G646 1547
Rephcno
E 611 3468

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: RE00126865 | Serial: G6461547 Model M24 SWS Center Fire | Repairman: | Status: Closed 3/19/2007 11:44:22 AM

Verify Repair

Address Information

Customer: (Received From)	Return To: (Received From)
Name: TRANSPORTATION DIVISION DFEL	TRANSPORTATION DIVISION DFEL
Address 1: 6759 MITCHELL AVENUE	6759 MITCHELL AVENUE
Address 2: BLDG 1836 PO Box:	BLDG 1836 PO Box:
City: FORT BENNING	FORT BENNING
State: GA Zip Code: 31905 Country: US	State: GA Zip Code: 31905 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
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	2

Repair Search | Refresh | Close

naglelj | 3/19/2007 | 1:46 PM | CAPS | NUM | INS | SCRL

start | 4 Micros... | Part Searc... | RAC0179-... | 5 Interne... | Arms Servi... | 1:46 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461547.__0
FILE DATE AND TIME: 04/13/2007 23:16

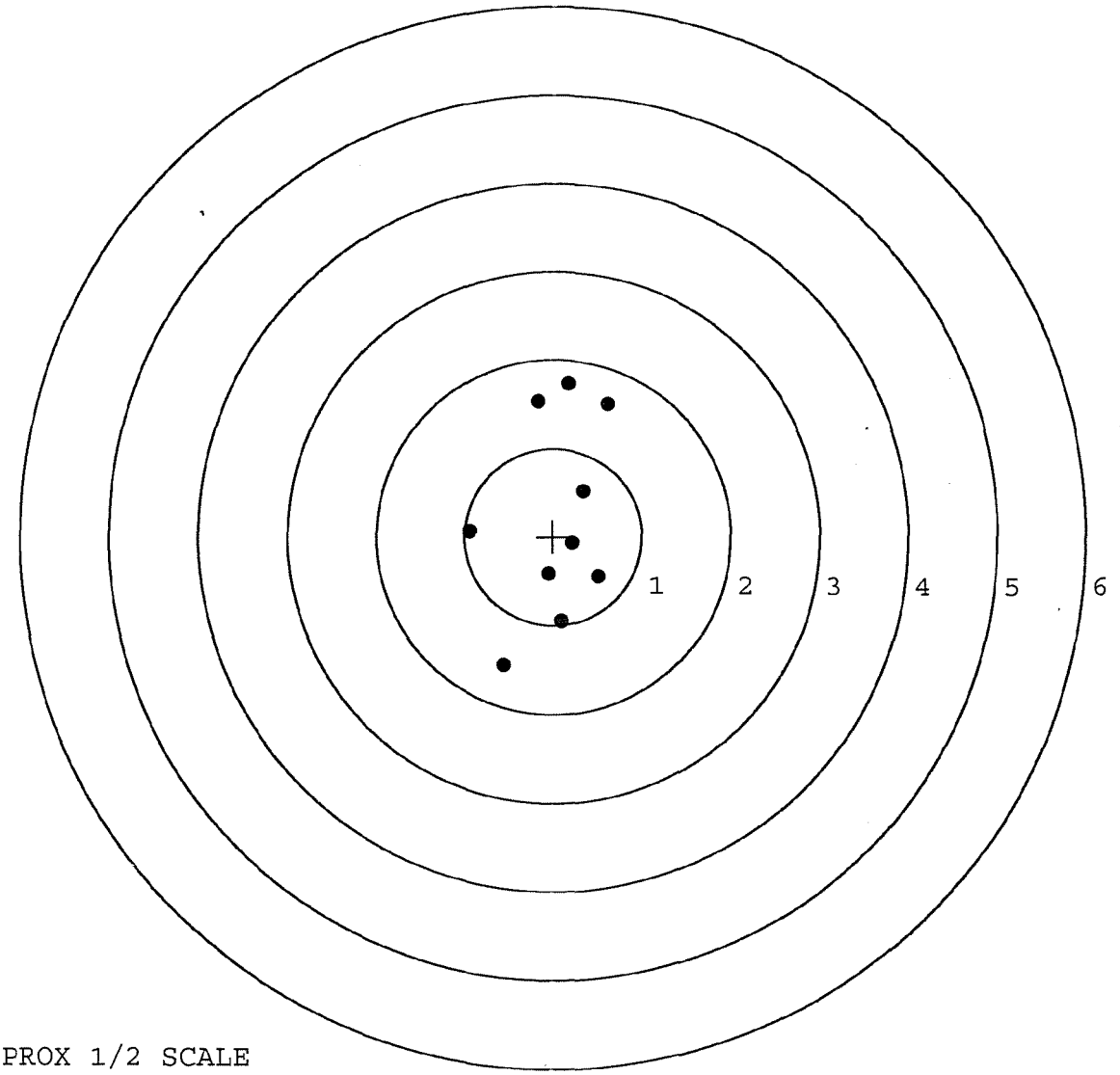
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.097
The Average Y Centroid of the Five Target Set:	0.111
The Average Point of Impact of the Five Target Set:	0.147
The Average Mean Radius of the Five Target Set:	1.043
The Distance from POA to Centroid Target #1:	0.194
The Distance from Centroid Target #2 to Centroid Target #1:	0.286
The Distance from Centroid Target #3 to Centroid Target #1:	0.109
The Distance from Centroid Target #4 to Centroid Target #1:	0.534
The Distance from Centroid Target #5 to Centroid Target #1:	0.191

SERIAL NUMBER: G6461547.__0
TARGET NUMBER: 1
FILE DATE: 04/13/2007
FILE TIME: 23:16

X CENTROID:	0.022
Y CENTROID:	0.193
POA TO CENTROID:	0.194
HORZ SPREAD:	1.556
VERT SPREAD:	3.182
GROUP SPREAD:	3.263
MIN RADIUS:	0.335
MAX RADIUS:	1.749
MEAN RADIUS:	1.041
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.335	0.515
2:	0.216	-0.080
3:	0.512	-0.455
4:	-0.050	-0.431
5:	0.099	-0.963
6:	-0.555	-1.458
7:	-0.943	0.065
8:	-0.178	1.520
9:	0.167	1.724
10:	0.613	1.494

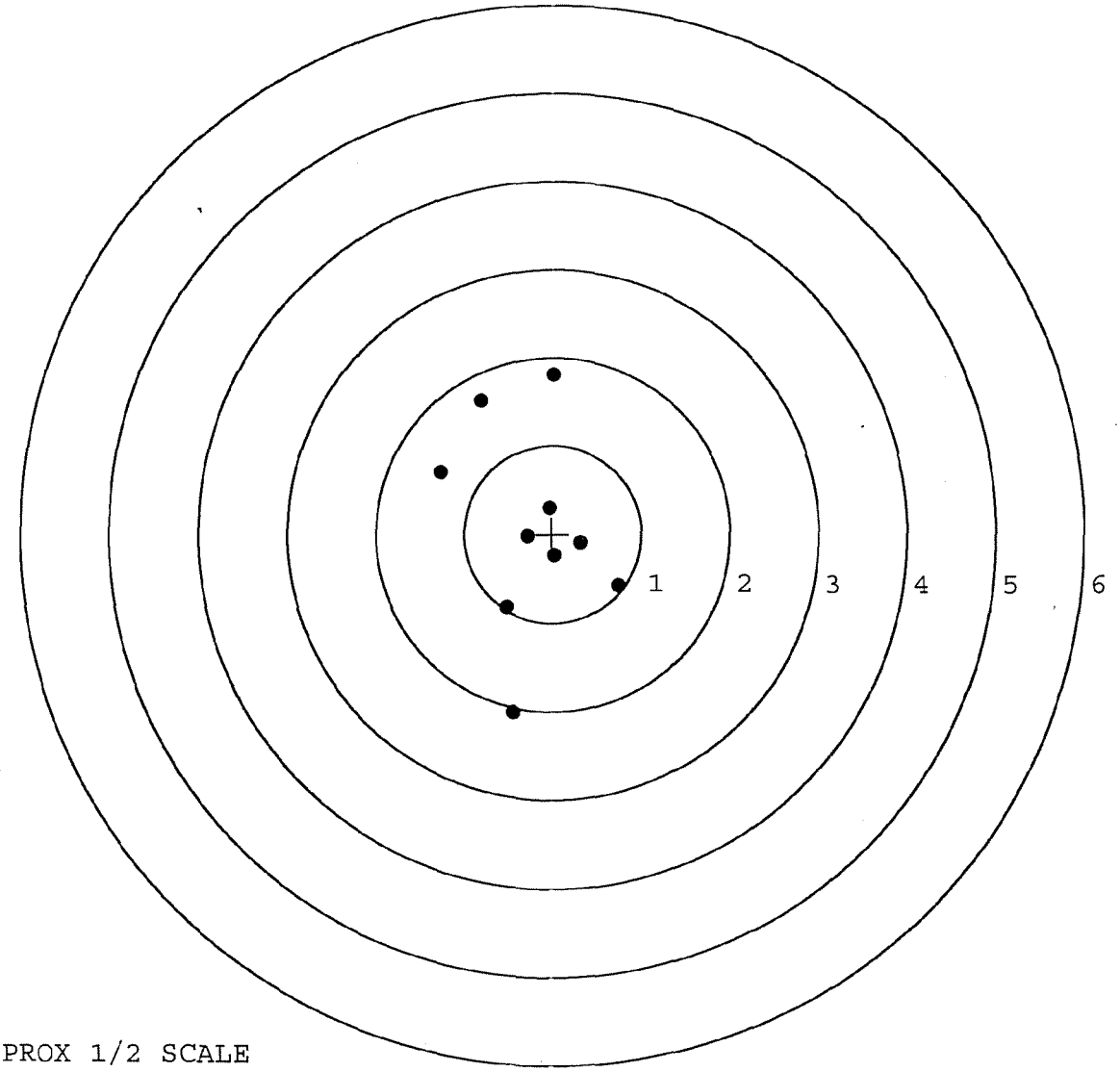


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461547.__0
TARGET NUMBER: 2
FILE DATE: 04/13/2007
FILE TIME: 23:16

X CENTROID:	-0.225
Y CENTROID:	0.049
POA TO CENTROID:	0.230
HORZ SPREAD:	2.002
VERT SPREAD:	3.816
GROUP SPREAD:	3.844
MIN RADIUS:	0.100
MAX RADIUS:	2.076
MEAN RADIUS:	1.007
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	-0.284	-0.031
2:	-0.040	0.293
3:	0.319	-0.102
4:	0.025	-0.241
5:	0.740	-0.586
6:	-0.516	-0.830
7:	-0.442	-2.015
8:	-1.262	0.700
9:	-0.810	1.503
10:	0.019	1.801

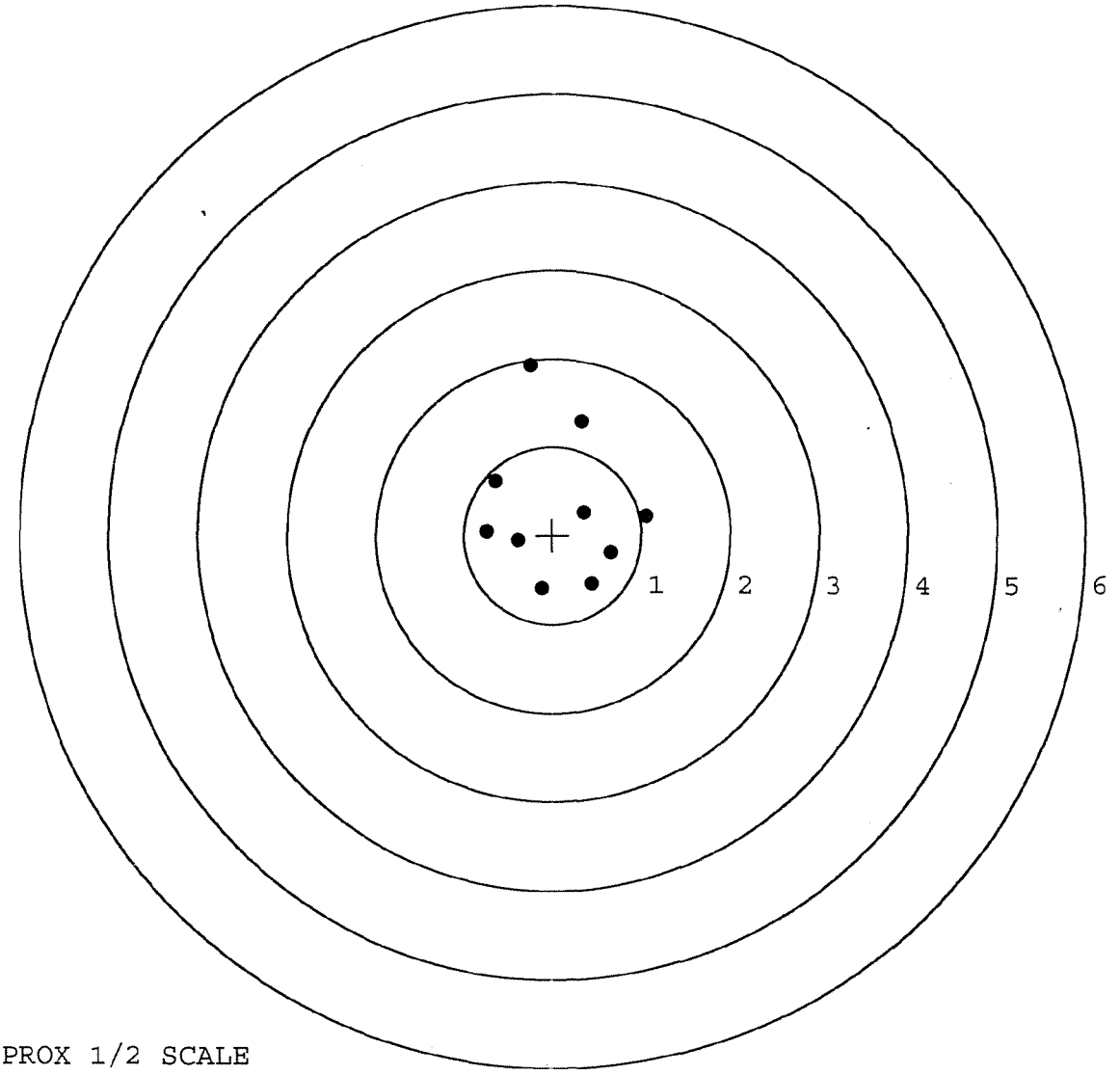


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461547.__0
TARGET NUMBER: 3
FILE DATE: 04/13/2007
FILE TIME: 23:16

X CENTROID:	0.065
Y CENTROID:	0.293
POA TO CENTROID:	0.300
HORZ SPREAD:	1.800
VERT SPREAD:	2.521
GROUP SPREAD:	2.559
MIN RADIUS:	0.289
MAX RADIUS:	1.659
MEAN RADIUS:	0.878
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.653	0.607
2:	-0.750	0.040
3:	-0.392	-0.062
4:	-0.124	-0.601
5:	0.446	-0.541
6:	0.655	-0.198
7:	1.050	0.214
8:	0.351	0.255
9:	0.321	1.292
10:	-0.255	1.920

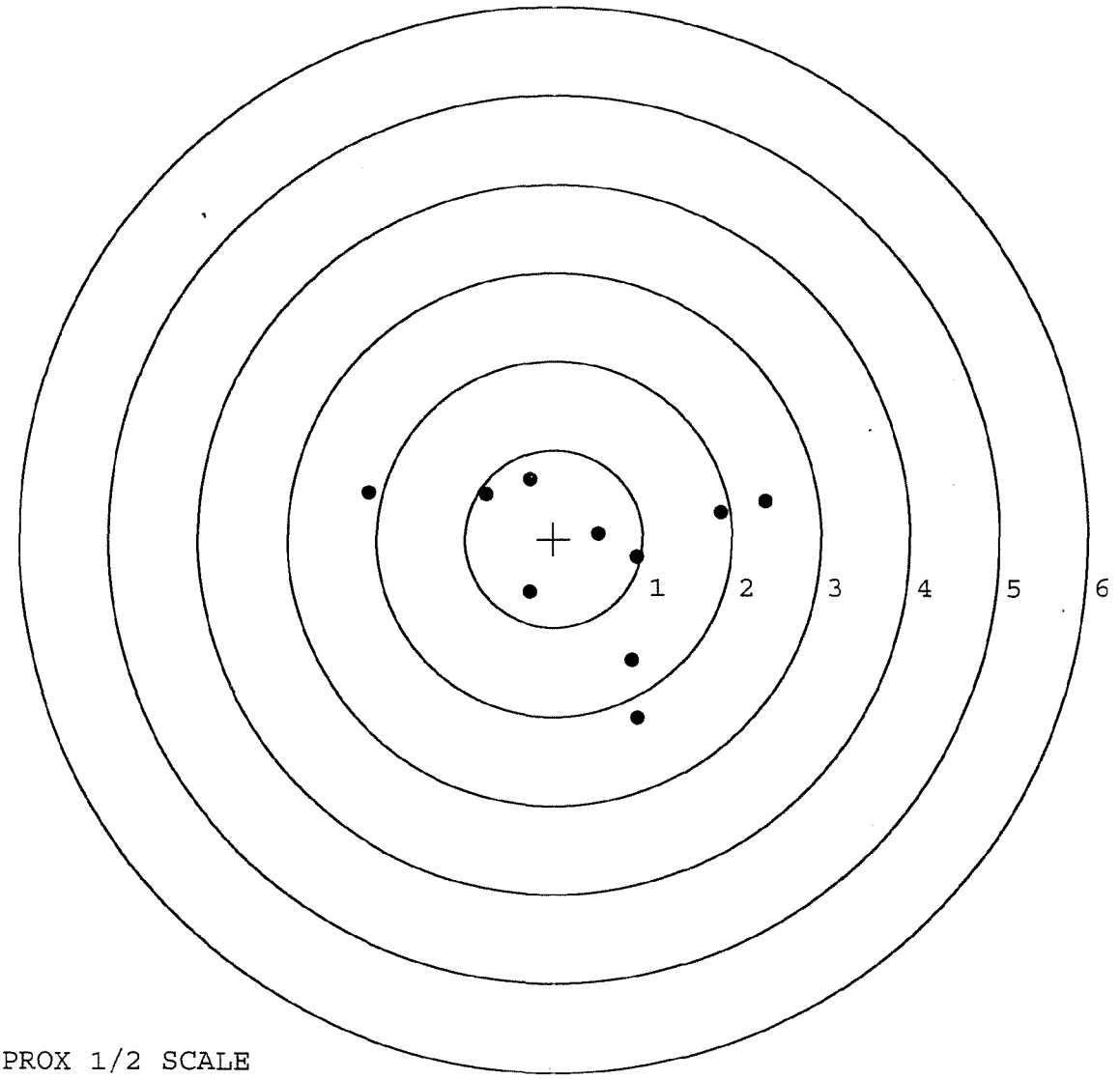


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461547.__0
TARGET NUMBER: 4
FILE DATE: 04/13/2007
FILE TIME: 23:16

X CENTROID:	0.410
Y CENTROID:	-0.174
POA TO CENTROID:	0.445
HORZ SPREAD:	4.462
VERT SPREAD:	2.701
GROUP SPREAD:	4.463
MIN RADIUS:	0.249
MAX RADIUS:	2.597
MEAN RADIUS:	1.342
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	6

POINT#	X	Y
1:	-0.764	0.495
2:	-0.269	0.676
3:	-0.272	-0.602
4:	0.500	0.058
5:	0.938	-0.209
6:	1.868	0.299
7:	2.371	0.421
8:	-2.091	0.525
9:	0.878	-1.375
10:	0.942	-2.025

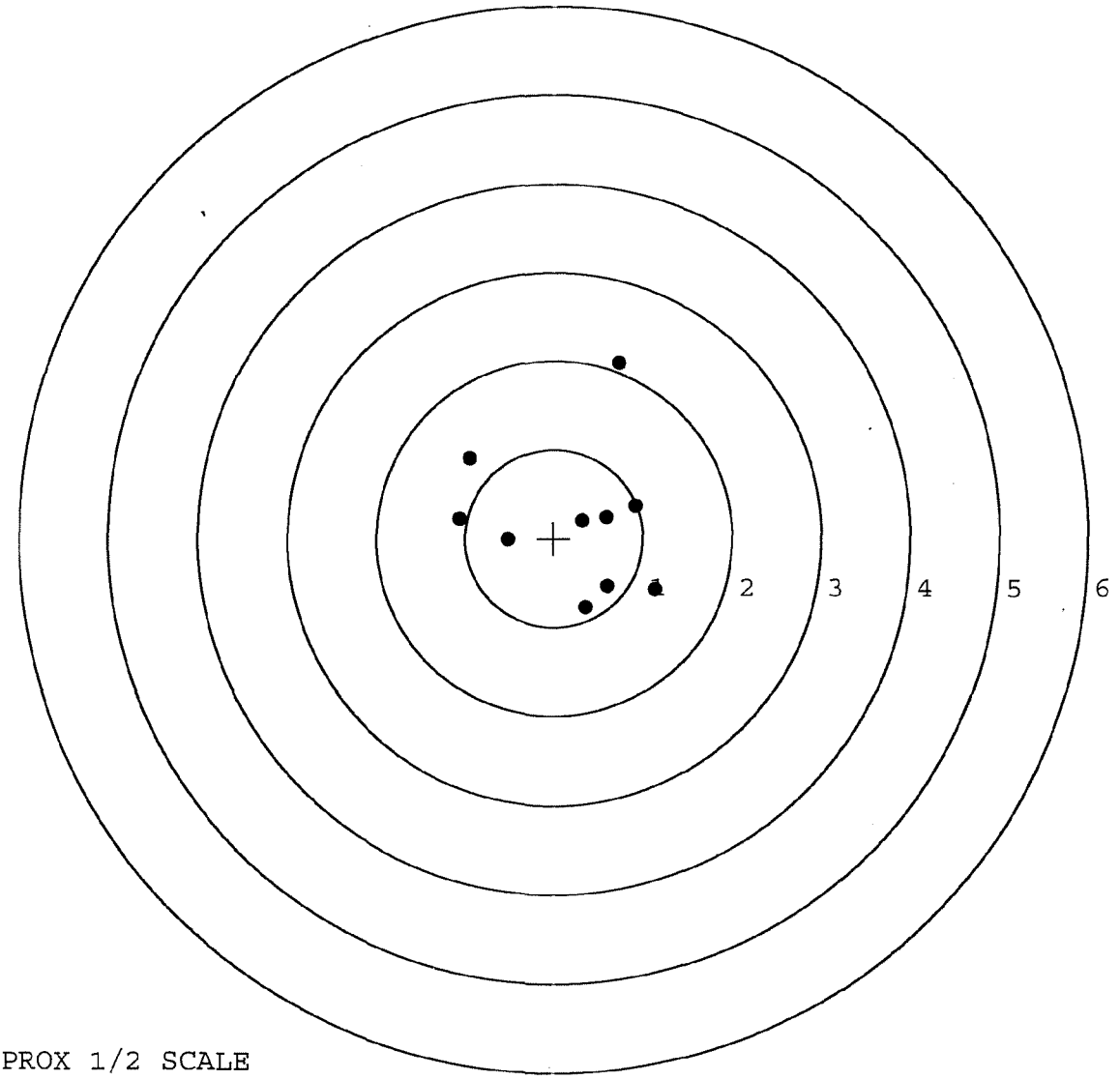


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461547.__0
TARGET NUMBER: 5
FILE DATE: 04/13/2007
FILE TIME: 23:16

X CENTROID:	0.212
Y CENTROID:	0.195
POA TO CENTROID:	0.289
HORZ SPREAD:	2.201
VERT SPREAD:	2.753
GROUP SPREAD:	2.778
MIN RADIUS:	0.104
MAX RADIUS:	1.849
MEAN RADIUS:	0.948
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.953	0.897
2:	-1.063	0.215
3:	-0.514	-0.022
4:	0.316	0.195
5:	0.589	0.235
6:	0.915	0.366
7:	1.138	-0.580
8:	0.604	-0.540
9:	0.360	-0.782
10:	0.730	1.971



TARGET APPROX 1/2 SCALE

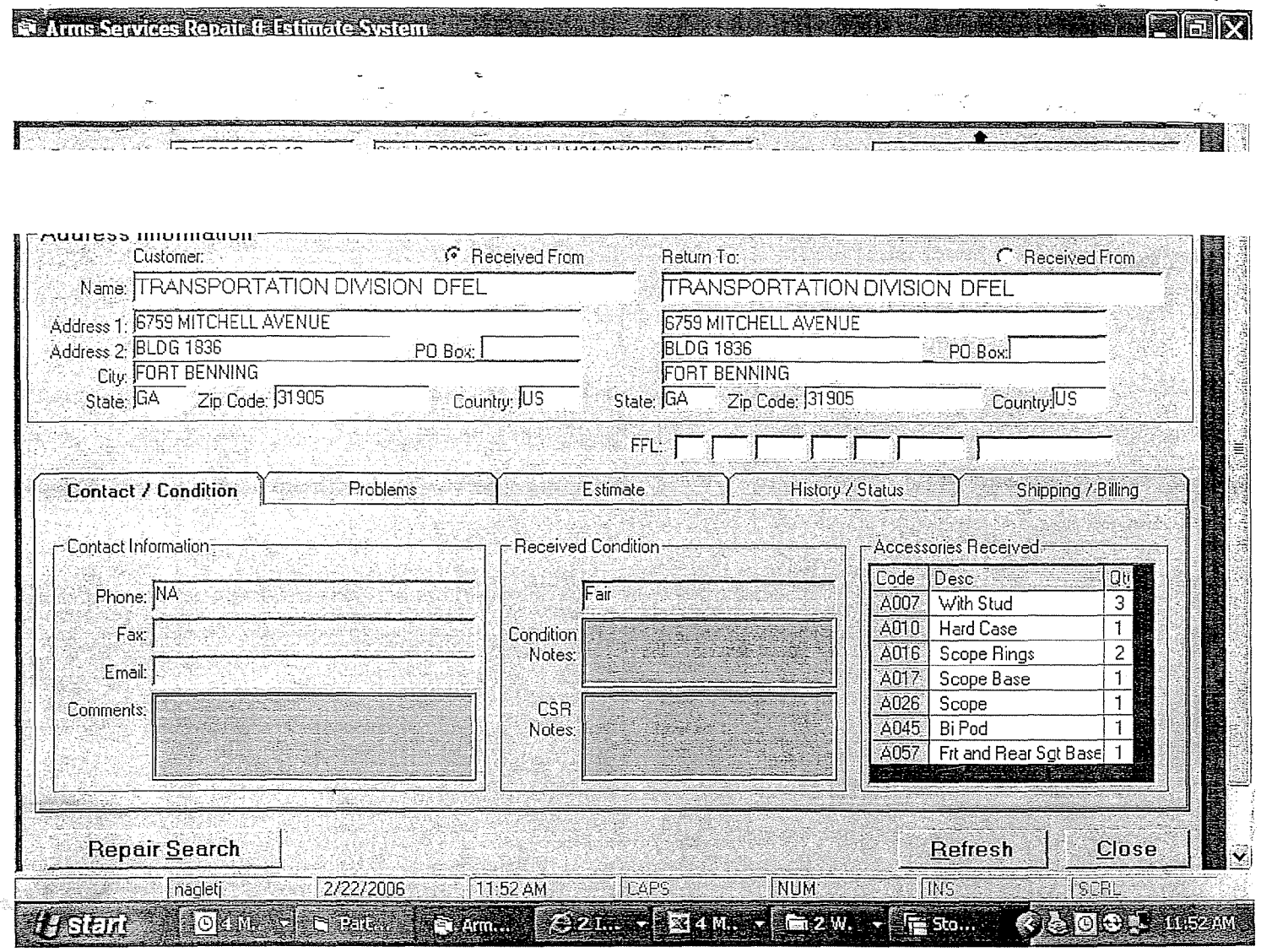
M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 126865

SERIAL NUMBER C6460547

LOG-IN DATE 3-19-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-2-07	RTZ
505	RE-BARREL		4-3-07	RTZ
560	ASSEMBLE		4-3-07	TRW
600	PROOF		4-3-07	TRW
605	CHECK HEADSPACE	INSPECTED	4-3-07	TRW
610	DIS-ASSEMBLE GUN	APR 05 2007	4-4-07	RTZ
612	MAGNAFLUX	OPERATOR	4-3-07	APD
510	DRILL AND TAP		4-4-07	TRW
615	ROLLMARK CALIBER		4-5-07	CW
618	ROTO-BLAST		4-5-07	LB
620	APPLY COATINGS		4/9/07	RB
625	FINAL ASSEMBLY		4-13-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	4/13/07	mon
650	TARGET	(PASS) FAIL	4/13/07	mon
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		4/18/07	mon
	A) HEADSPACE	(PASS) FAIL	4/18/07	mon
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.39 2.24 2.14 2.16 2.28	4/17/07	mon
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	8.75 8.75 8.0	4/18/07	mon
	G) SAFETY OFF FORCE (2 LBS MIN)	4.0 4.5 4.0	4/18/07	mon
	I) FIRING PIN INDENT .020	.022 .021 .021	4/18/07	mon
690	PACK		4/20/07	DA



G6461547 (New)

Serial Number: E6413468

Model: M24 SWS

RE00108942

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
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 2-24-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.57	2.32		2.53	
PULL #2	2.57	2.33		2.52	
PULL #3	2.67	2.57		2.51	
PULL #4	2.42	2.48		2.47	
PULL #5	254	2.40		2.52	
TOTAL	12.77	12.10		12.55	
AVERAGE	2.55	2.42		2.51	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	308	3.02		
PULL #2	305	304		
PULL #3	293	306		
PULL #4	318	305		
PULL #5	310	305		
TOTAL	15.34	15.22		
AVERAGE	3.06	3.04		

	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	423	4.18		4.18
PULL #2	4.19	411		4.08
PULL #3	4.11	4.04		4.04
PULL #4	387	4.13		3.96
PULL #5	4.22	4.10		4.07
TOTAL	2062	20.56		20.33
AVERAGE	4.12	4.11		4.06

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

R & E NUMBER	108942			
SERIAL NUMBER	~~E6413468~~	G6461547 (New)		
LOG-IN DATE	2-22-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
600	DIS-ASSEMBLE GUN		2-24-06	RTL
605	RE-BARREL		2-22-06	RTL
660	ASSEMBLE		3-3-06	RTL
800	PROOF	MAGNA-FLUX INSPECTED MAR 06 2006	3-3-06	RTL
805	CHECK HEADSPACE		3-6-06	RTL
810	DIS-ASSEMBLE GUN		3-6-06	RTL
812	MAGNAFLUX	OPERATOR	3/6/06	
510	DRILL AND TAP		3-6-06	TRW
815	ROLLMARK CALIBER		3-6-06	CW
516	ROTO-BLAST		3-7-06	LB
520	APPLY COATINGS		3/13	
525	FINAL ASSEMBLY		3-14-06	RTL
640	FUNCTION TEST AND	(PASS) FAIL	3-14-06	MJM
650	TARGET	(PASS) FAIL	3-14-06	MJM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	NA	
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		3-16-06	TRW
	A) HEADSPACE	(PASS) FAIL	3-16-06	TRW
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.41 2.13 2.04 2.12 2.10	3-15-06	TRW
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS)	7.0 7.0 7.0	3-15-06	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	2.5 2.5 2.5	3-15-06	DA
	I) FIRING PIN INDENT (.020)	.021 .021 .021	3-15-06	DA
690	PACK		3-16-06	DA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461547.__0
FILE DATE AND TIME: 03/14/2006 16:15

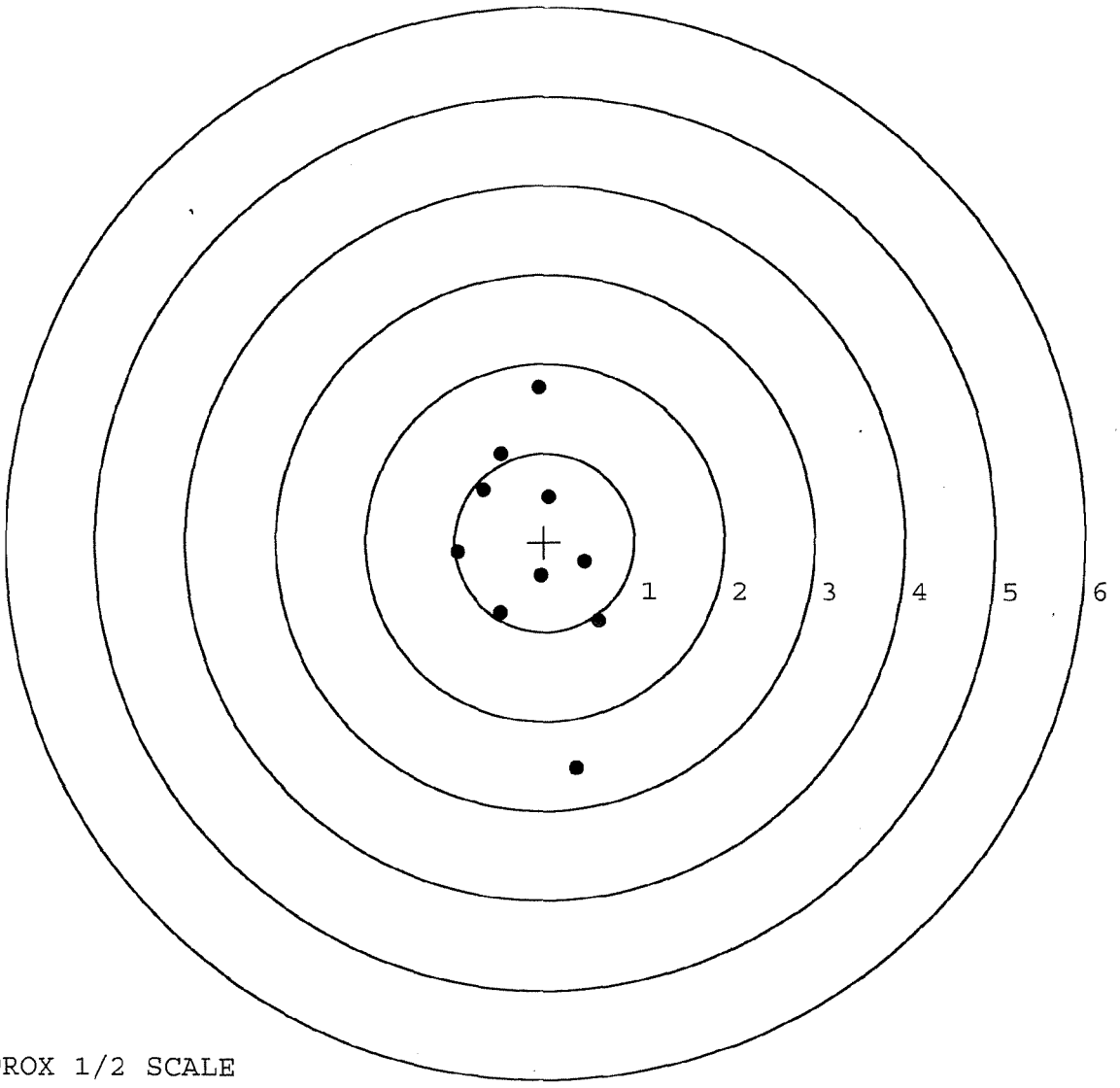
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.036
The Average Y Centroid of the Five Target Set:	0.000
The Average Point of Impact of the Five Target Set:	0.036
The Average Mean Radius of the Five Target Set:	0.780
The Distance from POA to Centroid Target #1:	0.167
The Distance from Centroid Target #2 to Centroid Target #1:	0.278
The Distance from Centroid Target #3 to Centroid Target #1:	0.215
The Distance from Centroid Target #4 to Centroid Target #1:	0.182
The Distance from Centroid Target #5 to Centroid Target #1:	0.362

SERIAL NUMBER: G6461547.__0
TARGET NUMBER: 1
FILE DATE: 03/14/2006
FILE TIME: 16:15

X CENTROID:	-0.125
Y CENTROID:	-0.112
POA TO CENTROID:	0.167
HORZ SPREAD:	1.573
VERT SPREAD:	4.258
GROUP SPREAD:	4.281
MIN RADIUS:	0.276
MAX RADIUS:	2.468
MEAN RADIUS:	1.055
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.053	0.508
2:	-0.684	0.591
3:	-0.964	-0.125
4:	-0.482	-0.799
5:	-0.039	-0.374
6:	0.452	-0.222
7:	0.609	-0.883
8:	0.369	-2.530
9:	-0.074	1.728
10:	-0.487	0.989

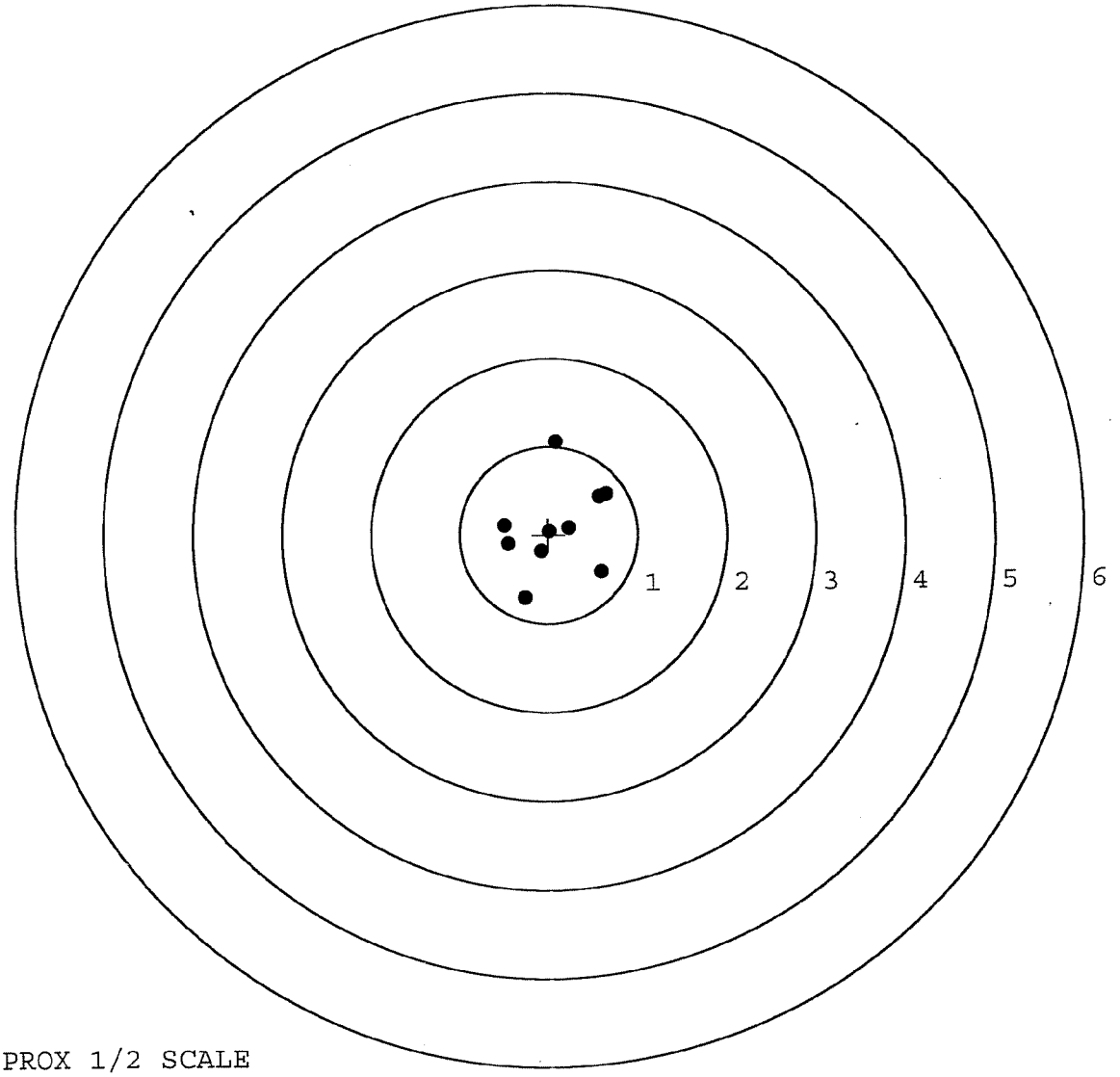


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461547.__0
TARGET NUMBER: 2
FILE DATE: 03/14/2006
FILE TIME: 16:15

X CENTROID:	0.084
Y CENTROID:	0.072
POA TO CENTROID:	0.111
HORZ SPREAD:	1.148
VERT SPREAD:	1.768
GROUP SPREAD:	1.804
MIN RADIUS:	0.085
MAX RADIUS:	0.978
MEAN RADIUS:	0.554
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.571	0.428
2:	0.593	-0.430
3:	-0.269	-0.718
4:	-0.496	0.109
5:	-0.455	-0.101
6:	-0.086	-0.187
7:	0.008	0.034
8:	0.233	0.076
9:	0.652	0.455
10:	0.092	1.050

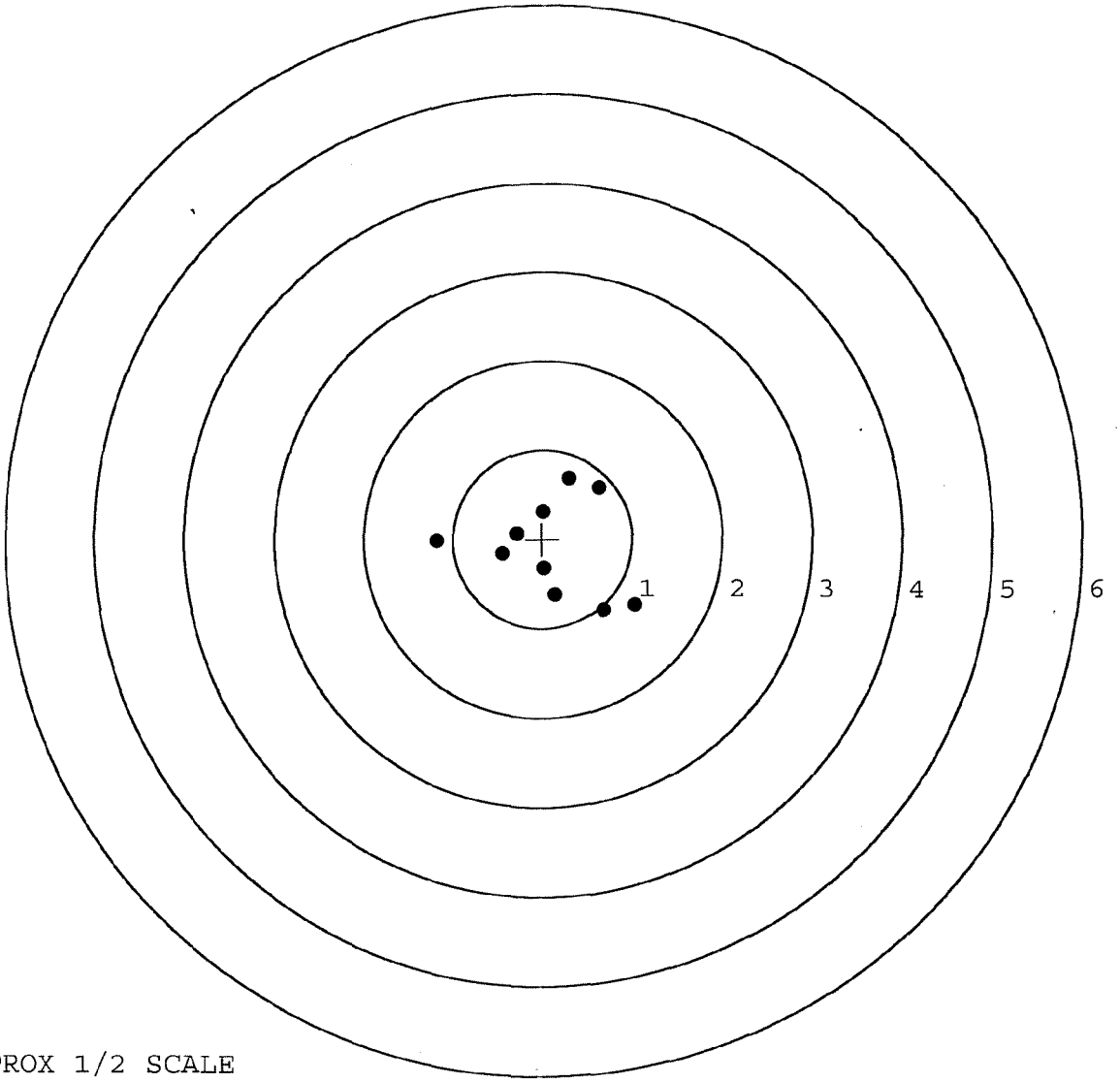


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461547.__0
TARGET NUMBER: 3
FILE DATE: 03/14/2006
FILE TIME: 16:15

X CENTROID:	0.090
Y CENTROID:	-0.105
POA TO CENTROID:	0.139
HORZ SPREAD:	2.207
VERT SPREAD:	1.475
GROUP SPREAD:	2.321
MIN RADIUS:	0.232
MAX RADIUS:	1.273
MEAN RADIUS:	0.714
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.180	-0.022
2:	-0.443	-0.173
3:	-0.290	0.063
4:	0.011	0.310
5:	0.294	0.681
6:	0.632	0.584
7:	0.021	-0.327
8:	0.143	-0.633
9:	0.686	-0.794
10:	1.027	-0.742

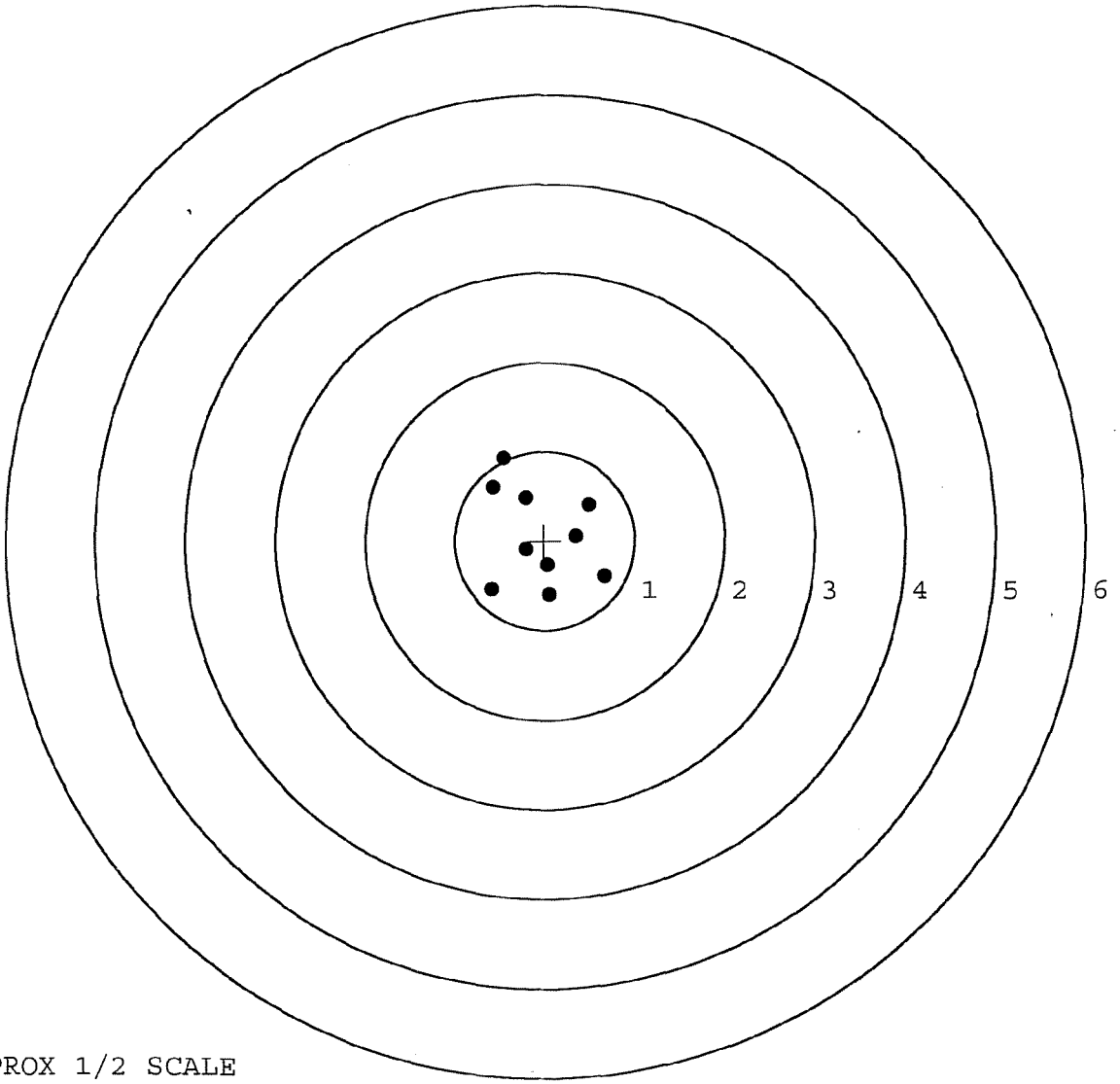


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461547.__0
TARGET NUMBER: 4
FILE DATE: 03/14/2006
FILE TIME: 16:15

X CENTROID:	-0.045
Y CENTROID:	0.052
POA TO CENTROID:	0.069
HORZ SPREAD:	1.261
VERT SPREAD:	1.535
GROUP SPREAD:	1.740
MIN RADIUS:	0.215
MAX RADIUS:	0.968
MEAN RADIUS:	0.610
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.465	0.924
2:	-0.576	0.594
3:	-0.213	0.479
4:	0.488	0.404
5:	0.346	0.047
6:	0.670	-0.395
7:	-0.203	-0.094
8:	0.038	-0.276
9:	0.057	-0.611
10:	-0.591	-0.551

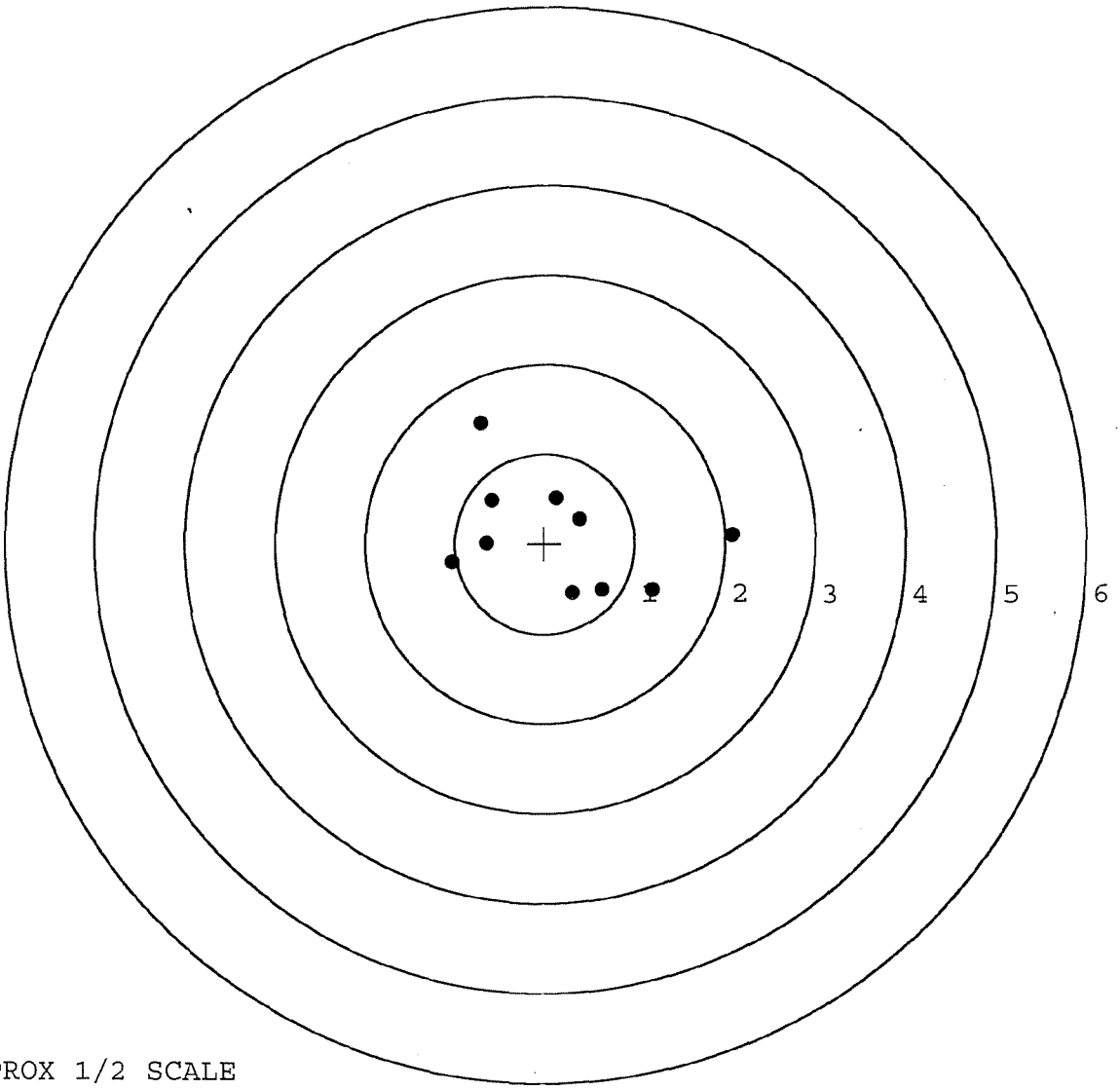


TARGET APPROX 1/2 SCALE

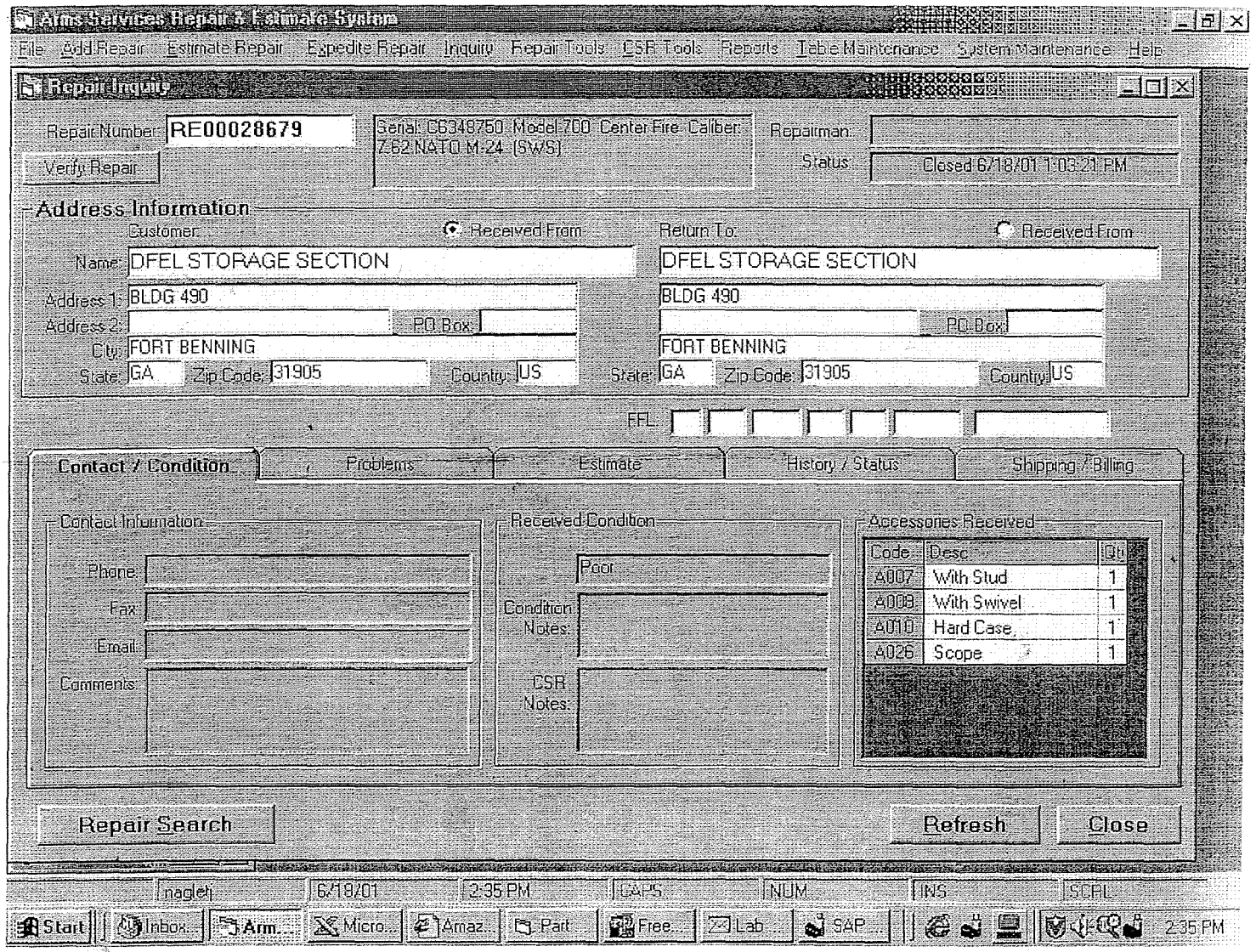
SERIAL NUMBER: G6461547.__0
TARGET NUMBER: 5
FILE DATE: 03/14/2006
FILE TIME: 16:15

X CENTROID:	0.175
Y CENTROID:	0.092
POA TO CENTROID:	0.198
HORZ SPREAD:	3.108
VERT SPREAD:	1.893
GROUP SPREAD:	3.123
MIN RADIUS:	0.277
MAX RADIUS:	1.900
MEAN RADIUS:	0.966
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.589	0.479
2:	-0.642	0.000
3:	-1.033	-0.207
4:	0.131	0.505
5:	0.387	0.271
6:	0.308	-0.547
7:	0.637	-0.512
8:	1.197	-0.514
9:	2.075	0.094
10:	-0.717	1.346



TARGET APPROX 1/2 SCALE



Serial Number: C6348750

Model: 700

RE00028679

E6413468

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

SERIAL NO E 641 3468

DATE 4/24/01

TESTER RH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	225	228		229	MIN. SETTING,
PULL #2	228	230		235	NO AVG. OF 5
PULL #3	225	223		231	READINGS ACCEPT-
PULL #4	233	227		236	ABLE LESS THAN 2#
PULL #5	221	227		234	
TOTAL	1132	1135		1165	
AVG.	226	227		233	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	317	309		
PULL #2	319	315		
PULL #3	320	319		
PULL #4	3.00	316		
PULL #5	306	317		
TOTAL	1562	1576		
AVG.	312	315		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.09		4.11
PULL #2	4.17	4.14		4.02
PULL #3	4.05	4.13		4.11
PULL #4	4.23	418		4.13
PULL #5	420	422		4.04
TOTAL	2073	2076		2041
AVG.	414	415		408

Remington Test Lab, Ilion, N.Y.

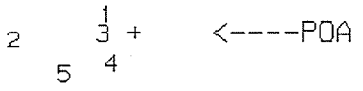
Centroidal distance calculations for Rifle # e6413468
11 Jul 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3784
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0882
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .388543

THE AMR FOR THIS RIFLE IS: 1.004

CENTROIDAL DISTANCES

0	TO	1	.226385
1	TO	2	.649117
1	TO	3	.12855
1	TO	4	.324299
1	TO	5	.493478



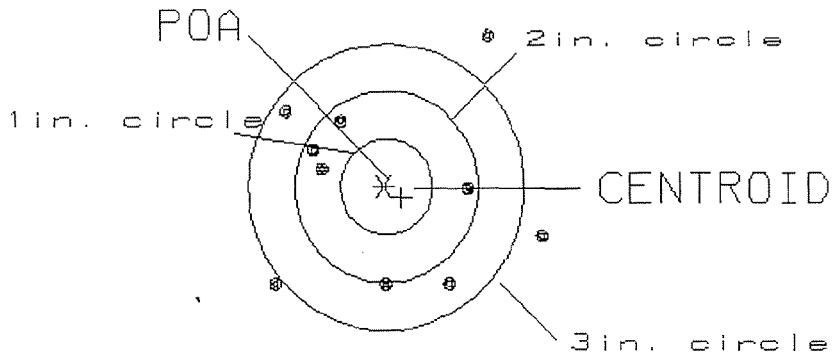
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1

POA TO CENTROID:		.226
MIN RADIUS	:	.697
MEAN RADIUS	:	1.217
MAX RADIUS	:	1.887
CENTROID X	:	-.195
CENTROID Y	:	.115

11 Jul 2001 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413468

CENTERFIRE PATTERN # 1



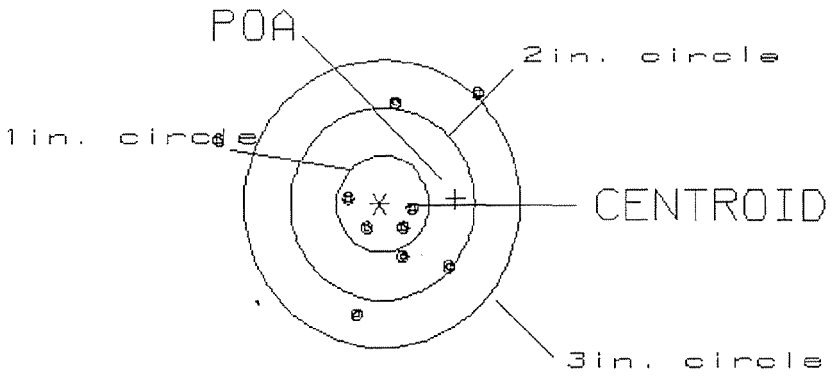
# OF SHOTS= 10	# IN CIRCLE
HS= 2.89	0
VS= 2.59	5
GS= 3.44	7

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

PATTERN #: 2
POA TO CENTROID: .824
MIN RADIUS : .272
MEAN RADIUS : .849
MAX RADIUS : 1.881
CENTROID X : -.822
CENTROID Y : -.053

11 Jul 2001 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413468

CENTERFIRE PATTERN # 2



# OF SHOTS= 10	# IN CIRCLE
HS= 2.73	4
VS= 2.30	6
GS= 2.79	9

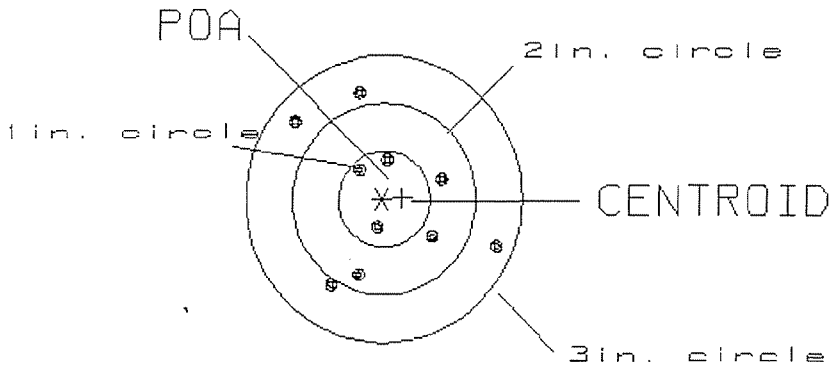
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3

POA TO CENTROID:	.225
MIN RADIUS :	.303
MEAN RADIUS :	.789
MAX RADIUS :	1.289
CENTROID X :	-.225
CENTROID Y :	-.010

11 Jul 2001 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413468

CENTERFIRE PATTERN # 3



# OF SHOTS= 10	# IN CIRCLE
HS= 2.15	3
VS= 1.99	6
GS= 2.51	10

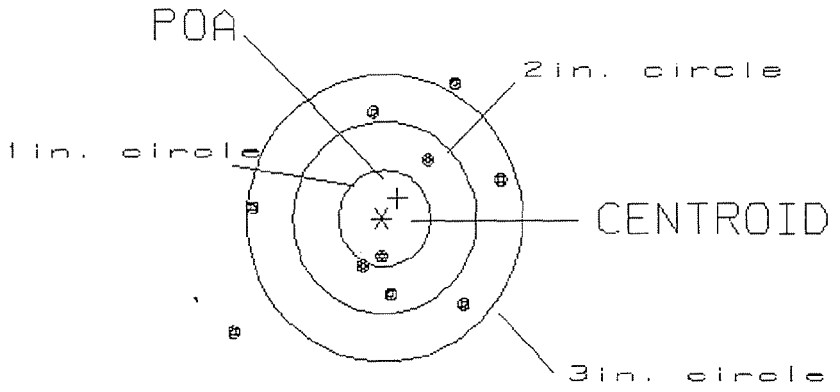
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 4 □

POA TO CENTROID	:	.266
MIN RADIUS	:	.363
MEAN RADIUS	:	1.115
MAX RADIUS	:	2.061
CENTROID X	:	-.166
CENTROID Y	:	-.208

11 Jul 2001 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413468

CENTERFIRE PATTERN # 4



# OF SHOTS= 10	# IN CIRCLE
HS= 2.94	1
VS= 2.60	4
GS= 3.54	8

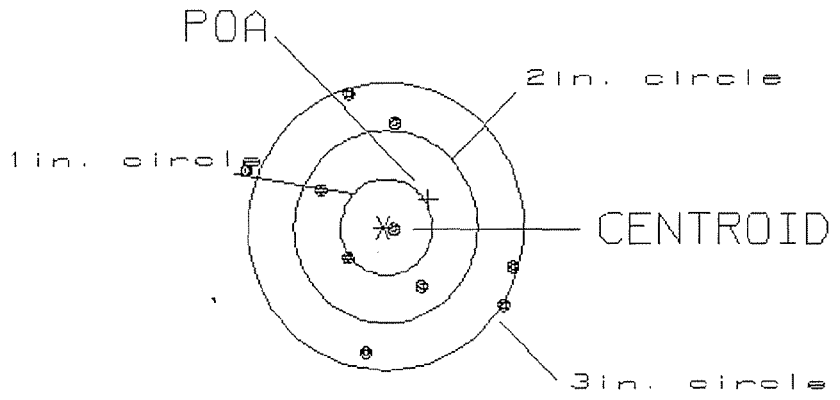
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 5 □

POA TO CENTROID:		.561
MIN RADIUS	:	.076
MEAN RADIUS	:	1.048
MAX RADIUS	:	1.597
CENTROID X	:	-.484
CENTROID Y	:	-.285

11 Jul 2001 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413468

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 2.86	2
VS= 2.68	4
GS= 3.07	9

Scope 0617

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348750

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	[illegible]
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		11/3/89	KCK
	Magnaflux Bolt		11/3/89	KCK
615	Rollmark Caliber		11/3/89	C.S.
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-8-89	[illegible]
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-8-89	[illegible]
	C) Inspect Ejector Hole for Chamfer		11-8-89	[illegible]
	D) Oil Firing Pin Ass'y		11-8-89	[illegible]
	E) Adjust Trigger Pull to Min Setting and Stake		11/8/89	[illegible]

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	5	5	15 Nov 89	gss
	G) Safety Off Force	4	3	3	15 Nov 89	gss
	H) Trigger Pull Test & Retainability				14 Nov 89	gss
	I) Firing Pin Indent	.025	.021	.0205	15 Nov 89	gss
	J) Assemble Stock				11-16-89	[illegible]
	K) Assemble Swivel Studs				27 Nov 89	gss
	L) Attach Front and Rear Sight Assemblies				11-16-89	[illegible]
	M) Iron Sight Alignment				11-16-89	[illegible]
	N) Detach Front & Rear Sights & place in numbered container				11-16-89	[illegible]
	O) Attach Scope to Rifle				16 Nov 89	gss
	P) Detach & Attach Scope 20 Times				16 Nov 89	gss
640	Gallery Target & Test				11-17-89	DH
	A) Time				11-17-89	DH
	B) Malfunctions				11-17-89	DH
	C) Pierced Primers				11-17-89	DH
	D) Optical Clearity of Scope				11-17-89	DH
645	Inspect for Live Ammo				11-17-89	DH
655	Final Inspection A) Headspace				27 Nov 89	gss
	B) Trigger Pull	#30	#17	#26	#29 #33	27 Nov 89 gss
	C) Function				27 Nov 89	gss
660	Pack				15 Dec 89	gss

RC-33

SWS TRIGGER PULL TEST

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

SERIAL NO. C6348750
DATE 12/18/90
TESTER RB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.68	244		2.77	MIN. SETTING,
PULL #2	2.55	251		2.74	NO AVG. OF 5
PULL #3	2.44	269		2.73	READINGS ACCEPT-
PULL #4	2.58	266		2.74	ABLE LESS THAN 2#
PULL #5	2.44	265		2.73	
TOTAL	1269	1301			
AVG.	2538	2602			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	306		
PULL #2	314	313		
PULL #3	308	310		
PULL #4	292	312		
PULL #5	309	311		
TOTAL	1533	1552		
AVG.	3.066	3104		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.82	384		
PULL #2	380	378		
PULL #3	382	378		
PULL #4	382	377		
PULL #5	361	377		
TOTAL	1887	1894		
AVG.	3.774	3.788		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6245753
17 Nov 1989

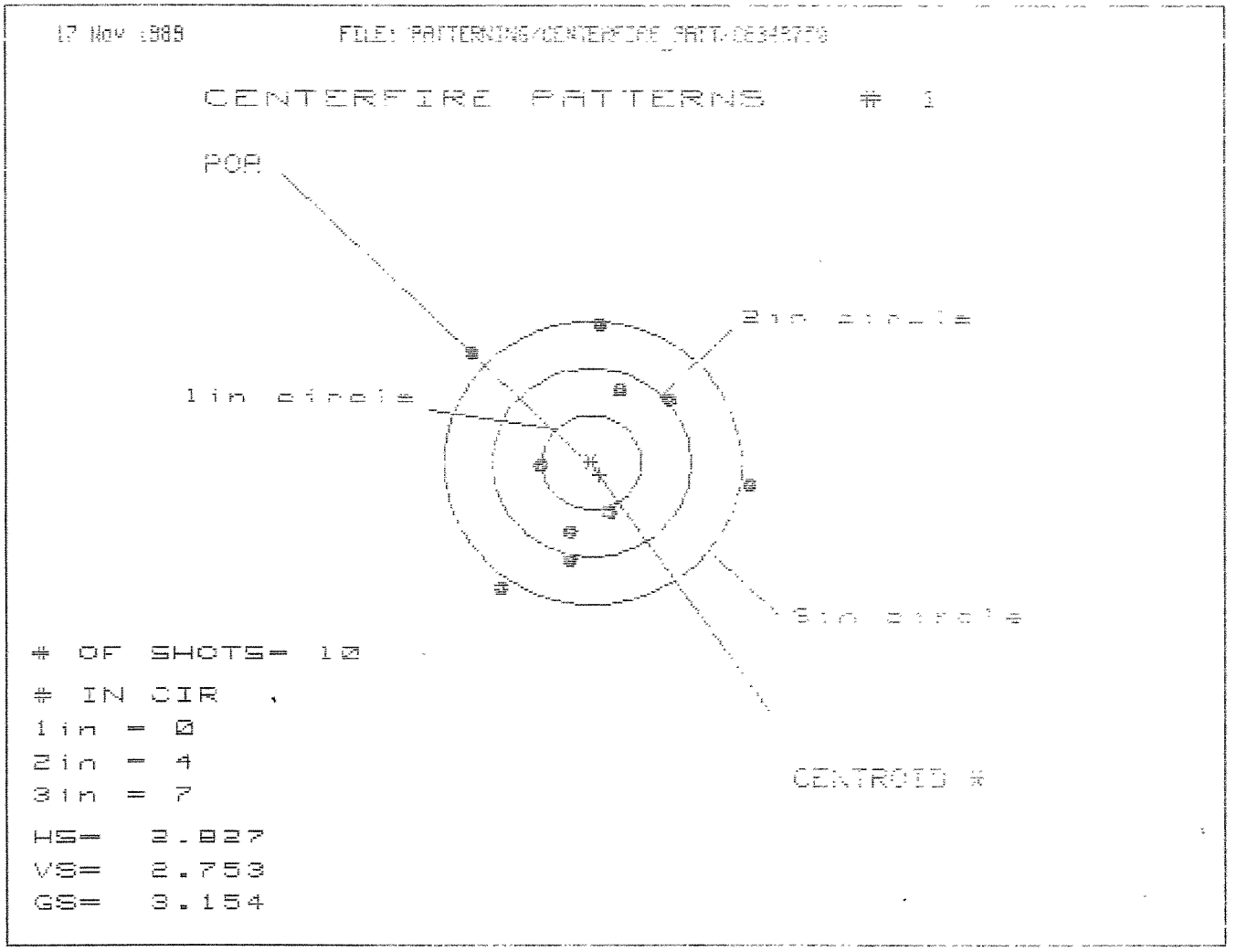
CENTROIDAL DISTANCES

0	TO	1	.153701
1	TO	2	.118431
1	TO	3	.310601
1	TO	4	.198426
1	TO	5	.309864

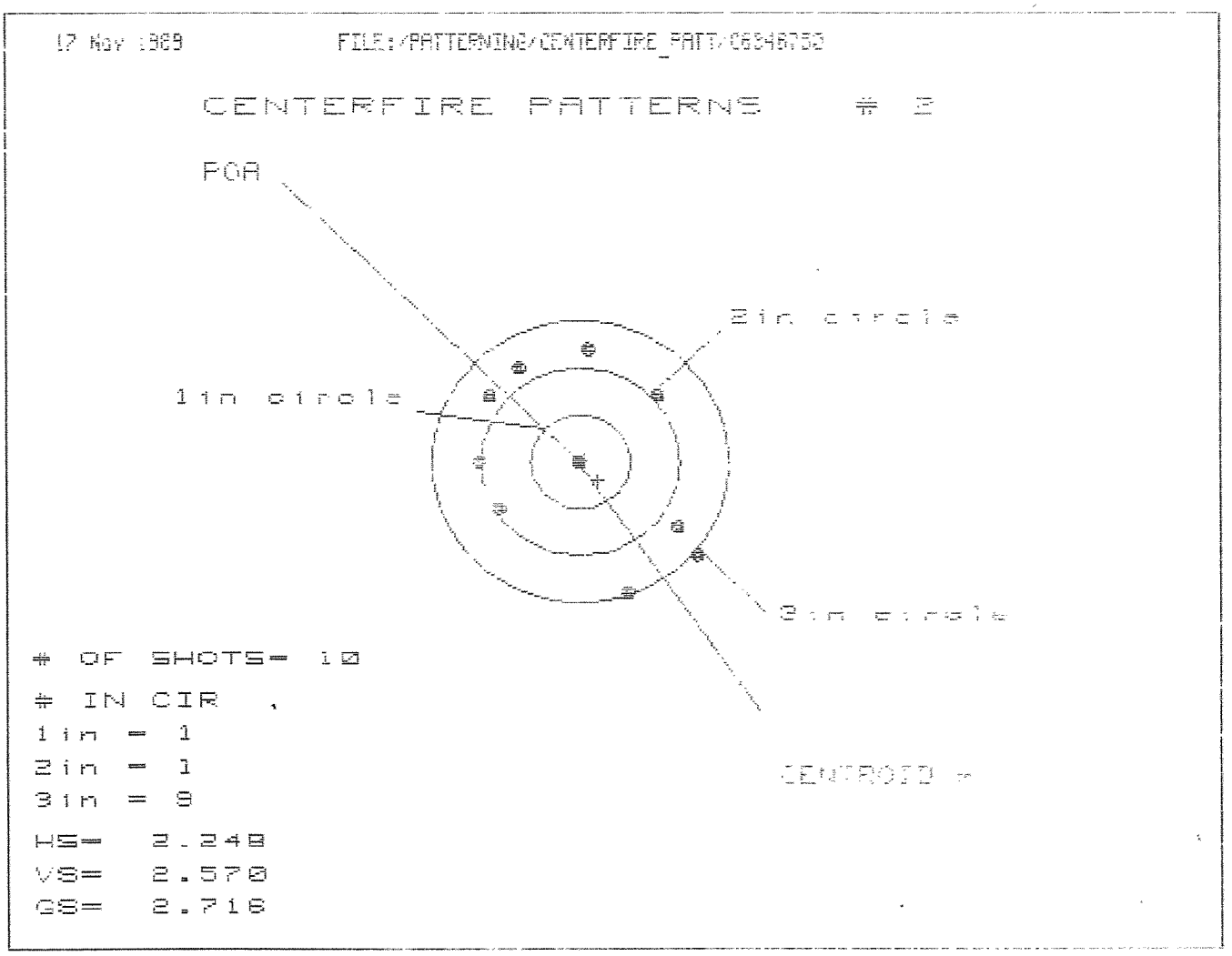
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0154
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1273
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .1391[illegible]

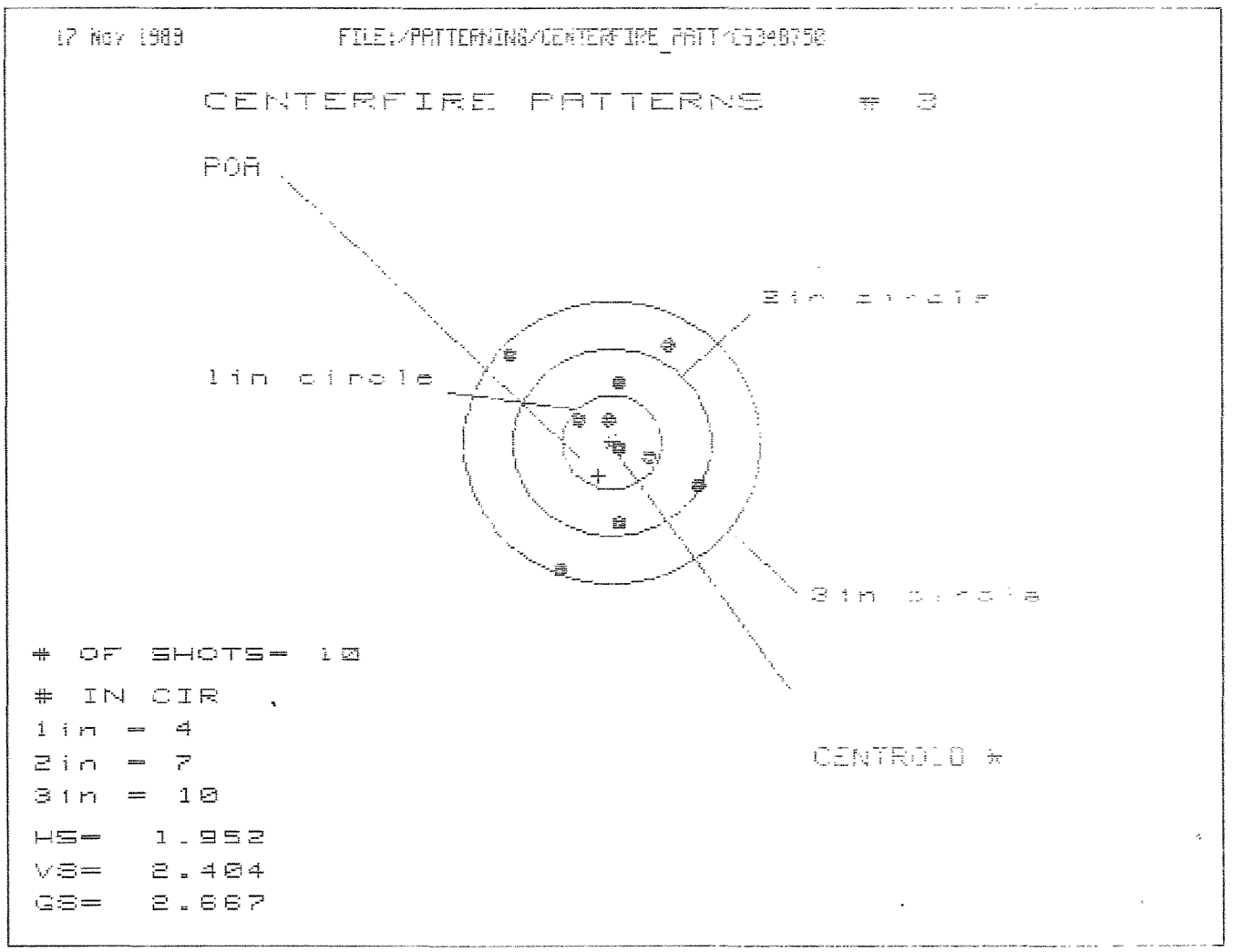
THE AMR FOR THIS RIFLE IS: 1.00



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.625	.980	.852
MINIMUM X	:	-1.202	-1.021	-.864
MAXIMUM Y	:	1.466	1.436	1.363
MINIMUM Y	:	-1.287	-1.317	-1.160
CENTROID X	:	-.082	-.269	-.155
CENTROID Y	:	.130	.160	.023
POA TO CENTROID in.	:	.153	.308	.157
MIN RADIUS	:	.509	.383	.401
MEAN RADIUS	:	1.117	1.048	.968
MAX RADIUS	:	1.648	1.509	1.377
HORIZONTAL SPREAD	:	2.827	2.001	1.716
VERTICAL SPREAD	:	2.753	2.753	2.753
EXTREME SPREAD	:	3.154	2.919	2.919
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

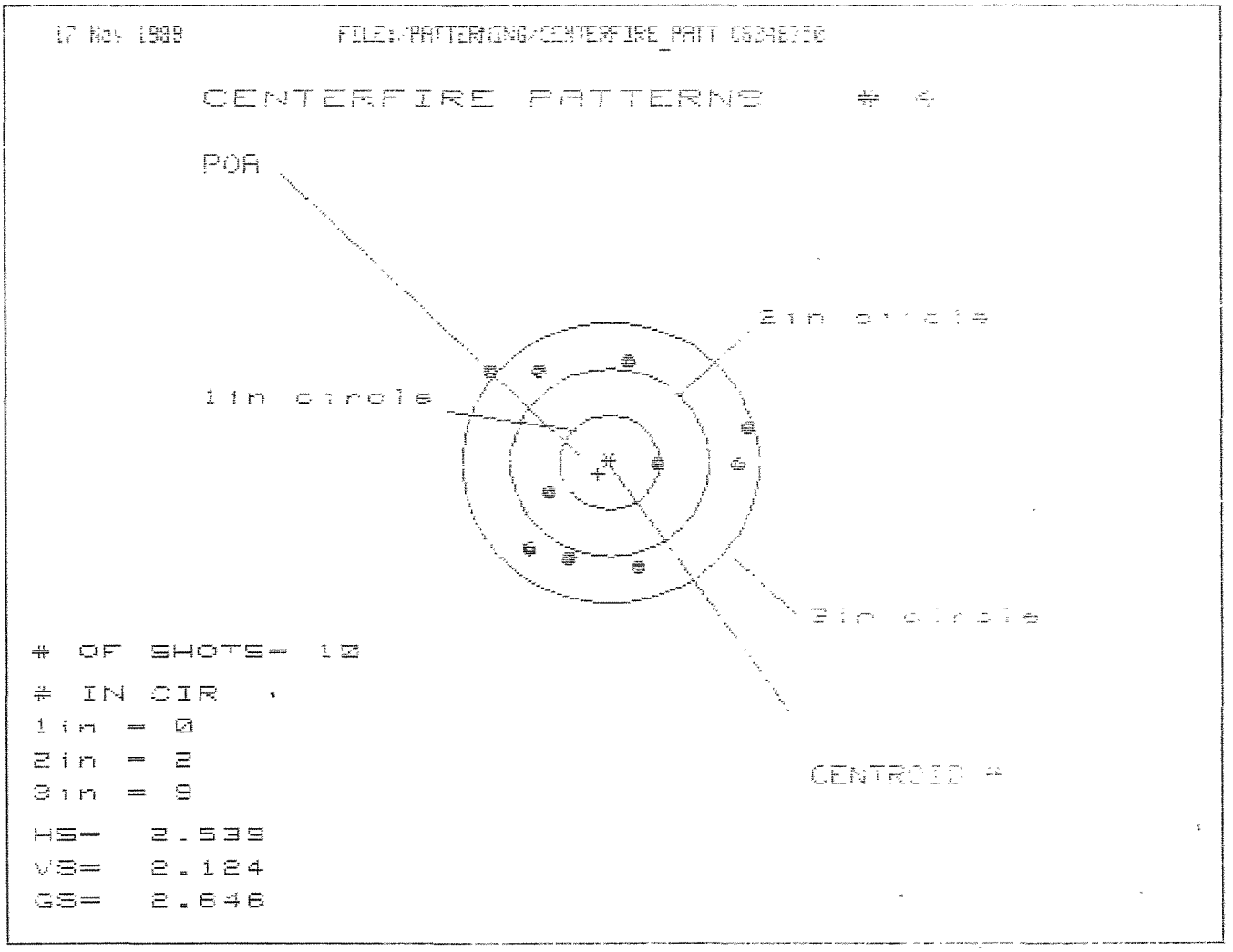


PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.164	1.140	1.217
MINIMUM X	:	-1.064	-.933	-.936
MAXIMUM Y	:	1.205	1.093	.988
MINIMUM Y	:	-1.365	-1.477	-.947
CENTROID X	:	-.181	-.312	-.389
CENTROID Y	:	.195	.307	.492
POA TO CENTROID in.	:	.266	.438	.627
MIN RADIUS	:	.061	.114	.310
MEAN RADIUS	:	1.098	1.028	.941
MAX RADIUS	:	1.553	1.600	1.573
HORIZONTAL SPREAD	:	2.248	2.073	2.073
VERTICAL SPREAD	:	2.570	2.570	1.985
EXTREME SPREAD	:	2.716	2.605	2.391
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		9	

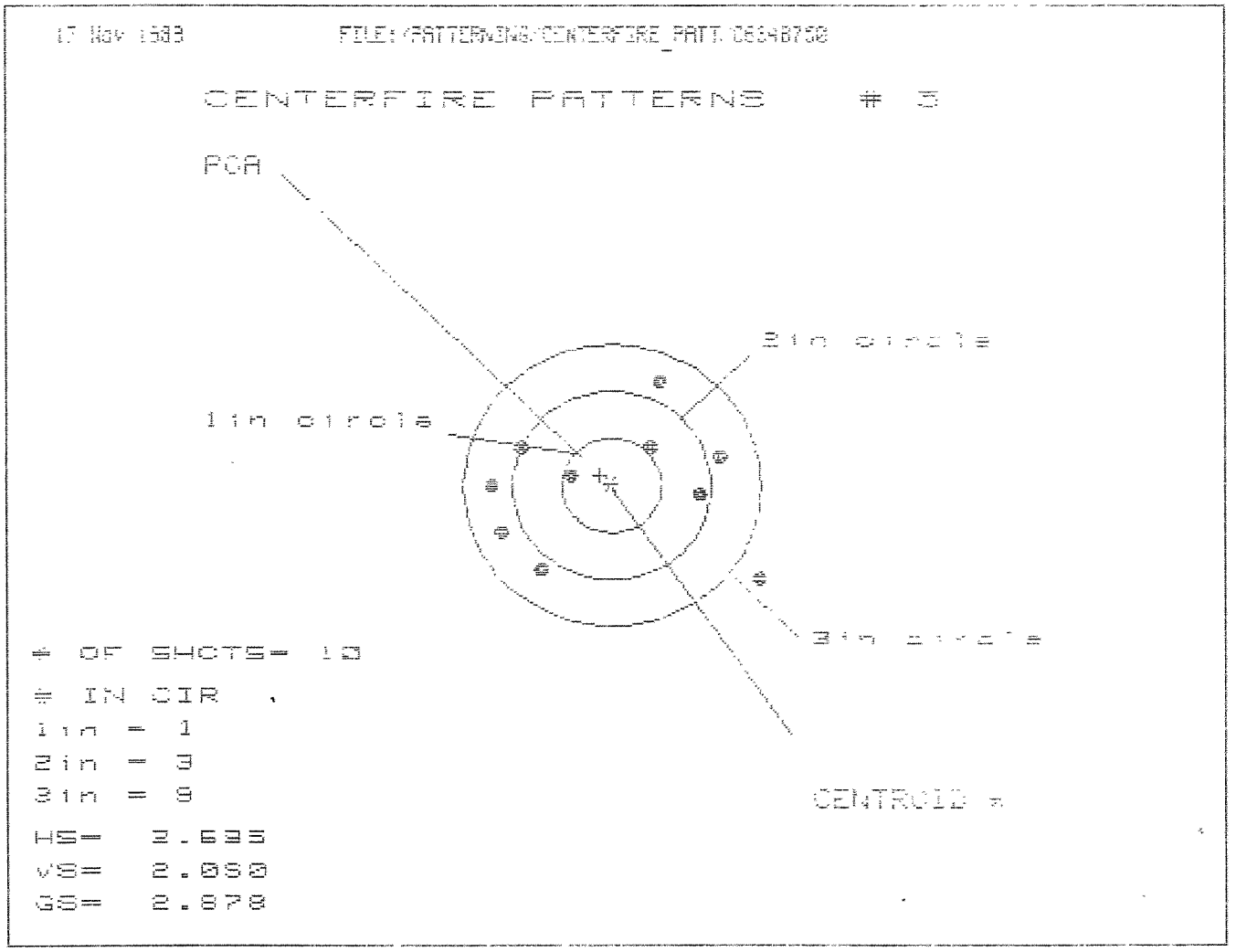


PATTERN # : 3

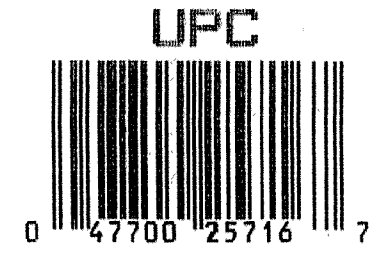
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.874	.811	.869
MINIMUM X	:	-1.078	-1.141	-.923
MAXIMUM Y	:	1.033	.881	.974
MINIMUM Y	:	-1.371	-1.044	-.951
CENTROID X	:	.120	.193	.335
CENTROID Y	:	.357	.509	.416
POA TO CENTROID in.	:	.389	.545	.524
MIN RADIUS	:	.125	.067	.213
MEAN RADIUS	:	.768	.675	.591
MAX RADIUS	:	1.481	1.363	1.049
HORIZONTAL SPREAD	:	1.952	1.952	1.192
VERTICAL SPREAD	:	2.404	1.925	1.925
EXTREME SPREAD	:	2.667	2.369	2.007
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.359	1.228	1.307
MINIMUM X	:	-1.180	-.899	-.746
MAXIMUM Y	:	1.039	1.144	1.106
MINIMUM Y	:	-1.085	-.930	-.918
CENTROID X	:	.116	.247	.094
CENTROID Y	:	.117	.012	-.059
POA TO CENTROID in.	:	.165	.247	.106
MIN RADIUS	:	.514	.394	.558
MEAN RADIUS	:	1.113	1.052	1.005
MAX RADIUS	:	1.513	1.399	1.362
HORIZONTAL SPREAD	:	2.539	2.127	2.053
VERTICAL SPREAD	:	2.124	2.124	2.124
EXTREME SPREAD	:	2.646	2.491	2.335
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.493	1.271	1.141
MINIMUM X	:	-1.202	-1.036	-1.046
MAXIMUM Y	:	1.109	1.001	.992
MINIMUM Y	:	-.971	-.950	-.959
CENTROID X	:	.114	-.052	.078
CENTROID Y	:	-.119	-.002	.007
POA TO CENTROID in.	:	.159	.052	.078
MIN RADIUS	:	.378	.207	.336
MEAN RADIUS	:	1.056	.945	.933
MAX RADIUS	:	1.781	1.287	1.287
HORIZONTAL SPREAD	:	2.695	2.307	2.187
VERTICAL SPREAD	:	2.080	1.951	1.951
EXTREME SPREAD	:	2.878	2.329	2.329
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	



RECEIVING AND ESTIMATING REPORT

COMMENTS: M/24 W/SCOPE — Scope S/N 87-1141

ORDER: R 99-20517

INITIAL	CUSTOMER ORDER NO.
SWS	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
10/18/99	10/20/99		C6348750		700 7.62 NATO

ACCESSORIES: W/STUDS W/SWIVELS HARD CASE SCOPE MNTS SCOPE BASE

FROM:

U S ARMY
CO D 2/29 INF REGT
BLDG 73
FT BENNING GA 31905

SHIP TO:

U S ARMY
CO D 2/29 INF REGT
BLDG 73
FT BENNING GA 31905

CUST NO: 187354 C.O.D

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

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

REPAIR CHARGE	
EXCISE	
TAX	
INSURANCE	
UPS	
PARCEL POST	
TOTAL	

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

MAIN FAULT

PARTS

BBL	96003
STOCK	96018
BOLT ASSY	96005
EXTRACTOR	91816

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	—	—	—	—	
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
RW		1-26-00	1-31-00	1-31-00	

OFFICE COPY

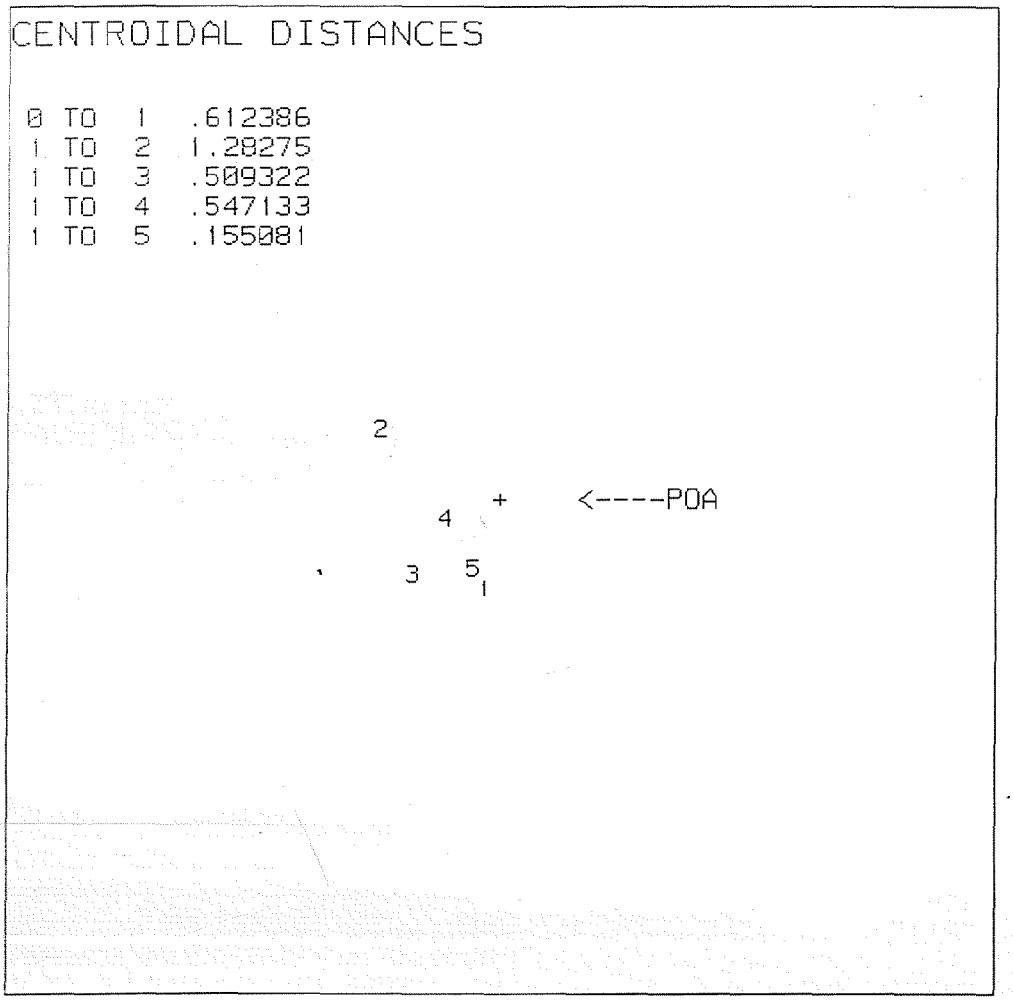
RD6925 REV. 7/97

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348750
4 Feb 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4144
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.25
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .48397

THE AMR FOR THIS RIFLE IS: 1.195

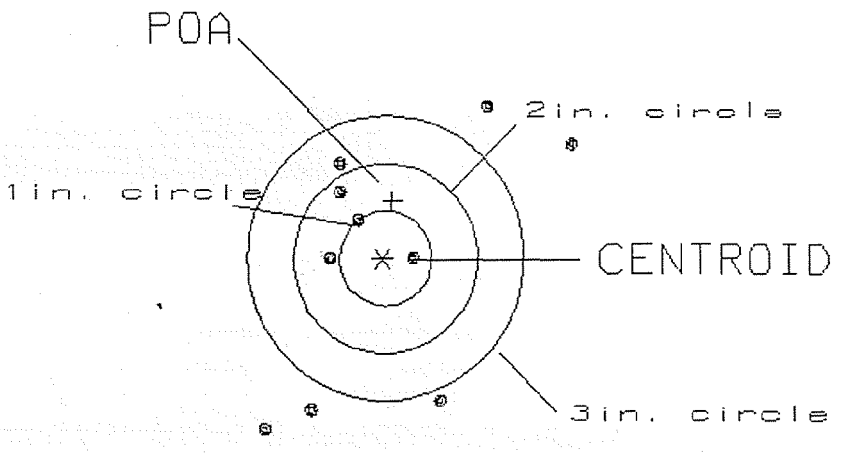


REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 1 □		
POA TO CENTROID:		.612
MIN RADIUS	:	.329
MEAN RADIUS	:	1.332
MAX RADIUS	:	2.375
CENTROID X	:	-.101
CENTROID Y	:	-.604

4 Feb 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348750

CENTERFIRE PATTERN # 1



# OF SHOTS= 10	# IN CIRCLE
HS= 3.35	2
VS= 3.37	4
GS= 4.49	5

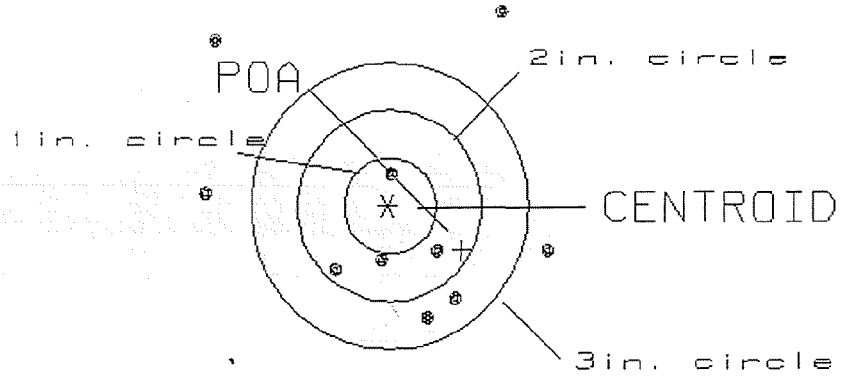
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 2 □

POA TO CENTROID:		.934
MIN RADIUS	:	.369
MEAN RADIUS	:	1.378
MAX RADIUS	:	2.556
CENTROID X	:	-.810
CENTROID Y	:	.465

4 Feb 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348750

CENTERFIRE PATTERN # 2



# OF SHOTS= 10	# IN CIRCLE
HS= 3.74	1
VS= 3.20	4
GS= 4.19	6

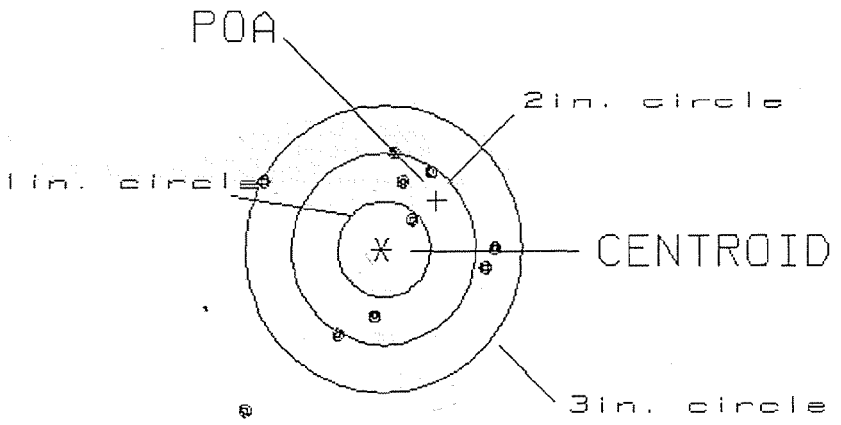
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 3 □

POA TO CENTROID:		.786
MIN RADIUS	:	.391
MEAN RADIUS	:	1.093
MAX RADIUS	:	2.264
CENTROID X	:	-.601
CENTROID Y	:	-.507

4 Feb 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348750

CENTERFIRE PATTERN # 3



# OF SHOTS= 10	# IN CIRCLE
HS= 2.71	1
VS= 2.74	4
GS= 3.24	9

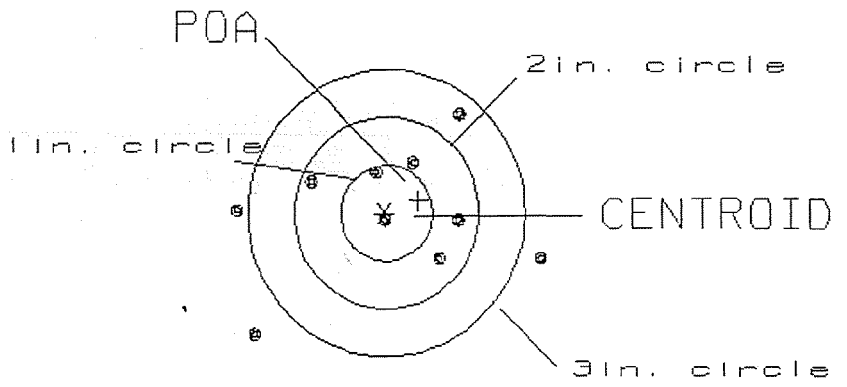
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 4 □

POA TO CENTROID:		.398
MIN RADIUS	:	.115
MEAN RADIUS	:	1.028
MAX RADIUS	:	1.926
CENTROID X	:	-.376
CENTROID Y	:	-.131

4 Feb 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348750

CENTERFIRE PATTERN # 4



# OF SHOTS= 10	# IN CIRCLE
HS= 3.37	2
VS= 2.27	6
GS= 3.40	7

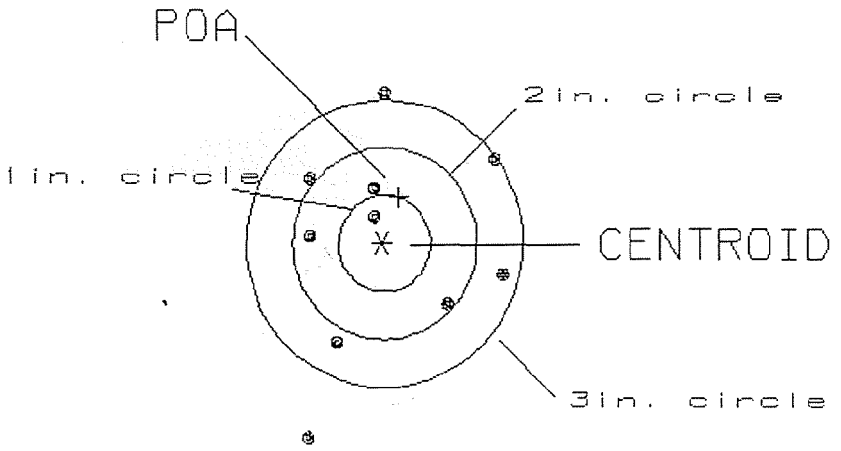
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 5 □

POA TO CENTROID:		.508
MIN RADIUS	:	.261
MEAN RADIUS	:	1.142
MAX RADIUS	:	2.202
CENTROID X	:	-.184
CENTROID Y	:	-.473

4 Feb 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348750

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 2.15	1
VS= 3.64	4
GS= 3.73	8

21 DAY TURN - AROUND

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

R&E NO. **SERIAL NO.** C6348750

		LOG IN DATE: / /	DATE	INIT.
		INSPECT & VERIFY:		
OP. #		OP. NAME		
550		DIS-ASSEMBLE GUN		
560	A	RE-BARREL AT CUSTOM SHOP		
	B	DRILL & TAP		
	C	POLISH		
575		ASSEMBLE		
600		PROOF	12-12-99	RW
605		CHECK HEADSPACE	12-12-99	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	1-31-00	RW
655		FINAL INSPECT	2-8-00	RW
660		PACK		
		QAR INSPECTION	SHIP DATE	

SWS/Repair

Final Inspection

S.n: C6348750 | Date Rec'd: 10-18-99 | Date Ret'd:

Auditor: RW

Item:

Barrel Assy.

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

Scope Assy.

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

Misc.

- ___ DD-250
- ___ Bar Code
- ___ Packaging

Item:

Stock Assy.

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

Systems Case

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

Trigger

- ✓ Safety Operation
- ✓ Set
- ___

Comments: _____