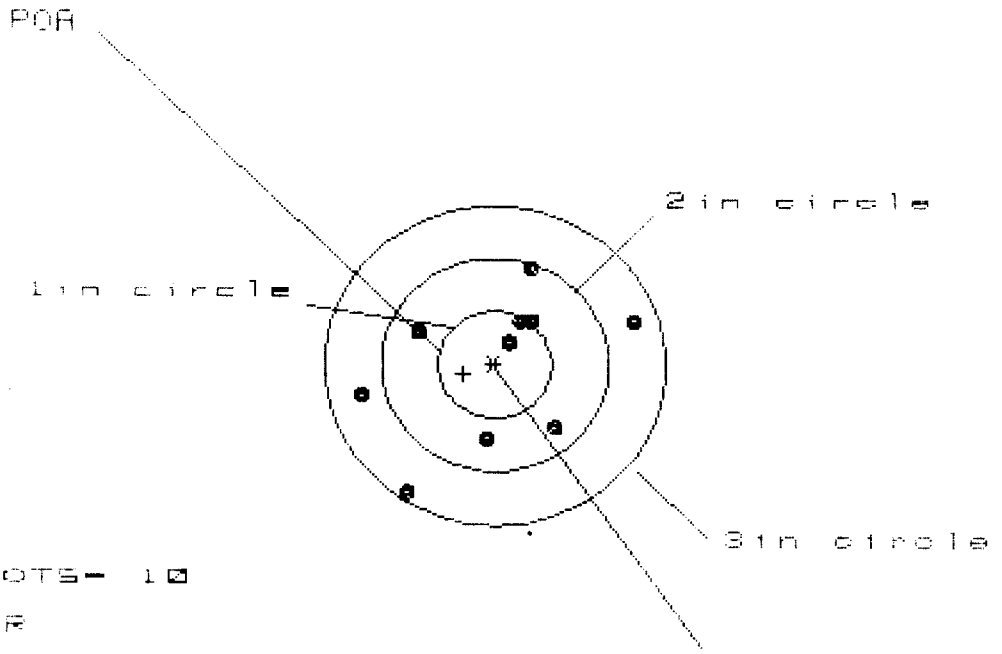
0	TO	1	.289043
1	TO	2	.31712
1	TO	3	.326057
1	TO	4	.151162
1	TO	5	.137117

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1818
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.036
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .18533

THE AMR FOR THIS RIFLE IS: .8728

8 Mar 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6594682

CENTERFIRE PATTERNS



OF SHOTS= 10

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

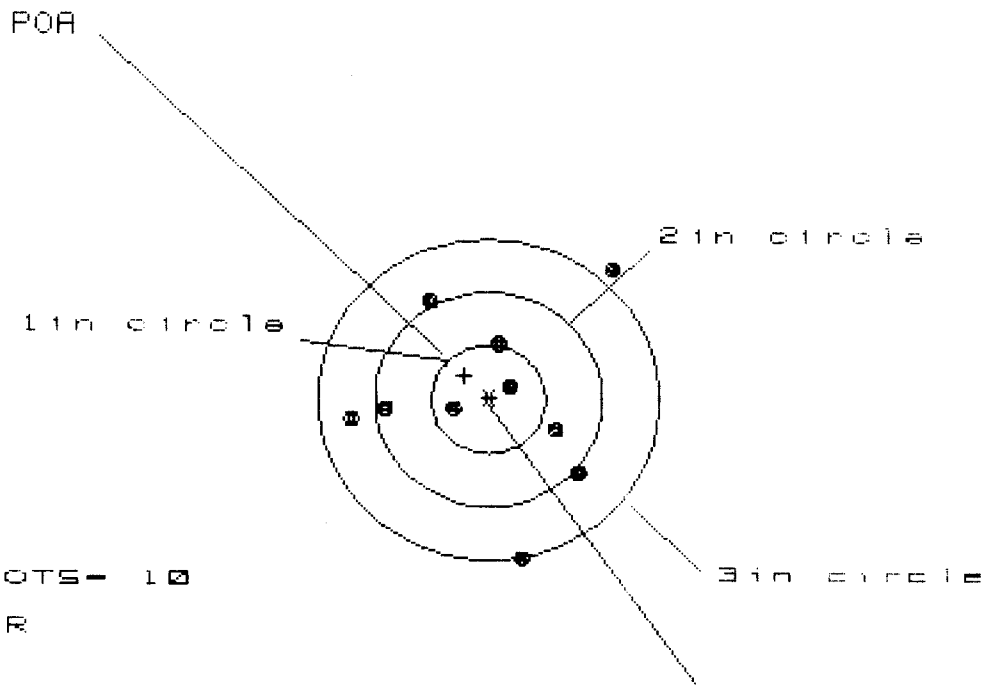
HS= 2.336
VS= 2.063
ES= 2.575

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.198	1.107	.566
MINIMUM X	:	-1.139	-1.229	-1.091
MAXIMUM Y	:	.862	.729	.762
MINIMUM Y	:	-1.201	-.773	-.740
CENTROID X	:	.275	.366	.226
CENTROID Y	:	.089	.222	.189
POA TO CENTROID in.	:	.290	.429	.296
MIN RADIUS	:	.219	.061	.178
MEAN RADIUS	:	.823	.709	.673
MAX RADIUS	:	1.453	1.285	1.143
HORIZONTAL SPREAD	:	2.336	2.336	1.657
VERTICAL SPREAD	:	2.063	1.502	1.502
EXTREME SPREAD	:	2.575	2.423	1.862

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 10

8 Mar 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6594662

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

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

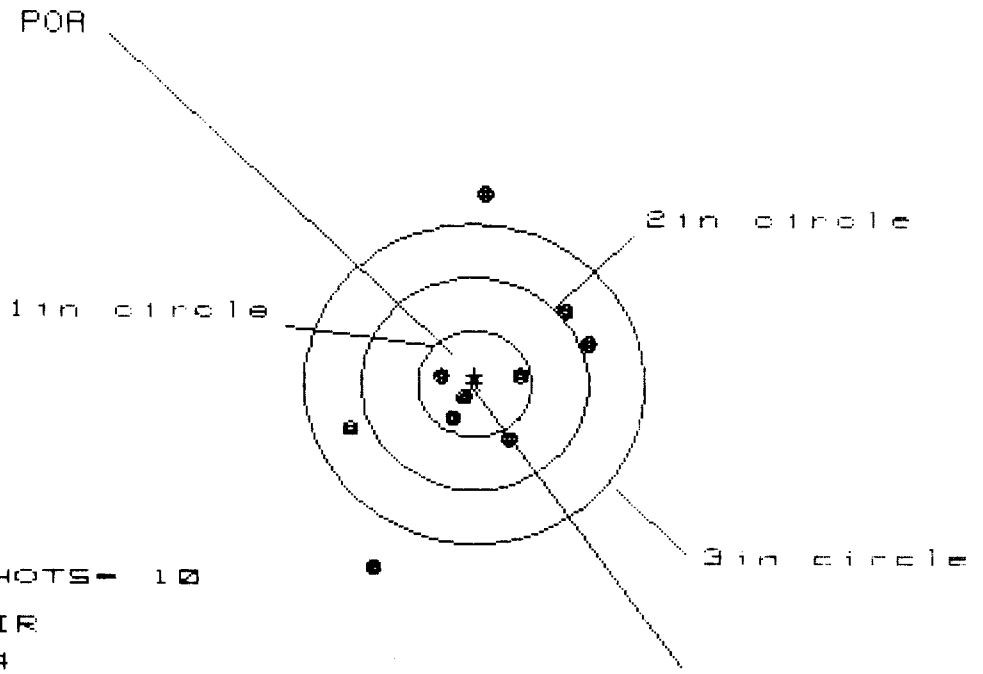
HS= 2.290
VS= 2.742
GS= 2.843

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.043	.923	.974
MINIMUM X	:	-1.247	-1.131	-1.080
MAXIMUM Y	:	1.216	1.024	.850
MINIMUM Y	:	-1.526	-1.391	-.716
CENTROID X	:	.213	.097	.046
CENTROID Y	:	-.222	-.357	-.183
POA TO CENTROID in.	:	.307	.370	.188
MIN RADIUS	:	.224	.208	.159
MEAN RADIUS	:	.918	.846	.738
MAX RADIUS	:	1.602	1.450	1.209
HORIZONTAL SPREAD	:	2.290	2.054	2.054
VERTICAL SPREAD	:	2.742	2.415	1.566
EXTREME SPREAD	:	2.843	2.540	2.119

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 8

8 Mar 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6594662

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

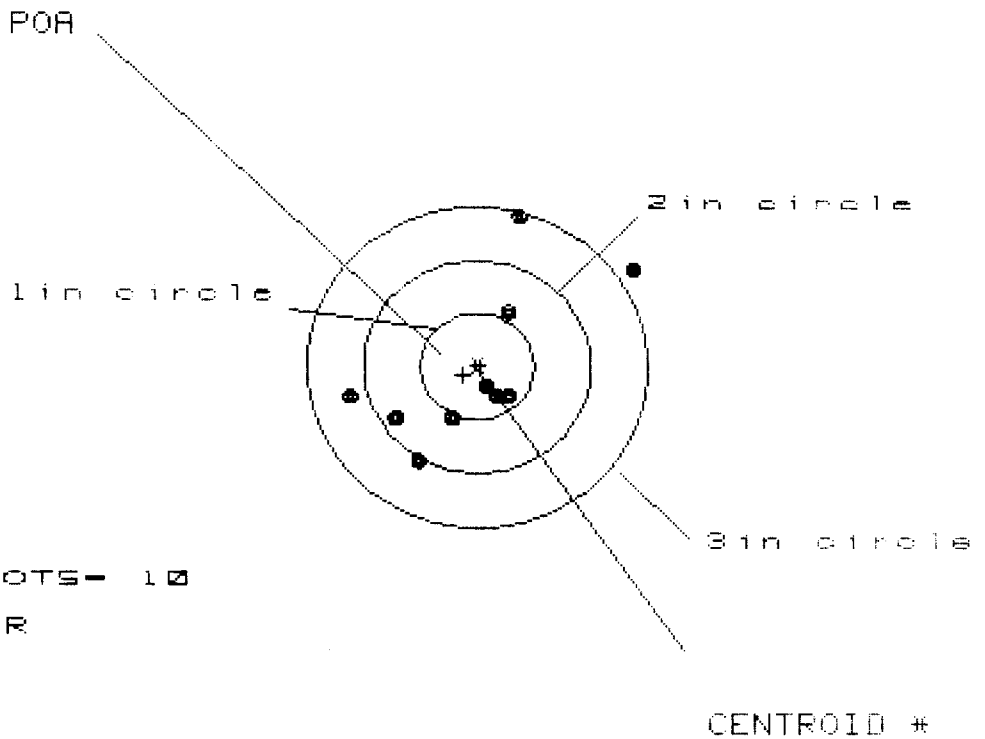
# IN CIR
1in = 4
2in = 5
3in = 8

HS= 2.015
VS= 3.449
GS= 3.575

PATTERN #	:	[redacted]	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.963	.865	.859
MINIMUM X	:	-1.052	-1.150	-1.156
MAXIMUM Y	:	1.734	1.543	.725
MINIMUM Y	:	-1.715	-.670	-.477
CENTROID X	:	-.002	.096	.102
CENTROID Y	:	-.083	.108	-.085
POA TO CENTROID in.	:	.083	.144	.132
MIN RADIUS	:	.175	.341	.262
MEAN RADIUS	:	.881	.782	.646
MAX RADIUS	:	1.931	1.544	1.238
HORIZONTAL SPREAD	:	2.015	2.015	2.015
VERTICAL SPREAD	:	3.449	2.213	1.202
EXTREME SPREAD	:	3.575	2.444	2.195
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Mar 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6594682

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

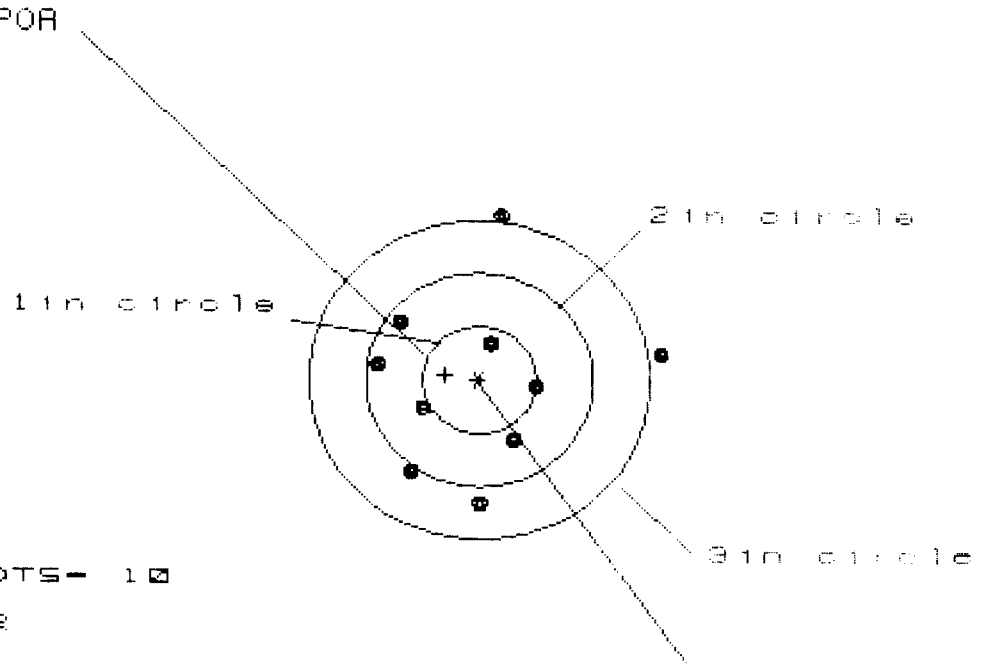
# IN CIR
1in = 3
2in = 6
3in = 9

HS= 2.425
VS= 2.313
GS= 2.701

PATTERN # :	4		
SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.330	.532	.533
MINIMUM X :	-1.095	-.947	-.881
MAXIMUM Y :	1.423	1.522	.854
MINIMUM Y :	-.890	-.791	-.601
CENTROID X :	.124	-.024	-.090
CENTROID Y :	.082	-.017	-.207
POA TO CENTROID in.:	.149	.029	.226
MIN RADIUS :	.229	.222	.220
MEAN RADIUS :	.820	.710	.558
MAX RADIUS :	1.603	1.612	1.007
HORIZONTAL SPREAD :	2.425	1.479	1.414
VERTICAL SPREAD :	2.313	2.313	1.455
EXTREME SPREAD :	2.701	2.478	1.673
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

8 Mar 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6534682

CENTERFIRE PATTERNS # 5



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 8

HS= 2.550
VS= 2.642
GS= 2.654

PATTERN # : 5

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.632	.641	.691
MINIMUM X :	-.918	-.737	-.687
MAXIMUM Y :	1.515	1.546	.784
MINIMUM Y :	-1.127	-1.096	-.903
CENTROID X :	.299	.118	.068
CENTROID Y :	-.046	-.077	-.270
POA TO CENTROID in.:	.303	.141	.279
MIN RADIUS :	.376	.375	.247
MEAN RADIUS :	.922	.823	.704
MAX RADIUS :	1.656	1.597	.925
HORIZONTAL SPREAD :	2.550	1.378	1.378
VERTICAL SPREAD :	2.642	2.642	1.687
EXTREME SPREAD :	2.654	2.654	1.802

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 8