CB48012

MODEL 700™ M24

Model SPS™

Action

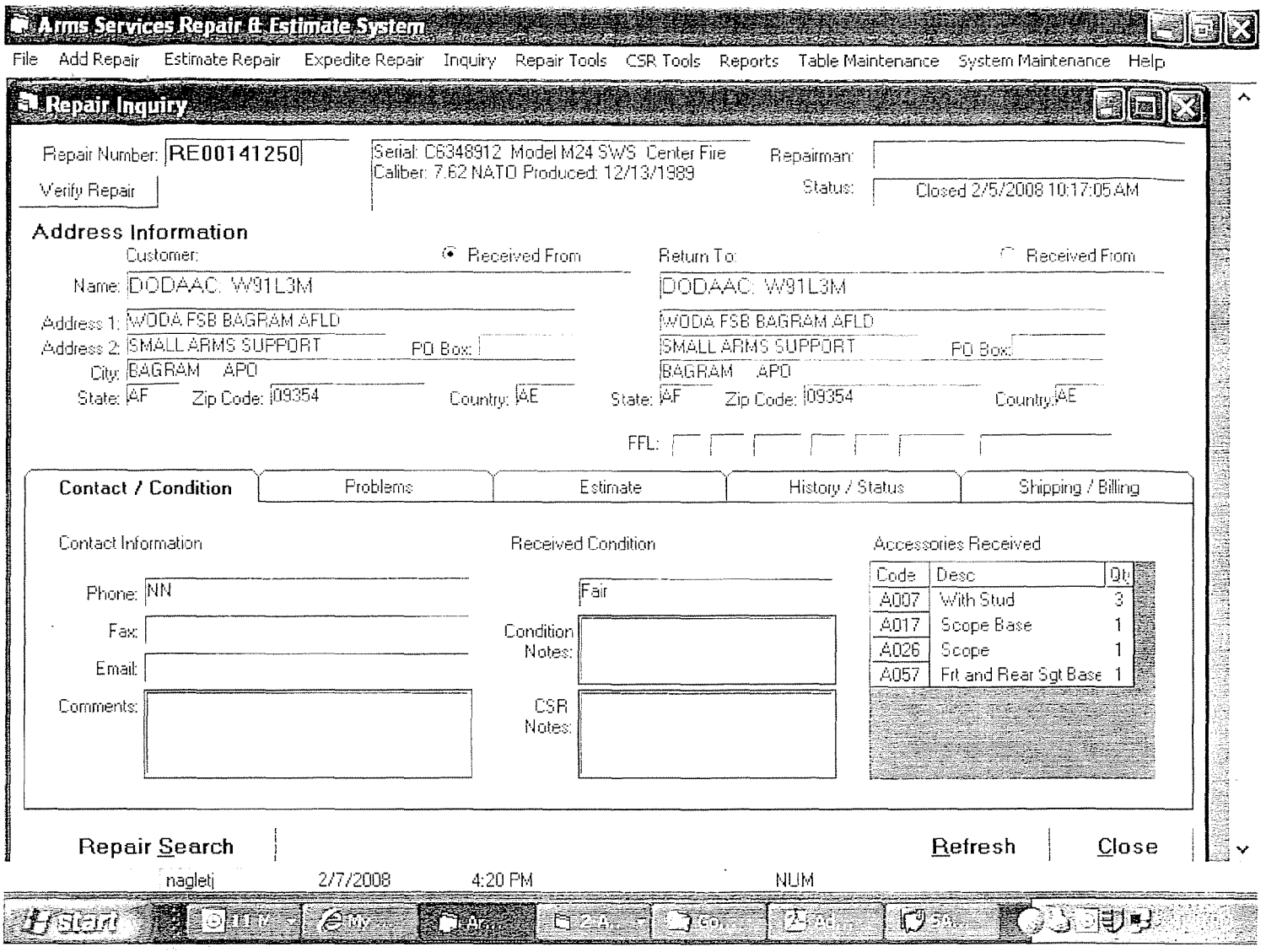
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®



Serial Number: C6348912

Model: M24 SWS

RE00141250

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

R & E NUMBER 00141250

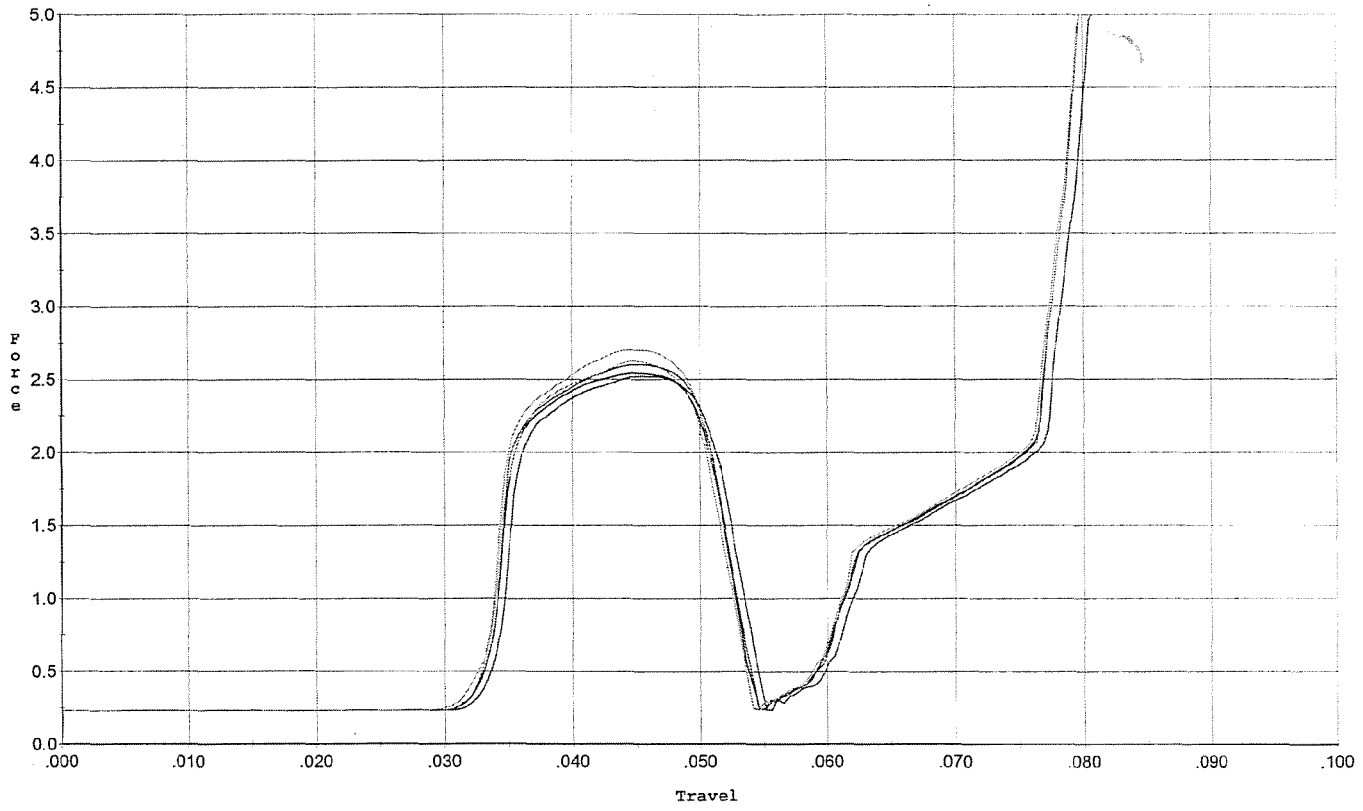
SERIAL NUMBER C6348912

LOG-IN DATE 2-5-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		2-5-08	RTL
505	RE-BARREL		2-20-08	RTL
560	ASSEMBLE		2-20-08	RTL
600	PROOF	MAGNA - FLUX FEB 21 2008	2.20-08	TRW
605	CHECK HEADSPACE		2.20-08	TRW
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX	OPERATOR Unmk	2/21/08	Unmk
510	DRILL AND TAP		2-21-08	FM
615	ROLLMARK CALIBER		2-22-08	CW
618	ROTO-BLAST		2-22-08	DG
620	APPLY COATINGS		22608	Unm
625	FINAL ASSEMBLY		3-3-08	S.P.D.
640	FUNCTION TEST AND	(PASS) FAIL	3-3-08	TRW
650	TARGET	(PASS) FAIL	3-3-08	TRW
	MALFUNCTION	CORRECTION	3-3-08	S.P.D.
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		3608	DA
	A) HEADSPACE	(PASS) FAIL	3608	DA
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.44 2.42 2.36 2.31 2.32	3608	DA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5.5 5.5 5.5	3608	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	3.5 4.0 4.0	3608	DA
	I) FIRING PIN INDENT (.020)	.023 .024 .024	3608	DA
690	PACK		3/12/08	FM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs. ini. +/- .50 lbs.
Note:	R. Putch 2/15/08		



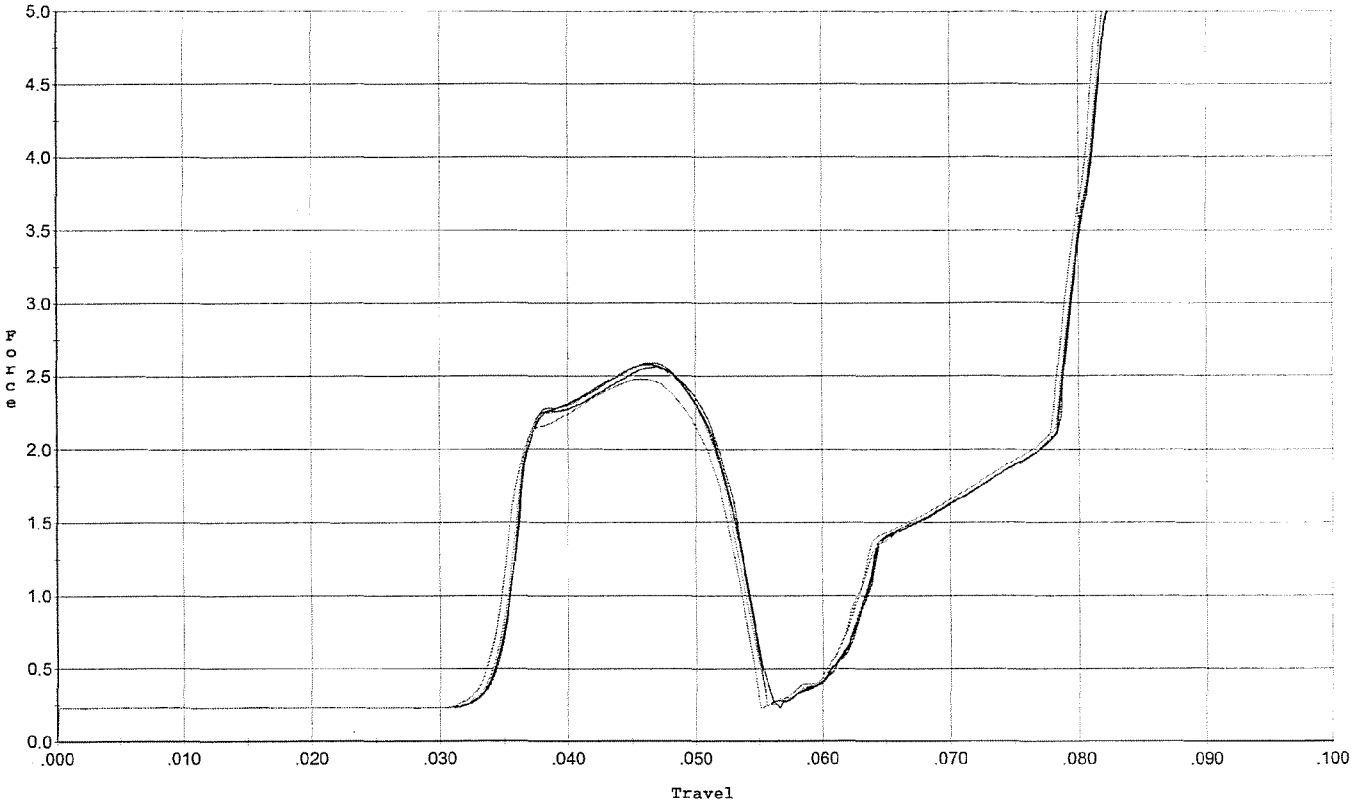
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.523	0.052	0.033	0.035	0.048		Set Trigger
2	2.542	0.051	0.032	0.034	0.049		Set Trigger
3	2.605	0.051	0.032	0.034	0.049		Set Trigger
4	2.702	0.051	0.032	0.034	0.051		Set Trigger
5	2.623	0.052	0.032	0.034	0.050		Set Trigger

Avg 2.59

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 2/15/2008 7:11:34 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs. after 50 cycles +/- .50 lbs.
Note:	R. Putch 2/15/08		

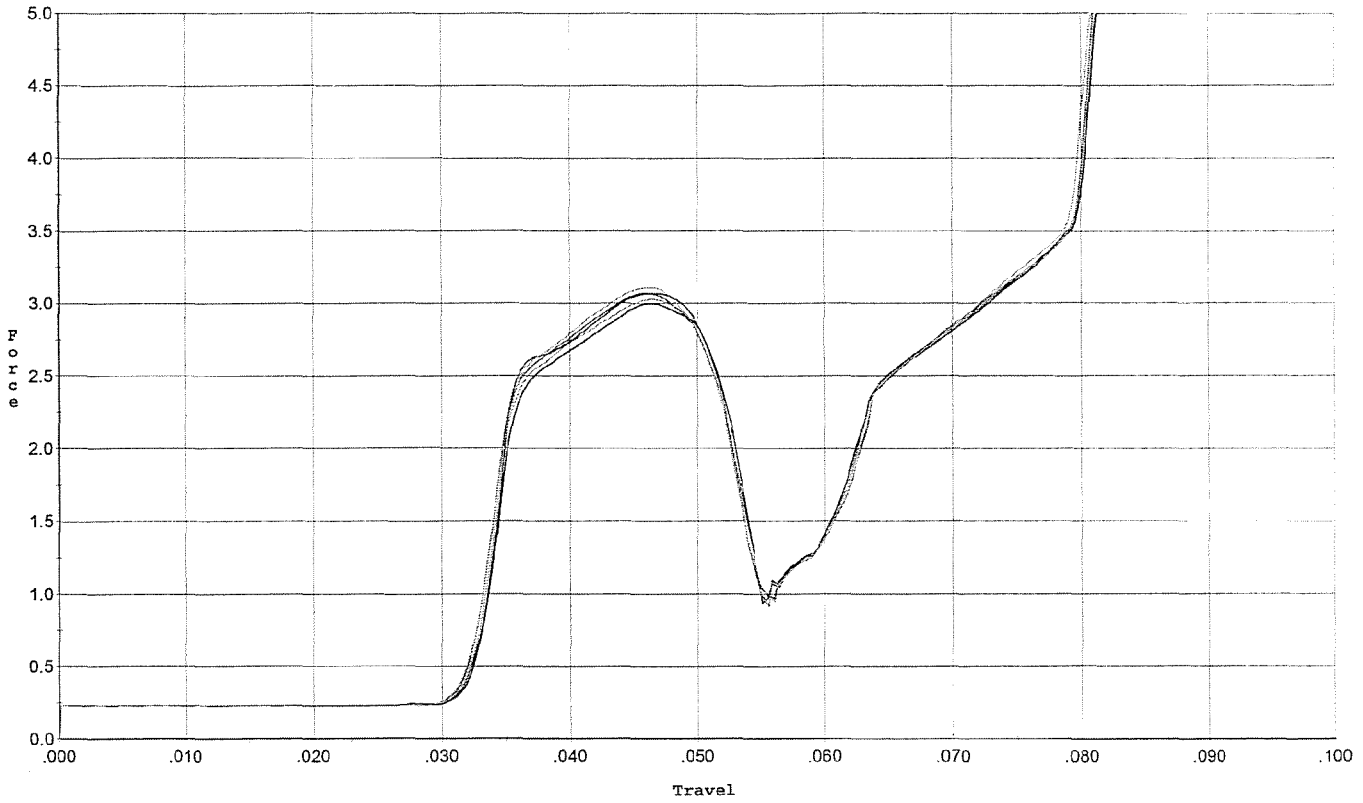


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.559	0.053	0.034	0.035	0.049		Set Trigger
2	2.578	0.053	0.034	0.035	0.049		Set Trigger
3	2.588	0.053	0.034	0.035	0.049		Set Trigger
4	2.572	0.052	0.034	0.036	0.048		Set Trigger
5	2.477	0.053	0.033	0.035	0.048		Set Trigger

Avg 2.55

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs. ini. +/- .75 lbs.
Note:	R. Putch 2/15/08		



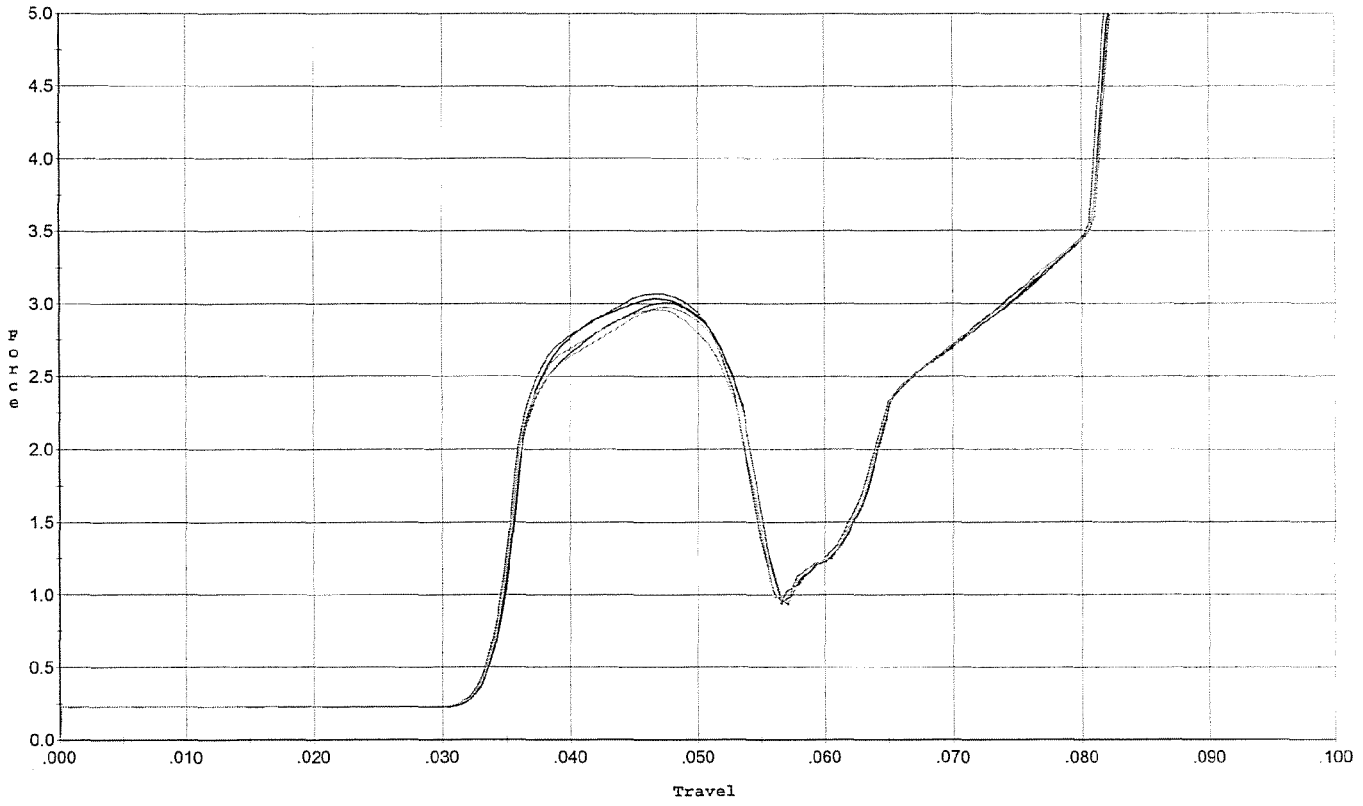
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.068	0.053	0.032	0.034	0.061		Set Trigger
2	2.997	0.053	0.032	0.034	0.059		Set Trigger
3	3.071	0.052	0.032	0.034	0.059		Set Trigger
4	3.107	0.052	0.032	0.034	0.059		Set Trigger
5	3.029	0.052	0.031	0.034	0.059		Set Trigger

Avg 3.05

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 2/15/2008 7:15:16 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs. after 20 cycles +/- .75 lbs.
Note:	R. Putch 2/15/08		



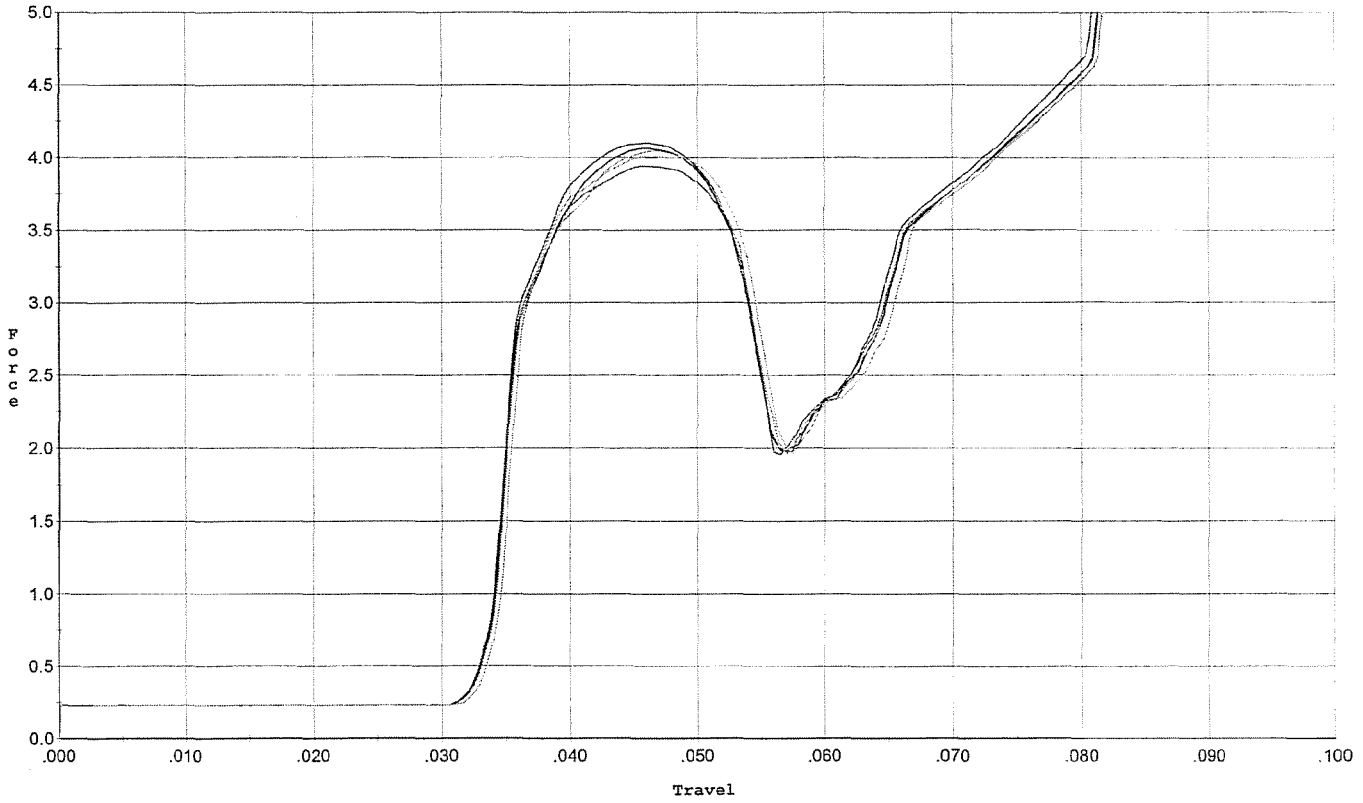
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.007	0.054	0.033	0.034	0.059		Set Trigger
2	3.031	0.054	0.033	0.034	0.060		Set Trigger
3	3.068	0.053	0.033	0.034	0.060		Set Trigger
4	2.977	0.054	0.033	0.034	0.059		Set Trigger
5	2.954	0.054	0.033	0.034	0.060		Set Trigger

Avg 3.00

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 2/15/2008 7:16:55 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs. ini. +/- 1.0 lbs.
Note:	R. Putch 2/15/08		



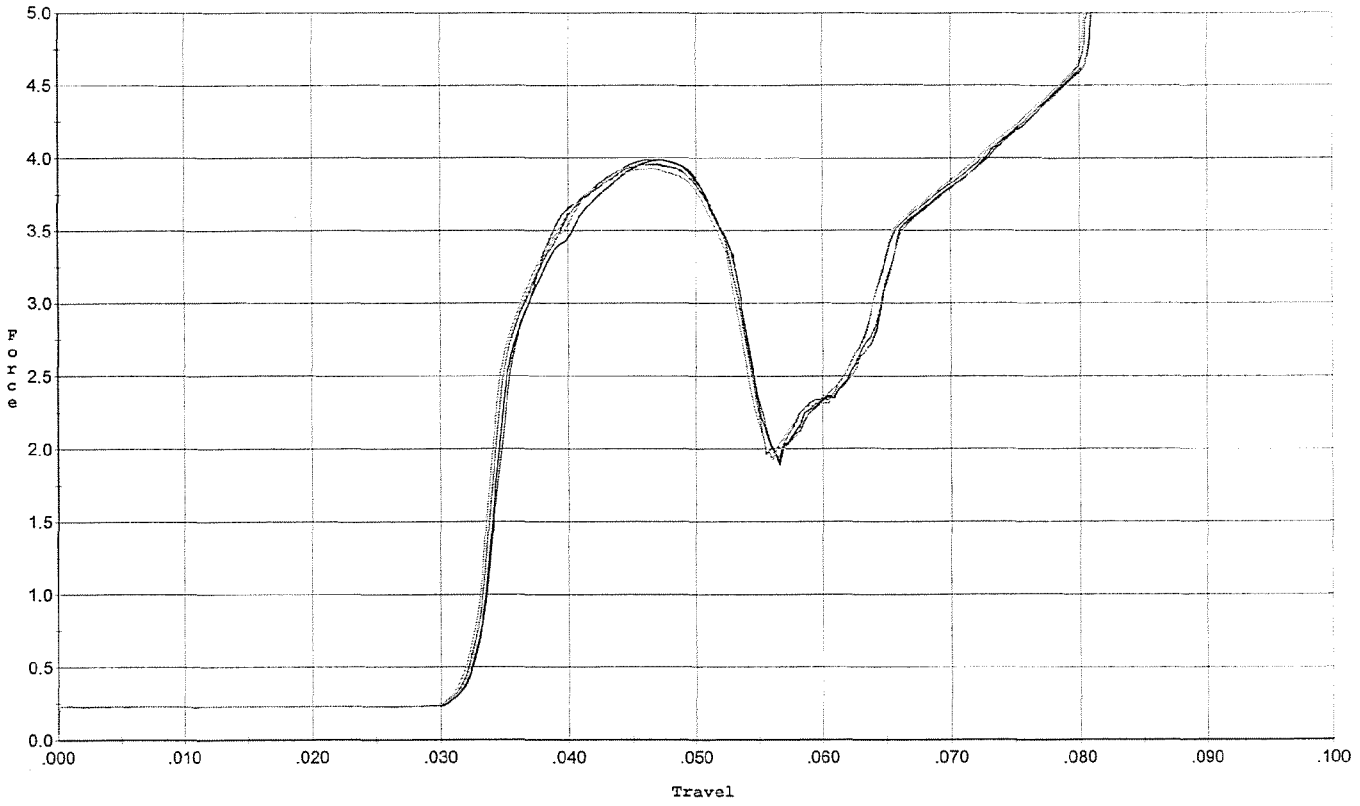
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.099	0.054	0.032	0.032	0.081		Set Trigger
2	4.065	0.054	0.032	0.032	0.080		Set Trigger
3	3.940	0.054	0.032	0.032	0.079		Set Trigger
4	4.007	0.054	0.033	0.033	0.080		Set Trigger
5	4.046	0.053	0.032	0.033	0.079		Set Trigger

Avg 4.03

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 2/15/2008 7:19:11 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs. after 20 cycles +/- 1.0 lbs.
Note:	R. Putch 2/15/08		



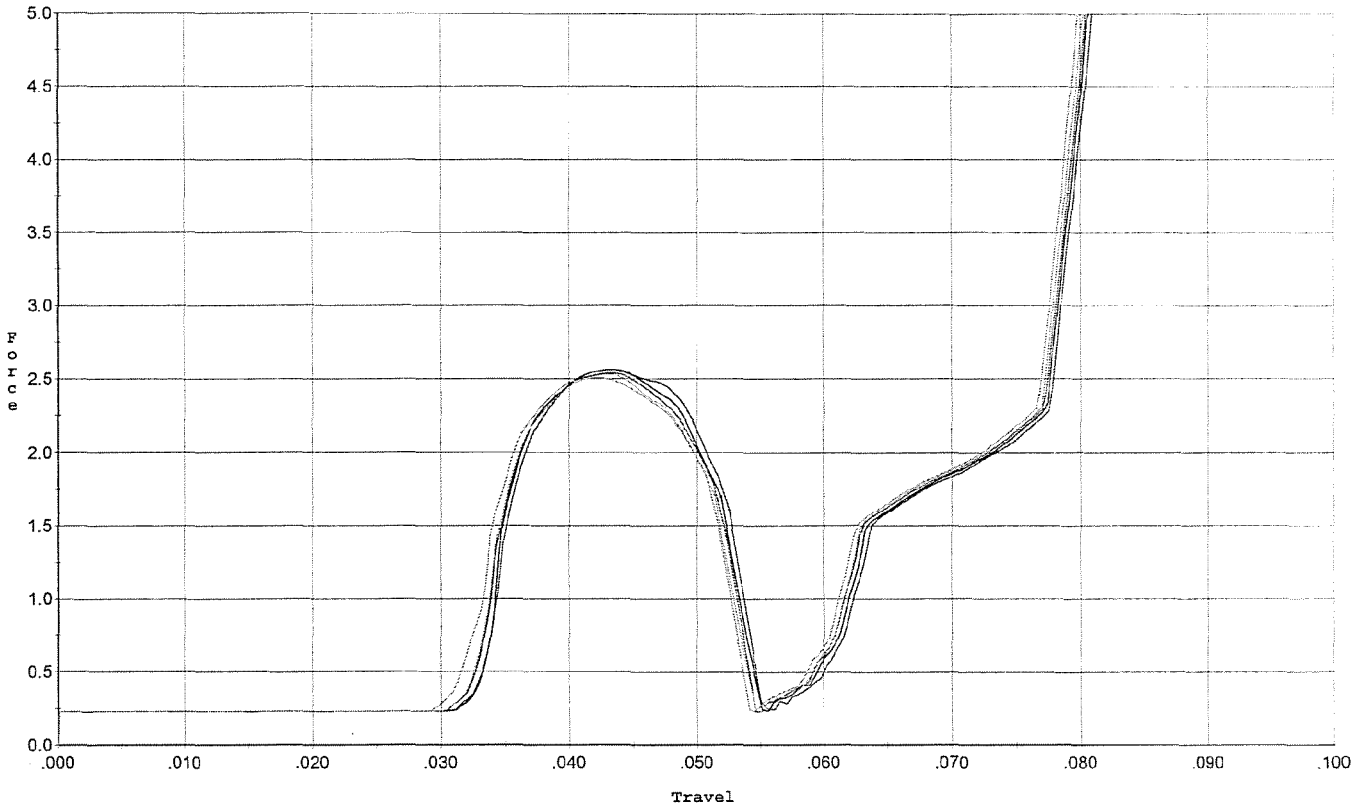
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.985	0.053	0.032	0.033	0.078		Set Trigger
2	3.985	0.053	0.032	0.033	0.077		Set Trigger
3	3.954	0.053	0.032	0.032	0.079		Set Trigger
4	3.926	0.052	0.031	0.032	0.077		Set Trigger
5	3.961	0.053	0.032	0.032	0.079		Set Trigger

Avg 3.96

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 2/15/2008 7:20:39 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	reset to 2.5 lbs. +/- .50 lbs. for final test
Note:	R. Putch 2/15/08		



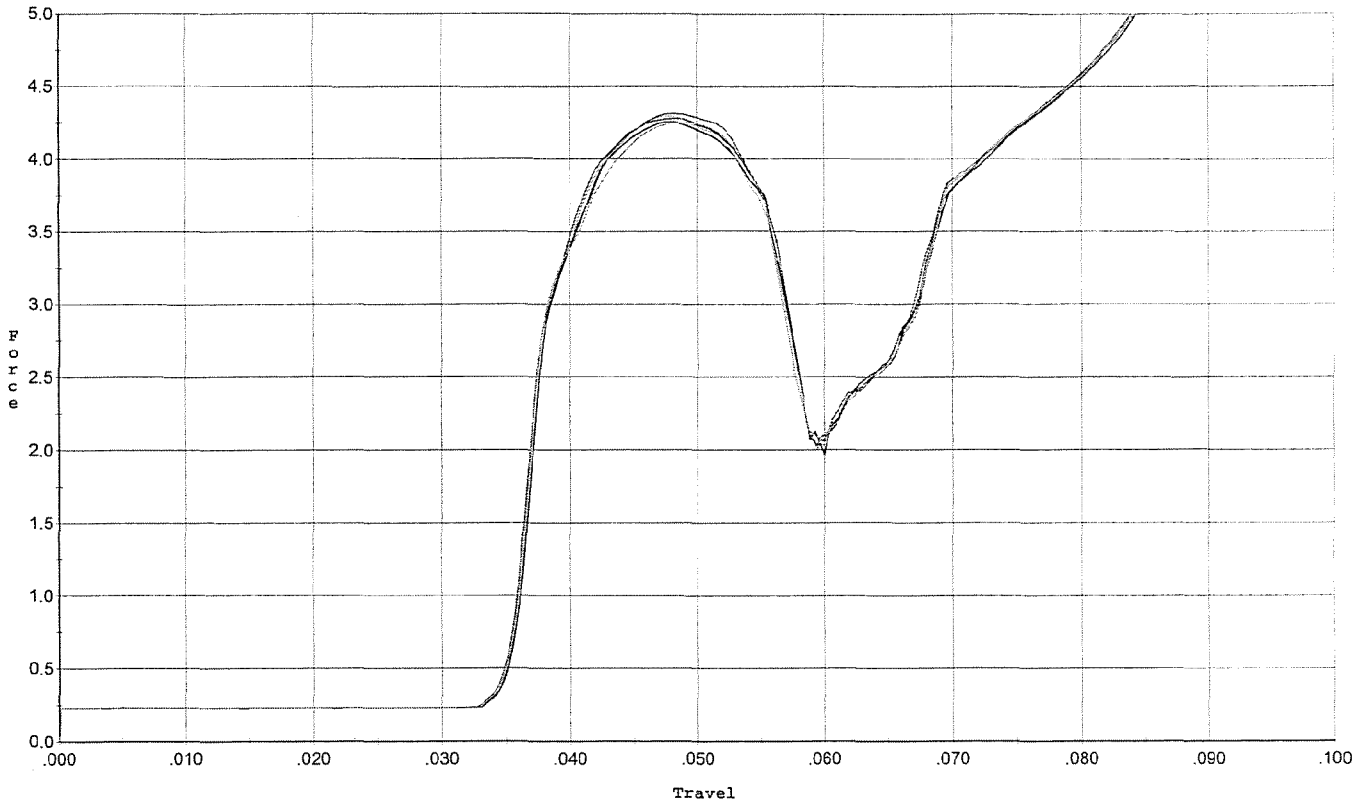
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.563	0.053	0.033	0.034	0.050		Set Trigger
2	2.561	0.052	0.033	0.035	0.049		Set Trigger
3	2.540	0.052	0.032	0.034	0.049		Set Trigger
4	2.532	0.051	0.032	0.034	0.048		Set Trigger
5	2.510	0.052	0.031	0.034	0.049		Set Trigger

Avg 2.54

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 2/15/2008 7:25:45 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy
Note:	R. Putch 2/15/08		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.277	0.056	0.035	0.032	0.087		Set Trigger
2	4.254	0.057	0.035	0.032	0.086		Set Trigger
3	4.310	0.057	0.034	0.032	0.088		Set Trigger
4	4.293	0.056	0.034	0.033	0.085		Set Trigger
5	4.250	0.055	0.034	0.033	0.084		Set Trigger

Avg 4.27

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 2/15/2008 7:27:41 AM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348912.__0
FILE DATE AND TIME: 03/04/2008 10:45

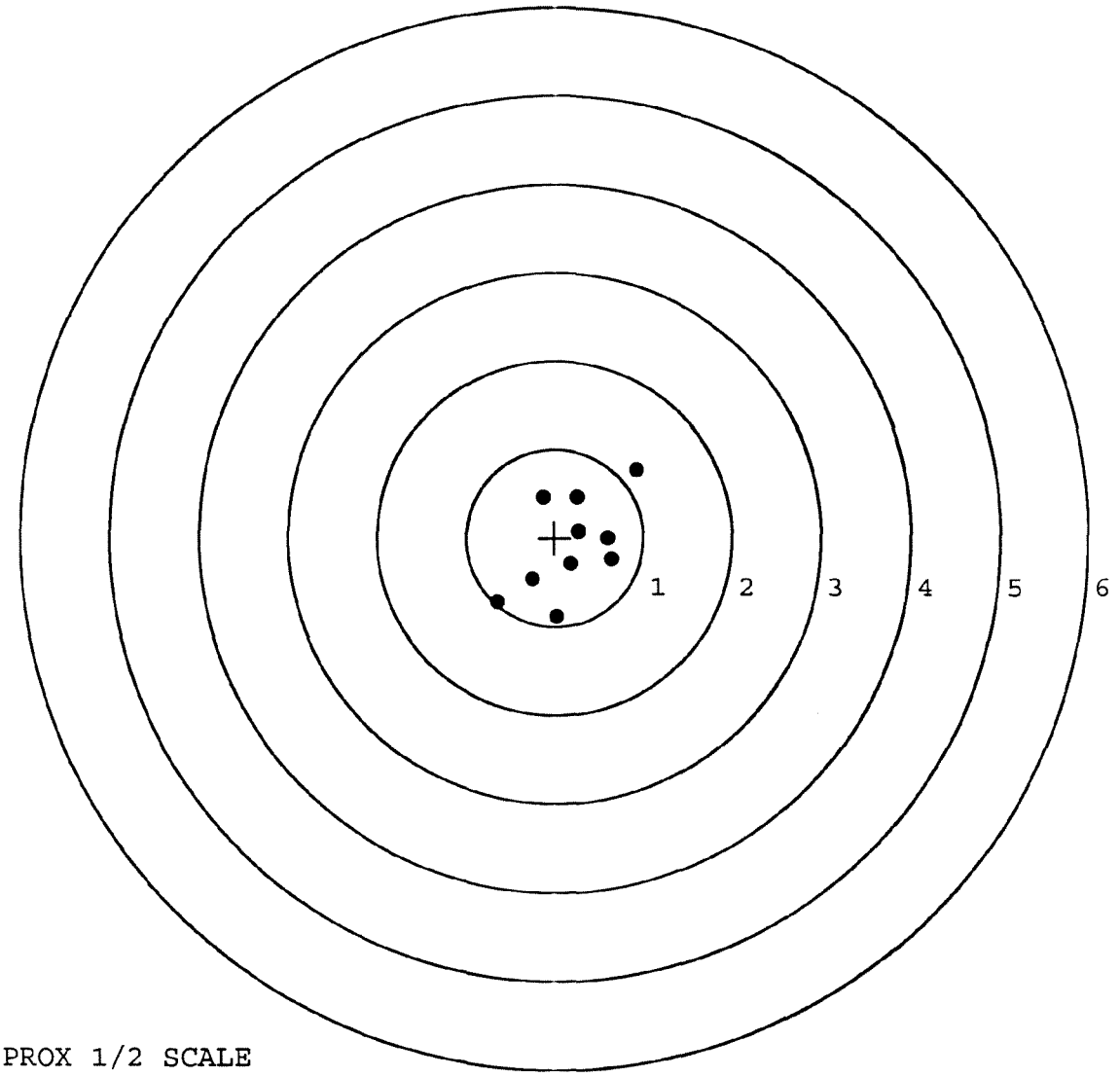
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.050
The Average Y Centroid of the Five Target Set:	-0.040
The Average Point of Impact of the Five Target Set:	0.064
The Average Mean Radius of the Five Target Set:	0.549
The Distance from POA to Centroid Target #1:	0.204
The Distance from Centroid Target #2 to Centroid Target #1:	0.301
The Distance from Centroid Target #3 to Centroid Target #1:	0.196
The Distance from Centroid Target #4 to Centroid Target #1:	0.298
The Distance from Centroid Target #5 to Centroid Target #1:	0.406

SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 1
FILE DATE: 03/04/2008
FILE TIME: 10:45

X CENTROID:	0.184
Y CENTROID:	-0.086
POA TO CENTROID:	0.204
HORZ SPREAD:	1.574
VERT SPREAD:	1.663
GROUP SPREAD:	2.173
MIN RADIUS:	0.181
MAX RADIUS:	1.128
MEAN RADIUS:	0.609
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.138	0.458
2:	0.253	0.462
3:	0.922	0.767
4:	0.606	0.004
5:	0.263	0.077
6:	0.642	-0.235
7:	0.184	-0.297
8:	-0.259	-0.471
9:	-0.652	-0.731
10:	0.024	-0.896

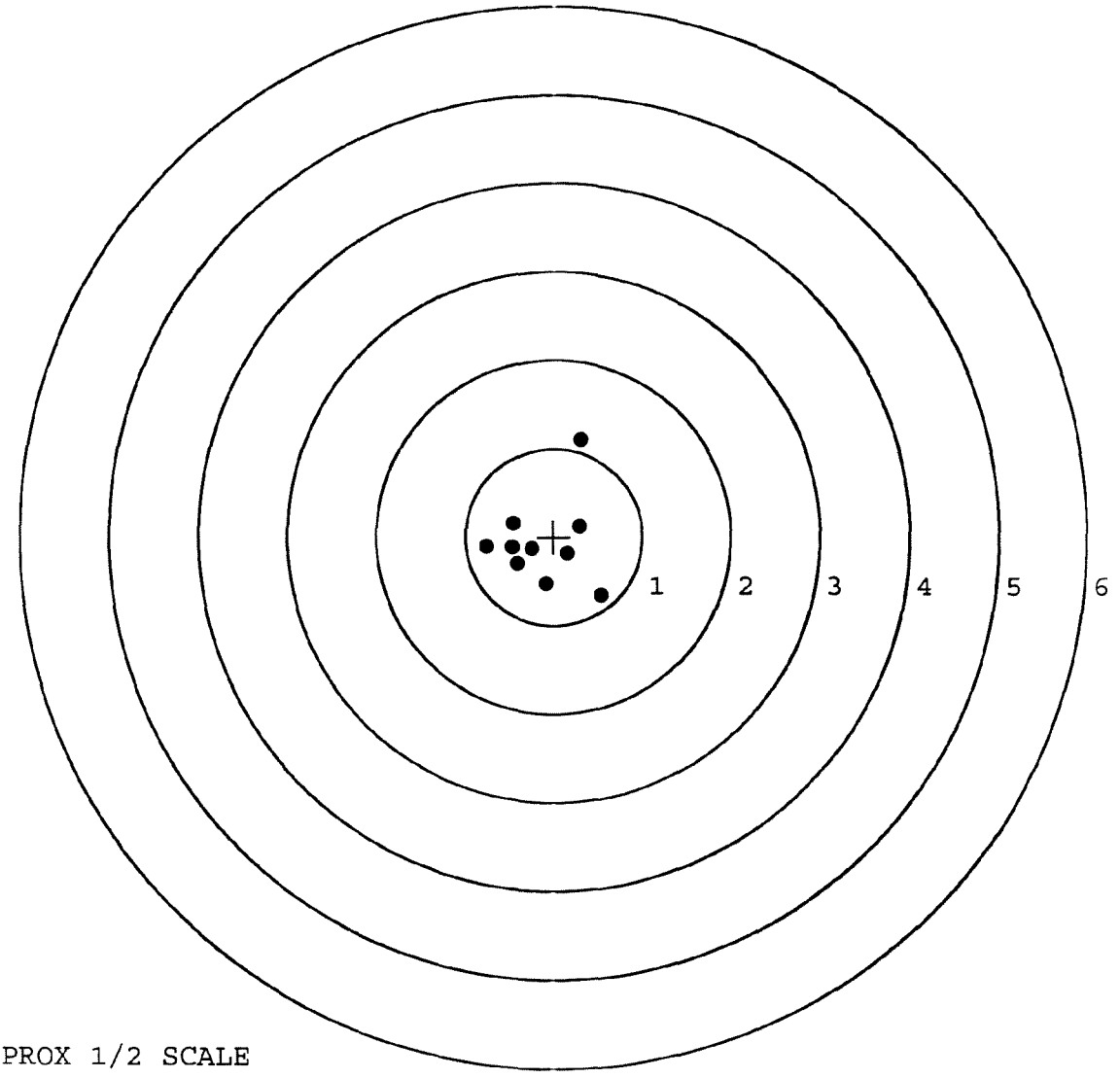


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 2
FILE DATE: 03/04/2008
FILE TIME: 10:45

X CENTROID:	-0.116
Y CENTROID:	-0.072
POA TO CENTROID:	0.137
HORZ SPREAD:	1.294
VERT SPREAD:	1.759
GROUP SPREAD:	1.774
MIN RADIUS:	0.147
MAX RADIUS:	1.241
MEAN RADIUS:	0.528
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.756	-0.120
2:	-0.465	0.149
3:	-0.249	-0.134
4:	-0.419	-0.313
5:	-0.089	-0.540
6:	0.538	-0.664
7:	0.157	-0.188
8:	0.290	0.115
9:	0.305	1.095
10:	-0.470	-0.123

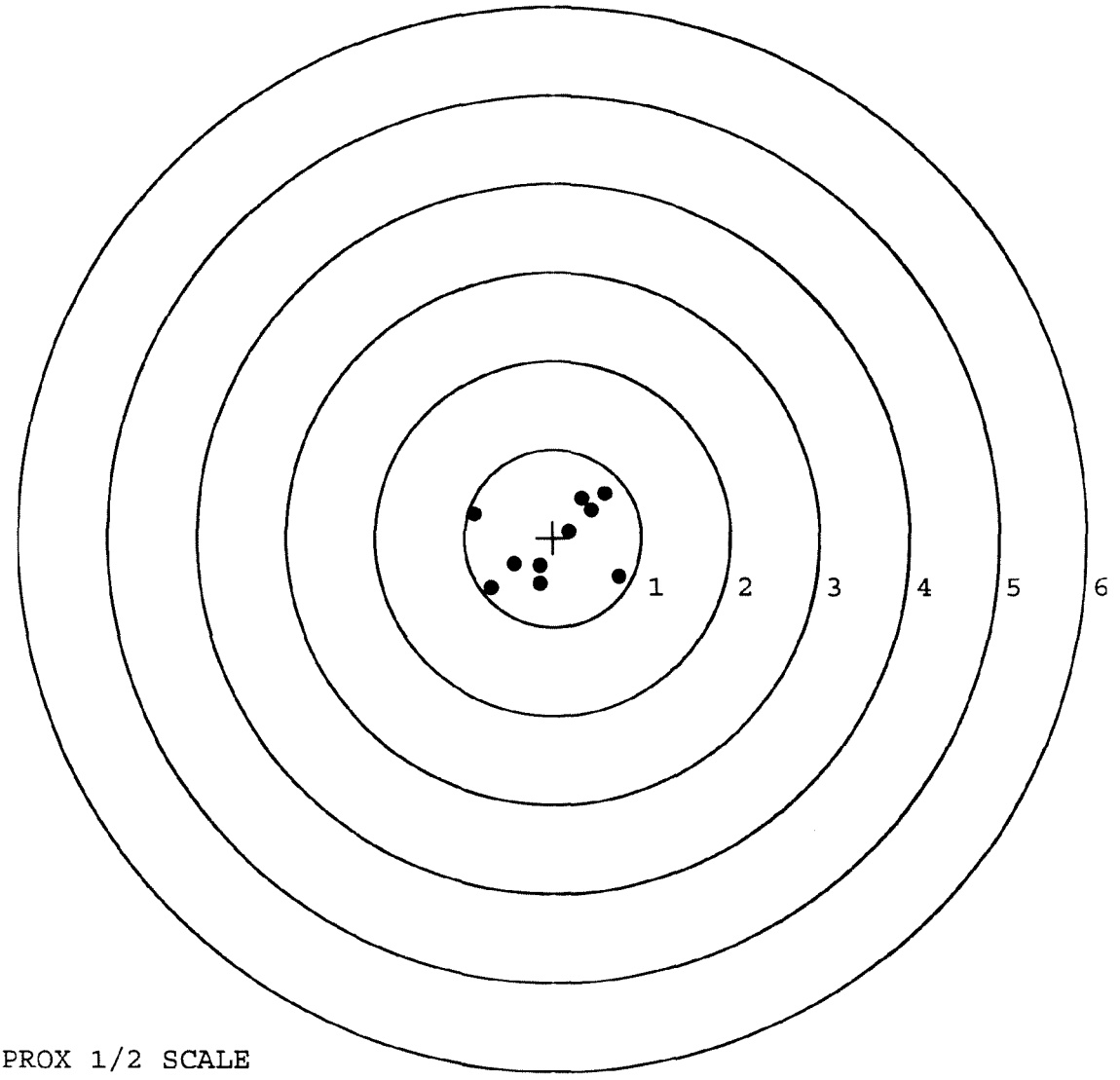


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 3
FILE DATE: 03/04/2008
FILE TIME: 10:45

X CENTROID:	-0.009
Y CENTROID:	-0.053
POA TO CENTROID:	0.054
HORZ SPREAD:	1.636
VERT SPREAD:	1.067
GROUP SPREAD:	1.782
MIN RADIUS:	0.227
MAX RADIUS:	0.941
MEAN RADIUS:	0.615
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.892	0.271
2:	-0.445	-0.300
3:	-0.703	-0.563
4:	-0.153	-0.522
5:	-0.153	-0.320
6:	0.183	0.068
7:	0.322	0.449
8:	0.582	0.504
9:	0.744	-0.435
10:	0.427	0.318

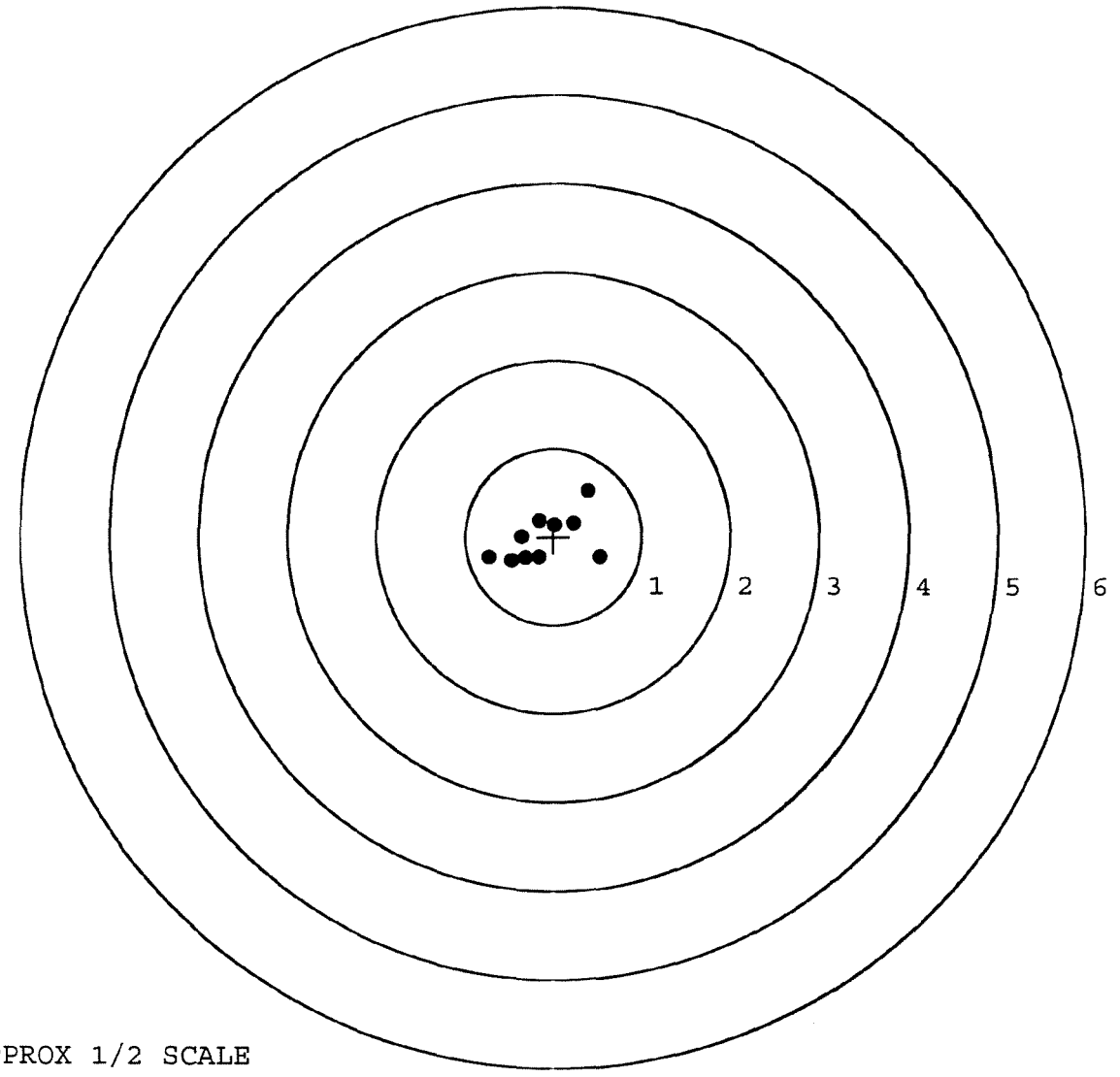


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 4
FILE DATE: 03/04/2008
FILE TIME: 10:45

X CENTROID:	-0.106
Y CENTROID:	-0.020
POA TO CENTROID:	0.108
HORZ SPREAD:	1.255
VERT SPREAD:	0.799
GROUP SPREAD:	1.350
MIN RADIUS:	0.202
MAX RADIUS:	0.736
MEAN RADIUS:	0.408
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.387	0.526
2:	0.224	0.155
3:	0.017	0.140
4:	-0.161	0.182
5:	-0.363	-0.002
6:	-0.727	-0.236
7:	-0.479	-0.273
8:	-0.321	-0.237
9:	-0.169	-0.230
10:	0.528	-0.220

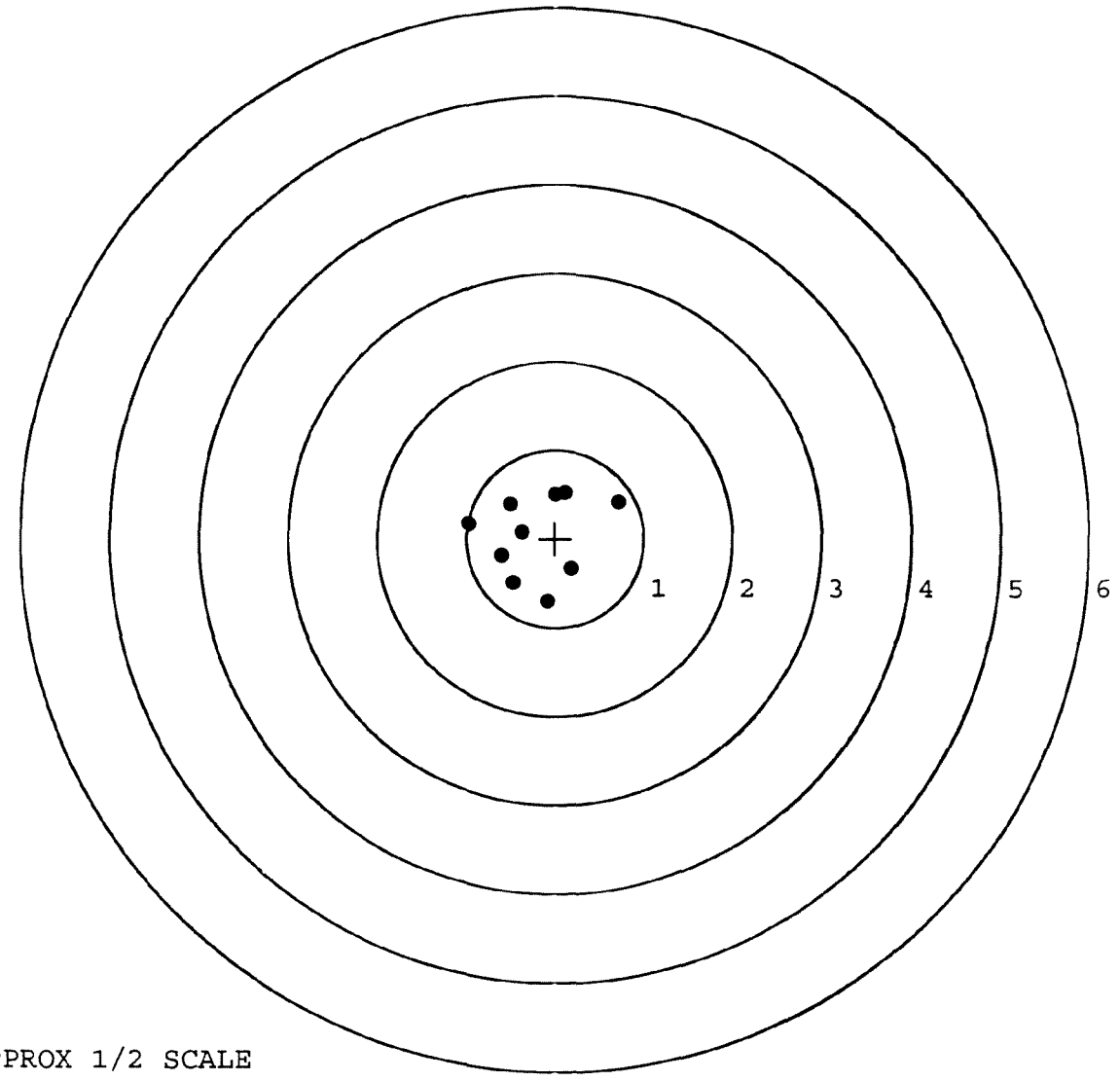


TARGET APPROX 1/2 SCALE

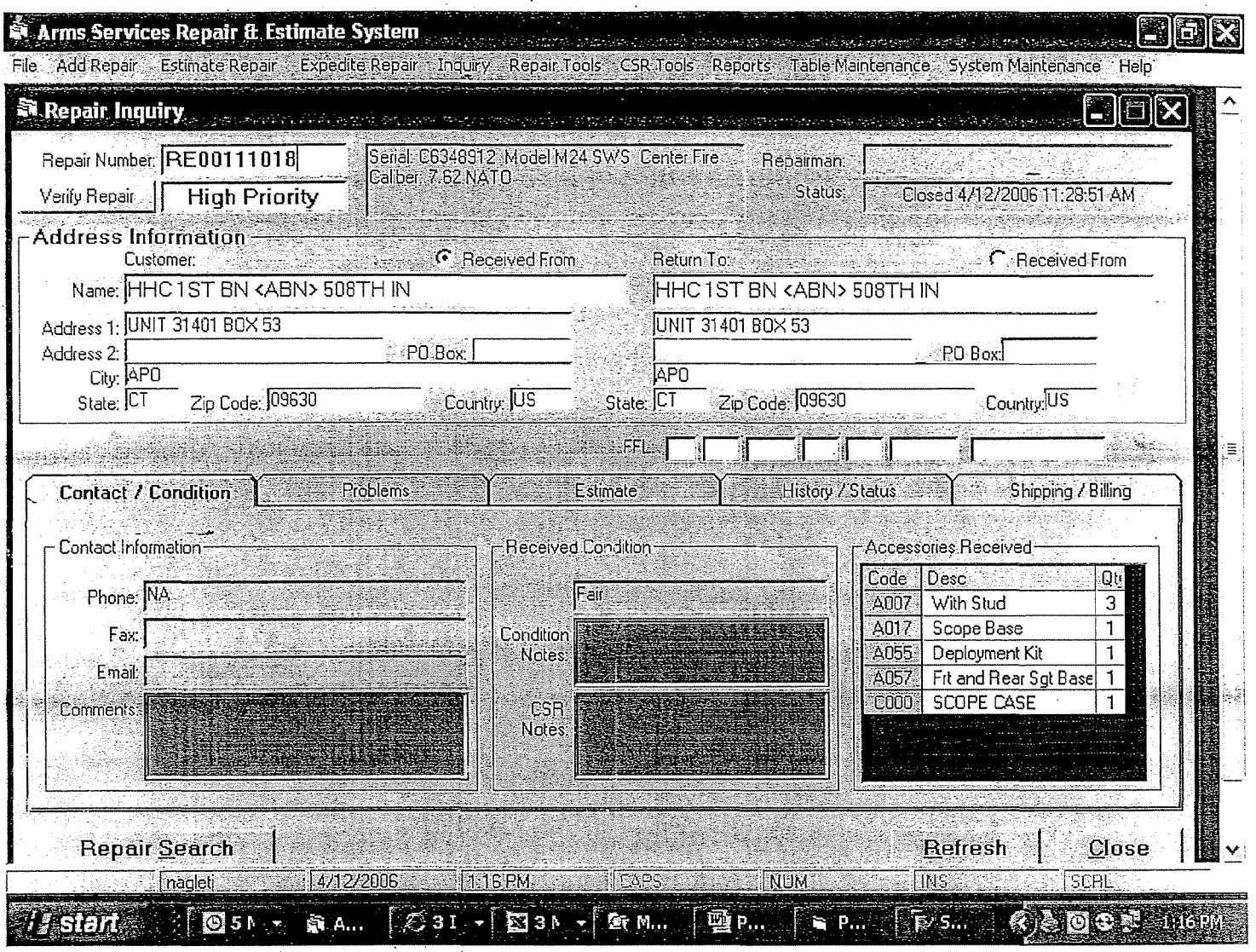
SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 5
FILE DATE: 03/04/2008
FILE TIME: 10:45

X CENTROID:	-0.203
Y CENTROID:	0.033
POA TO CENTROID:	0.206
HORZ SPREAD:	1.697
VERT SPREAD:	1.227
GROUP SPREAD:	1.715
MIN RADIUS:	0.185
MAX RADIUS:	0.997
MEAN RADIUS:	0.586
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.718	0.415
2:	0.111	0.514
3:	-0.006	0.497
4:	-0.508	0.393
5:	-0.979	0.170
6:	-0.601	-0.189
7:	-0.384	0.074
8:	-0.478	-0.496
9:	-0.090	-0.713
10:	0.185	-0.335



TARGET APPROX 1/2 SCALE


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: RE00111018
Verify Repair
High Priority
Serial: C6348912 Model M24 SWS Center Fire
Caliber: 7.62 NATO
Repairman:
Status: Closed 4/12/2006 11:28:51 AM
Address Information
Customer:
Received From
Name: HHC 1ST BN <ABN> 508TH IN
Address 1: UNIT 31401 BOX 53
Address 2:
PO Box:
City: APO
State: CT Zip Code: 09630 Country: US
Return To:
Received From
HHC 1ST BN <ABN> 508TH IN
UNIT 31401 BOX 53
PO Box:
APO
State: CT Zip Code: 09630 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
A017 Scope Base 1
A055 Deployment Kit 1
A057 Frt and Rear Sgt Base 1
C000 SCOPE CASE 1
Repair Search
Refresh
Close
nagleti
4/12/2006
1:16 PM
CAPS
NUM
INS
SCRL
start
1:16 PM


Serial Number: C6348912
Model: M24 SWS
RE00111018

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348912.__0
FILE DATE AND TIME: 08/01/2002 13:32

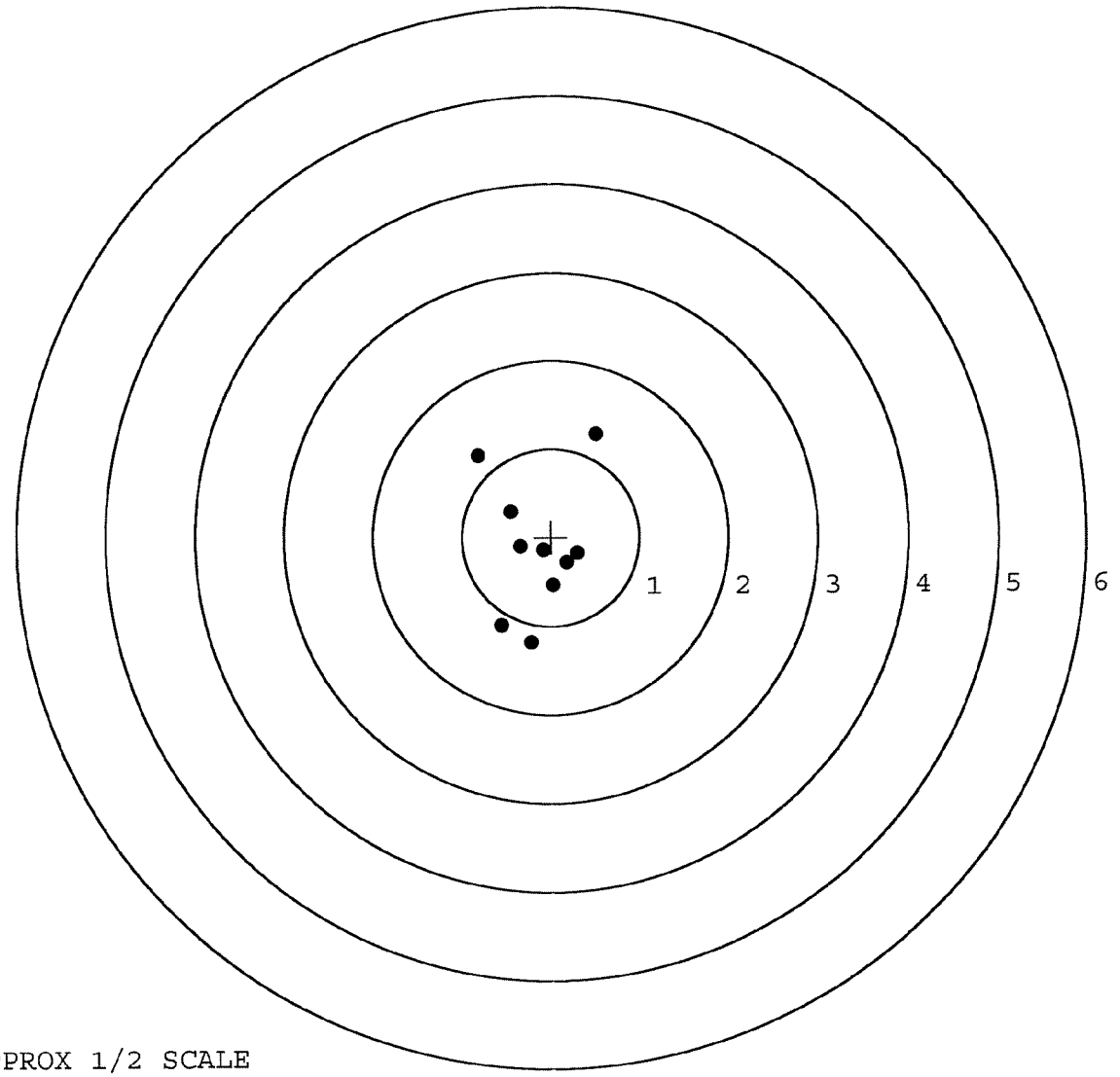
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.008
The Average Y Centroid of the Five Target Set:	0.037
The Average Point of Impact of the Five Target Set:	0.038
The Average Mean Radius of the Five Target Set:	0.646
The Distance from POA to Centroid Target #1:	0.184
The Distance from Centroid Target #2 to Centroid Target #1:	0.333
The Distance from Centroid Target #3 to Centroid Target #1:	0.435
The Distance from Centroid Target #4 to Centroid Target #1:	0.155
The Distance from Centroid Target #5 to Centroid Target #1:	0.325

SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 1
FILE DATE: 08/01/2002
FILE TIME: 13:32

X CENTROID:	-0.150
Y CENTROID:	-0.108
POA TO CENTROID:	0.184
HORZ SPREAD:	1.331
VERT SPREAD:	2.353
GROUP SPREAD:	2.469
MIN RADIUS:	0.072
MAX RADIUS:	1.436
MEAN RADIUS:	0.680
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.233	-1.188
2:	-0.565	-0.995
3:	0.515	1.165
4:	-0.816	0.925
5:	-0.458	0.289
6:	0.298	-0.181
7:	0.177	-0.292
8:	-0.091	-0.149
9:	-0.348	-0.109
10:	0.023	-0.540

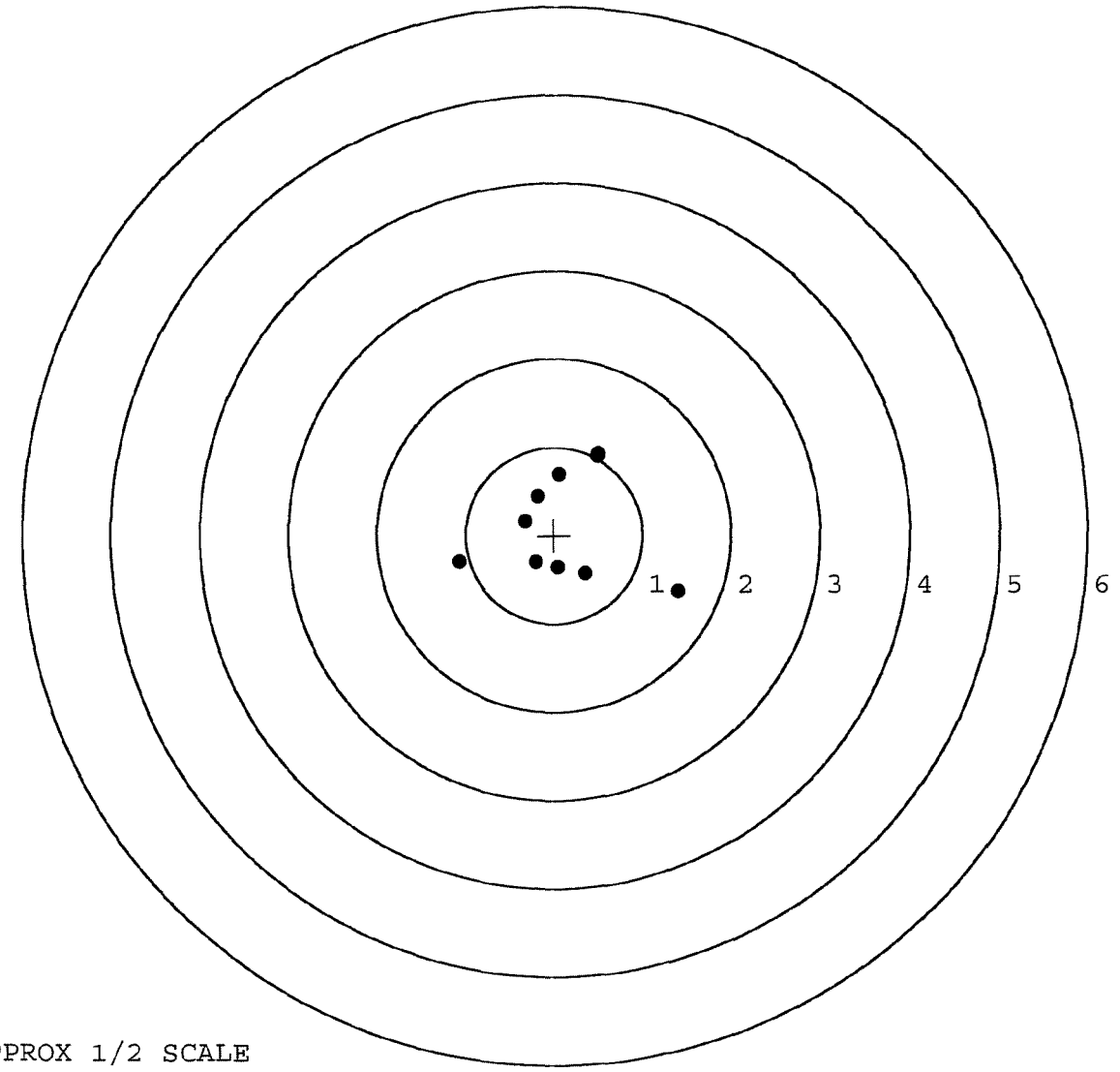


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 2
FILE DATE: 08/01/2002
FILE TIME: 13:32

X CENTROID:	0.105
Y CENTROID:	0.107
POA TO CENTROID:	0.150
HORZ SPREAD:	2.474
VERT SPREAD:	1.563
GROUP SPREAD:	2.496
MIN RADIUS:	0.444
MAX RADIUS:	1.498
MEAN RADIUS:	0.763
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.405	-0.636
2:	0.498	0.927
3:	-1.069	-0.307
4:	0.356	-0.436
5:	0.043	-0.369
6:	-0.212	-0.312
7:	-0.337	0.158
8:	-0.190	0.445
9:	0.058	0.698
10:	0.493	0.903

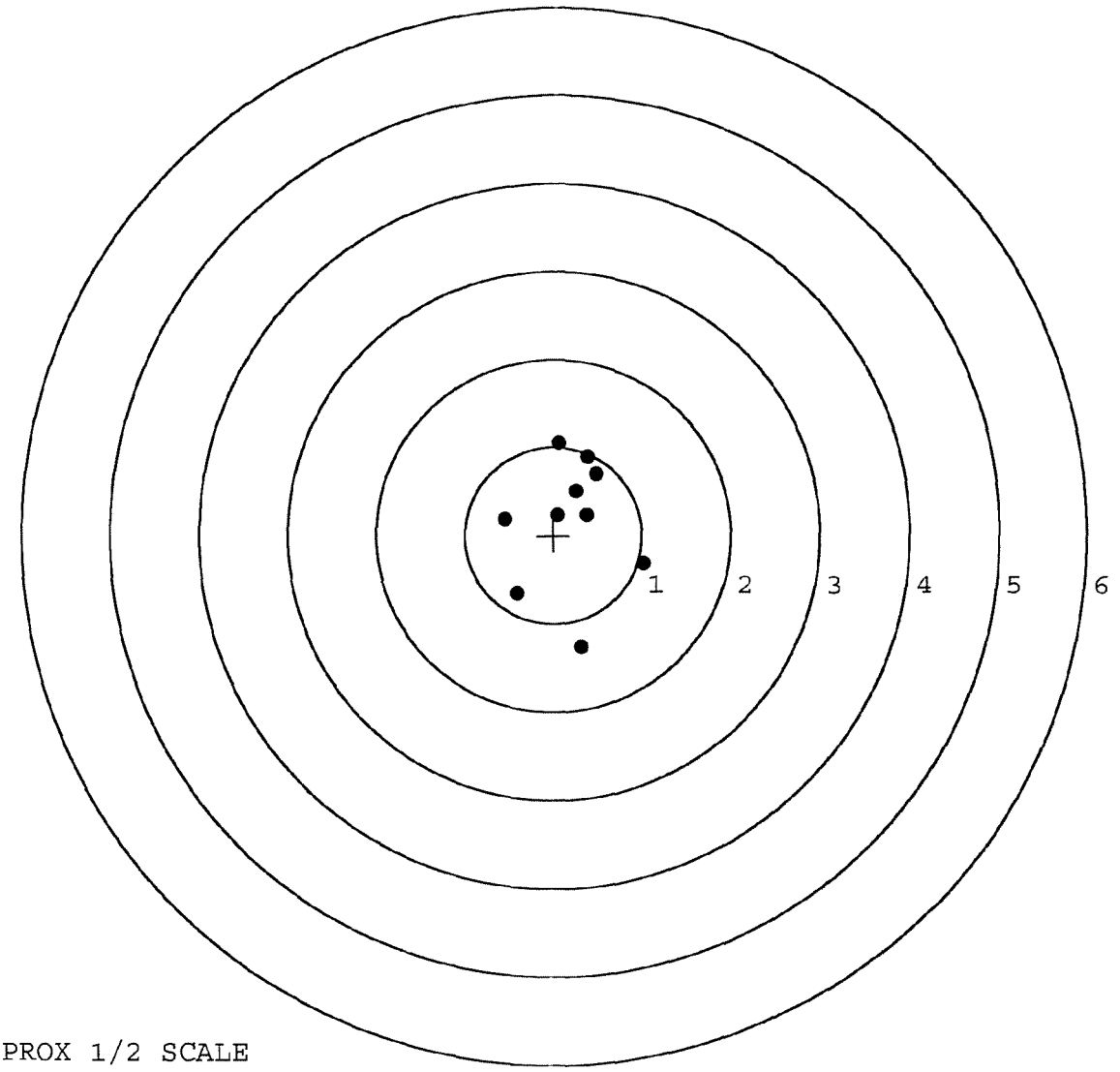


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 3
FILE DATE: 08/01/2002
FILE TIME: 13:32

X CENTROID:	0.198
Y CENTROID:	0.153
POA TO CENTROID:	0.251
HORZ SPREAD:	1.580
VERT SPREAD:	2.317
GROUP SPREAD:	2.332
MIN RADIUS:	0.167
MAX RADIUS:	1.432
MEAN RADIUS:	0.714
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.323	-1.273
2:	-0.408	-0.662
3:	1.024	-0.318
4:	-0.556	0.180
5:	0.474	0.696
6:	0.384	0.892
7:	0.060	1.044
8:	0.374	0.239
9:	0.256	0.500
10:	0.052	0.233

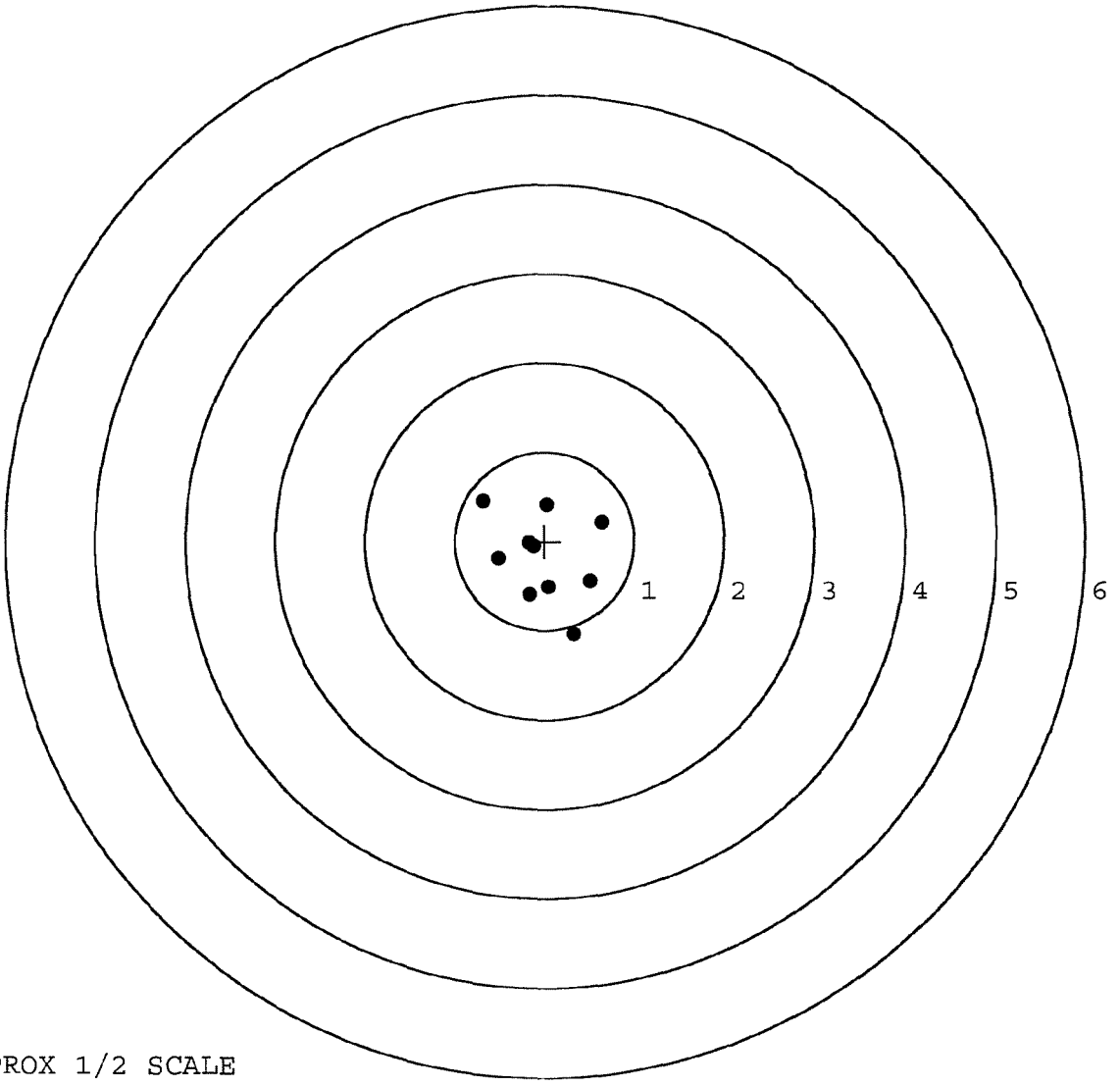


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 4
FILE DATE: 08/01/2002
FILE TIME: 13:32

X CENTROID:	-0.013
Y CENTROID:	-0.181
POA TO CENTROID:	0.181
HORZ SPREAD:	1.328
VERT SPREAD:	1.496
GROUP SPREAD:	1.809
MIN RADIUS:	0.168
MAX RADIUS:	0.933
MEAN RADIUS:	0.549
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.329	-1.049
2:	0.508	-0.450
3:	0.640	0.219
4:	0.021	0.411
5:	-0.688	0.447
6:	-0.126	-0.056
7:	0.046	-0.514
8:	-0.173	-0.601
9:	-0.515	-0.199
10:	-0.176	-0.017

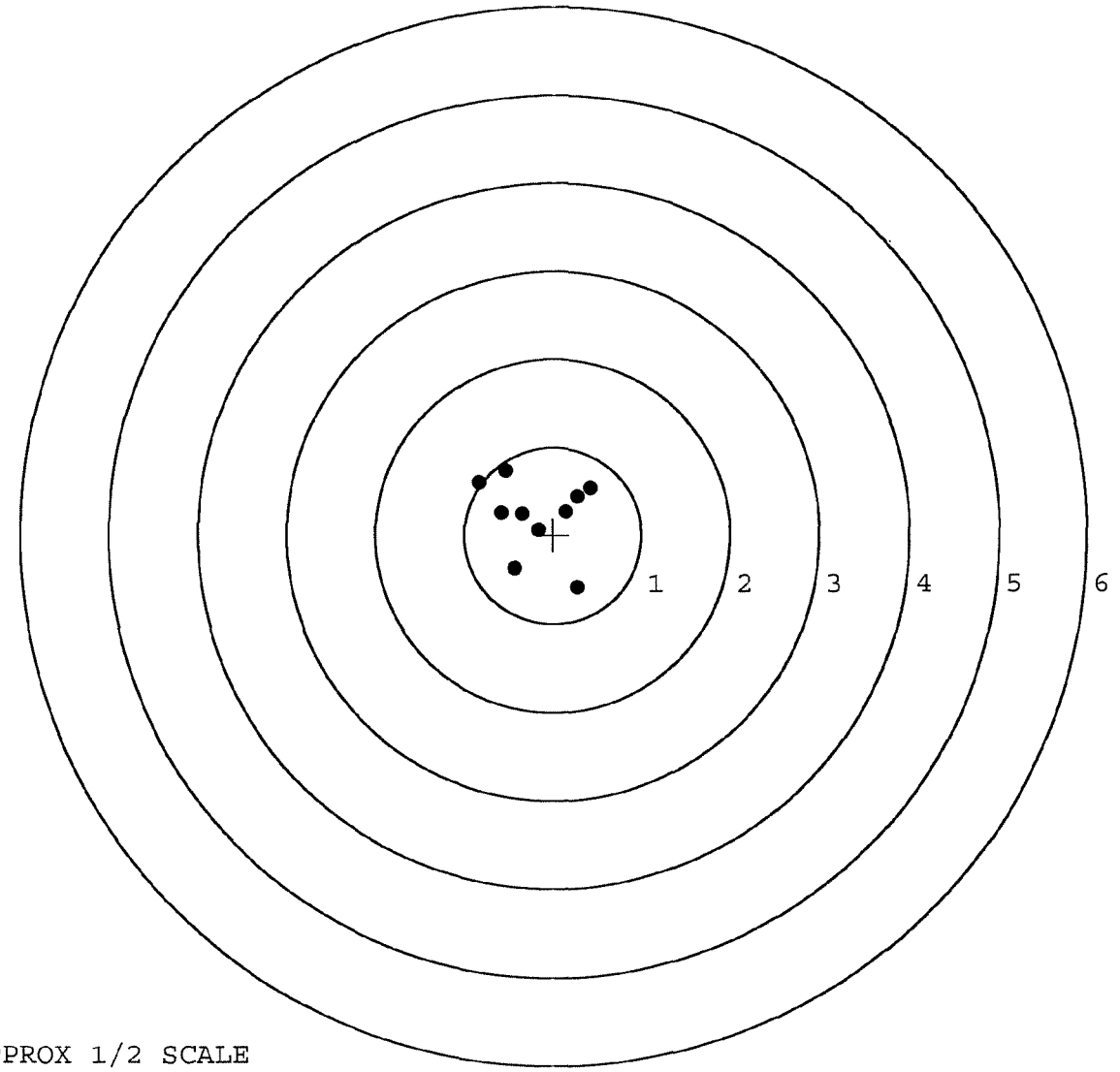


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 5
FILE DATE: 08/01/2002
FILE TIME: 13:32

X CENTROID:	-0.180
Y CENTROID:	0.216
POA TO CENTROID:	0.281
HORZ SPREAD:	1.260
VERT SPREAD:	1.337
GROUP SPREAD:	1.640
MIN RADIUS:	0.161
MAX RADIUS:	0.934
MEAN RADIUS:	0.525
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.278	-0.598
2:	-0.438	-0.384
3:	0.424	0.535
4:	0.274	0.444
5:	0.143	0.260
6:	-0.535	0.739
7:	-0.836	0.606
8:	-0.591	0.258
9:	-0.354	0.241
10:	-0.166	0.055

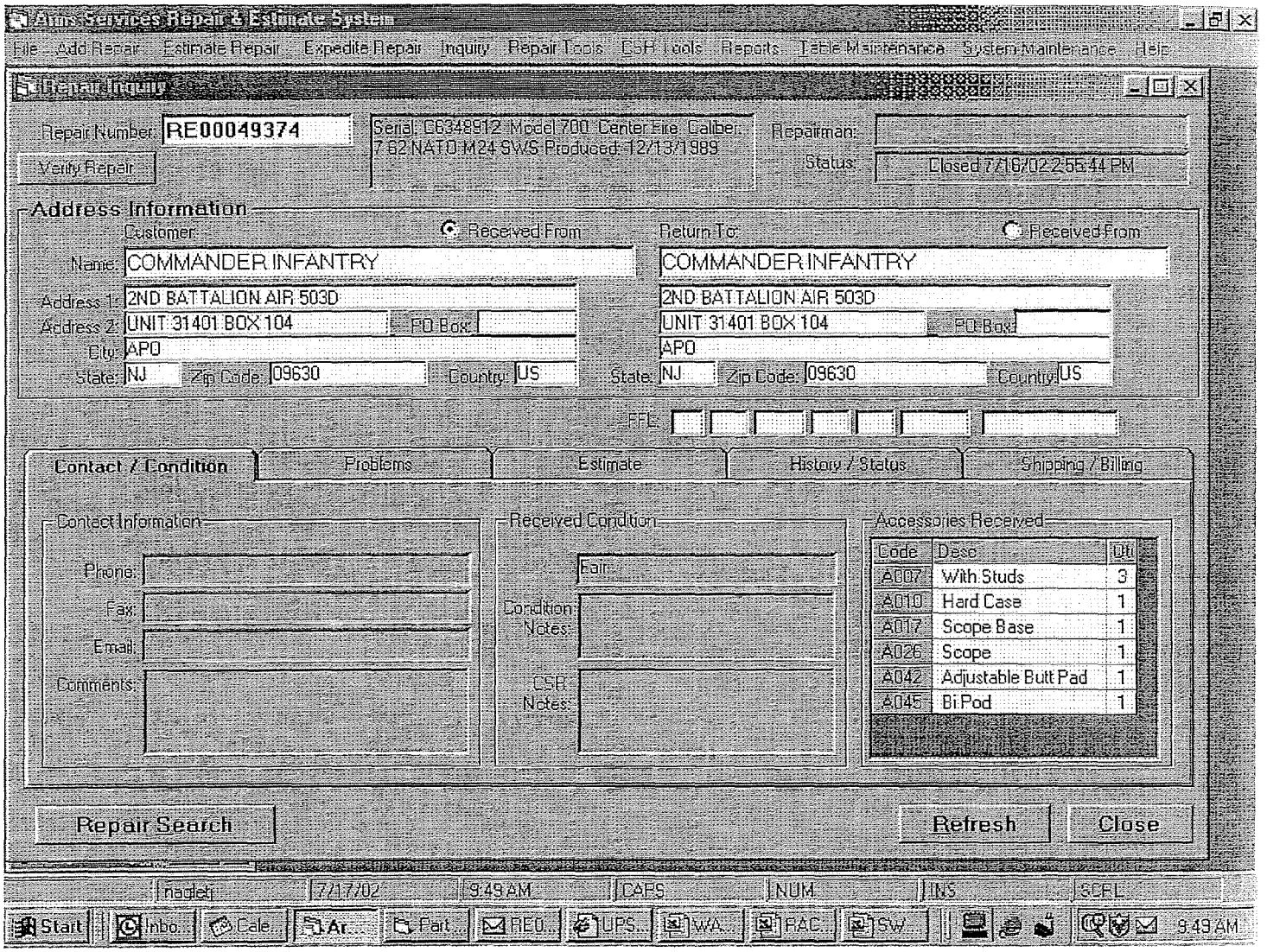


TARGET APPROX 1/2 SCALE

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

R & E NUMBER	111018
SERIAL NUMBER	C1348912
LOG-IN DATE	4-12-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-17-06	RTC
505	RE-BARREL		4-20-06	RTC
560	ASSEMBLE		4-20-06	RTC
600	PROOF	MAGNA-FLUX INSPECTED	4-20-06	RTC
605	CHECK HEADSPACE	APR 21 2006	4-20-06	RTC
610	DIS-ASSEMBLE GUN		4-20-06	RTC
612	MAGNAFLUX	OPERATOR	4/21/06	
510	DRILL AND TAP		4-21-06	TRW
615	ROLLMARK CALIBER		4-21-06	CW
618	ROTO-BLAST		4-21-06	LB
620	APPLY COATINGS		4/25/06	TB
625	FINAL ASSEMBLY		4-27-06	RTC
640	FUNCTION TEST AND	PASS FAIL		
650	TARGET	PASS FAIL	5-2-06	L.P.R.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		5-3-06	AC
	A) HEADSPACE	PASS FAIL	5-8-06	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)	2 lbs 2 lbs 2 lbs		AC
	I) FIRING PIN INDENT (.020)	.023 .023 .023		AC
690	PACK		5-10-06	AC



Serial Number: C6348912

Model: 700

RE00049374

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348912.__0
FILE DATE AND TIME: 08/01/2002 13:32

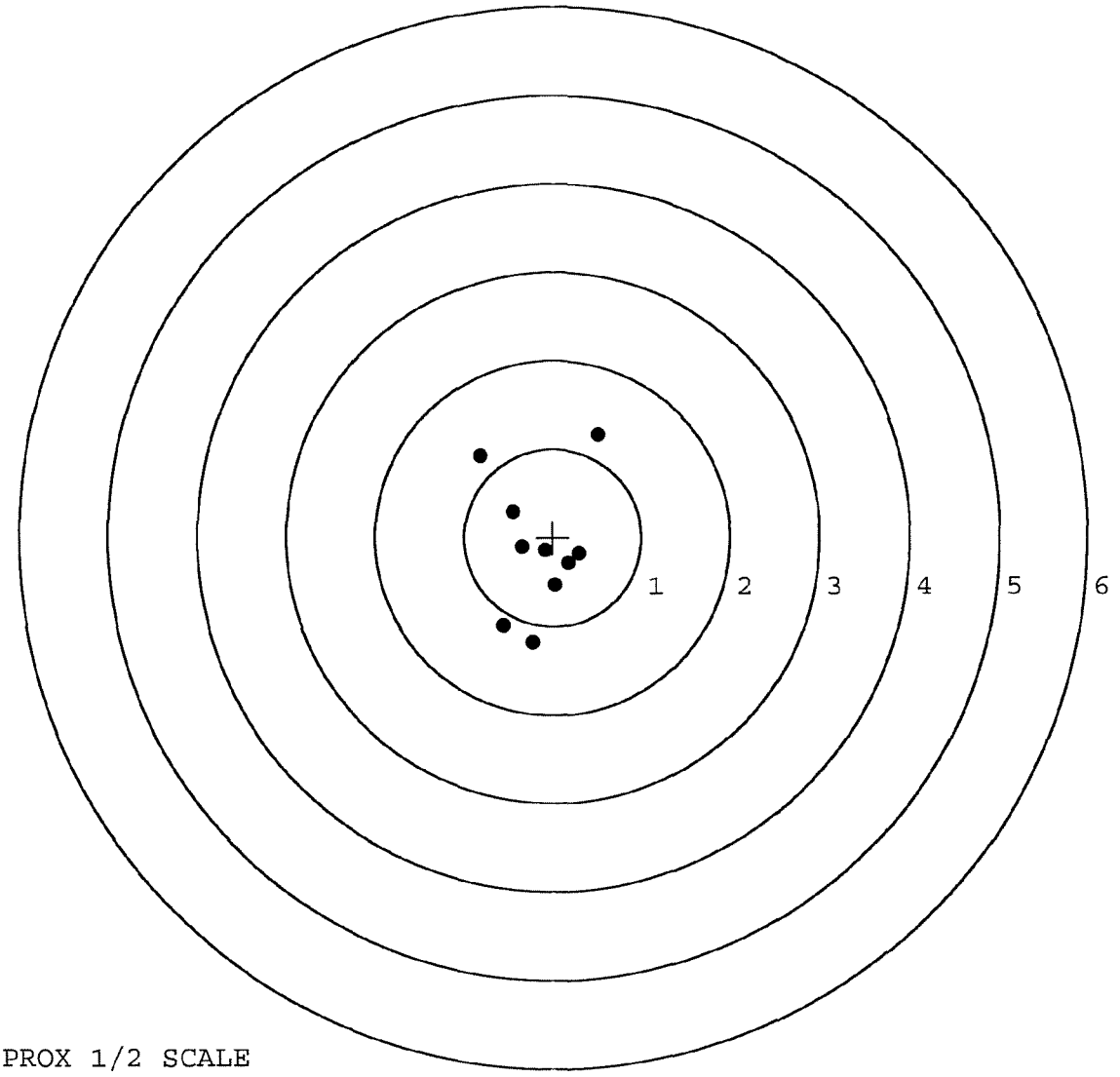
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.008
The Average Y Centroid of the Five Target Set:	0.037
The Average Point of Impact of the Five Target Set:	0.038
The Average Mean Radius of the Five Target Set:	0.646
The Distance from POA to Centroid Target #1:	0.184
The Distance from Centroid Target #2 to Centroid Target #1:	0.333
The Distance from Centroid Target #3 to Centroid Target #1:	0.435
The Distance from Centroid Target #4 to Centroid Target #1:	0.155
The Distance from Centroid Target #5 to Centroid Target #1:	0.325

SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 1
FILE DATE: 08/01/2002
FILE TIME: 13:32

X CENTROID:	-0.150
Y CENTROID:	-0.108
POA TO CENTROID:	0.184
HORZ SPREAD:	1.331
VERT SPREAD:	2.353
GROUP SPREAD:	2.469
MIN RADIUS:	0.072
MAX RADIUS:	1.436
MEAN RADIUS:	0.680
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.233	-1.188
2:	-0.565	-0.995
3:	0.515	1.165
4:	-0.816	0.925
5:	-0.458	0.289
6:	0.298	-0.181
7:	0.177	-0.292
8:	-0.091	-0.149
9:	-0.348	-0.109
10:	0.023	-0.540

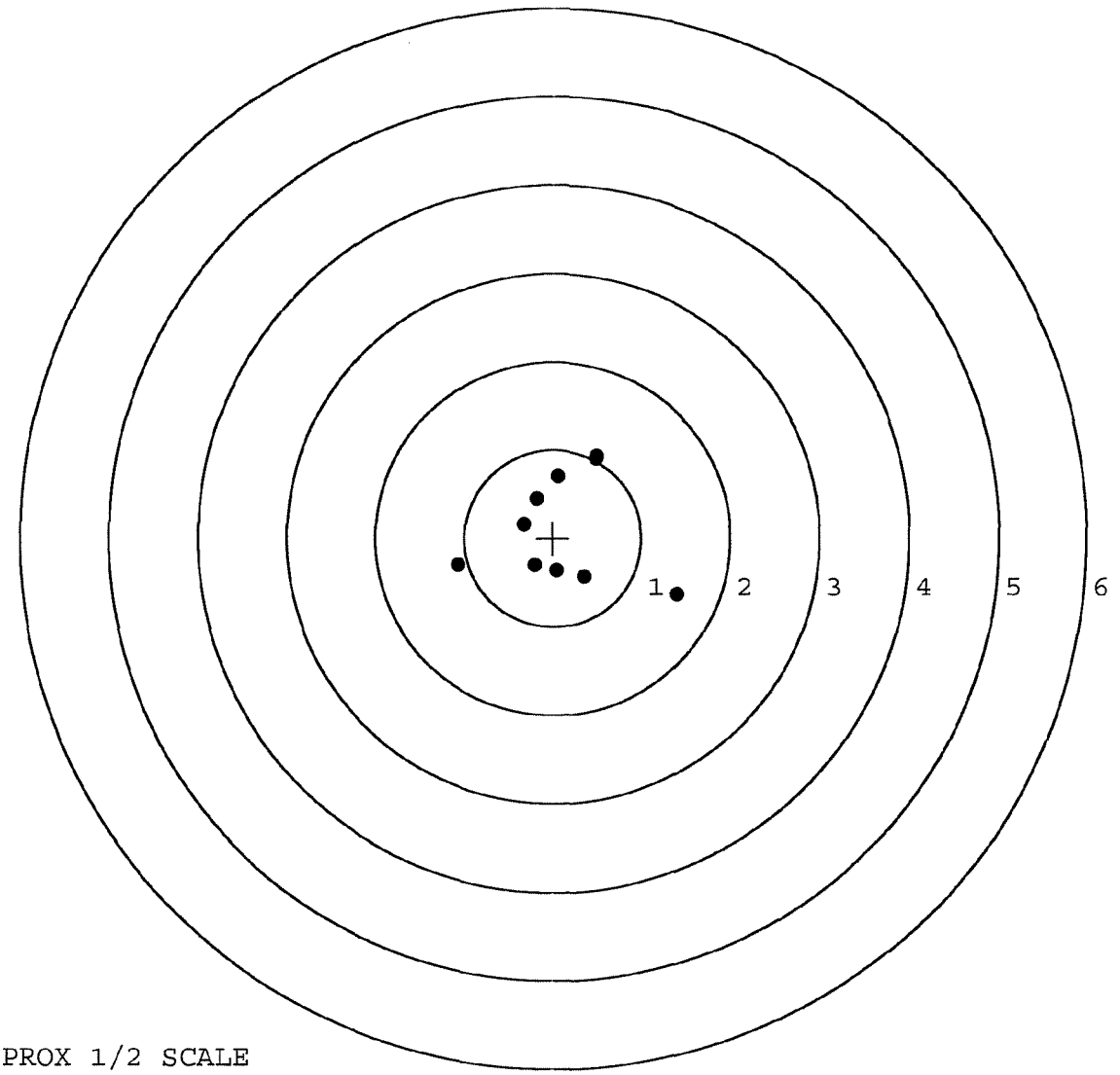


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 2
FILE DATE: 08/01/2002
FILE TIME: 13:32

X CENTROID:	0.105
Y CENTROID:	0.107
POA TO CENTROID:	0.150
HORZ SPREAD:	2.474
VERT SPREAD:	1.563
GROUP SPREAD:	2.496
MIN RADIUS:	0.444
MAX RADIUS:	1.498
MEAN RADIUS:	0.763
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.405	-0.636
2:	0.498	0.927
3:	-1.069	-0.307
4:	0.356	-0.436
5:	0.043	-0.369
6:	-0.212	-0.312
7:	-0.337	0.158
8:	-0.190	0.445
9:	0.058	0.698
10:	0.493	0.903



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 3
FILE DATE: 08/01/2002
FILE TIME: 13:32

X CENTROID:	0.198
Y CENTROID:	0.153
POA TO CENTROID:	0.251
HORZ SPREAD:	1.580
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# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

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4:	-0.556	0.180
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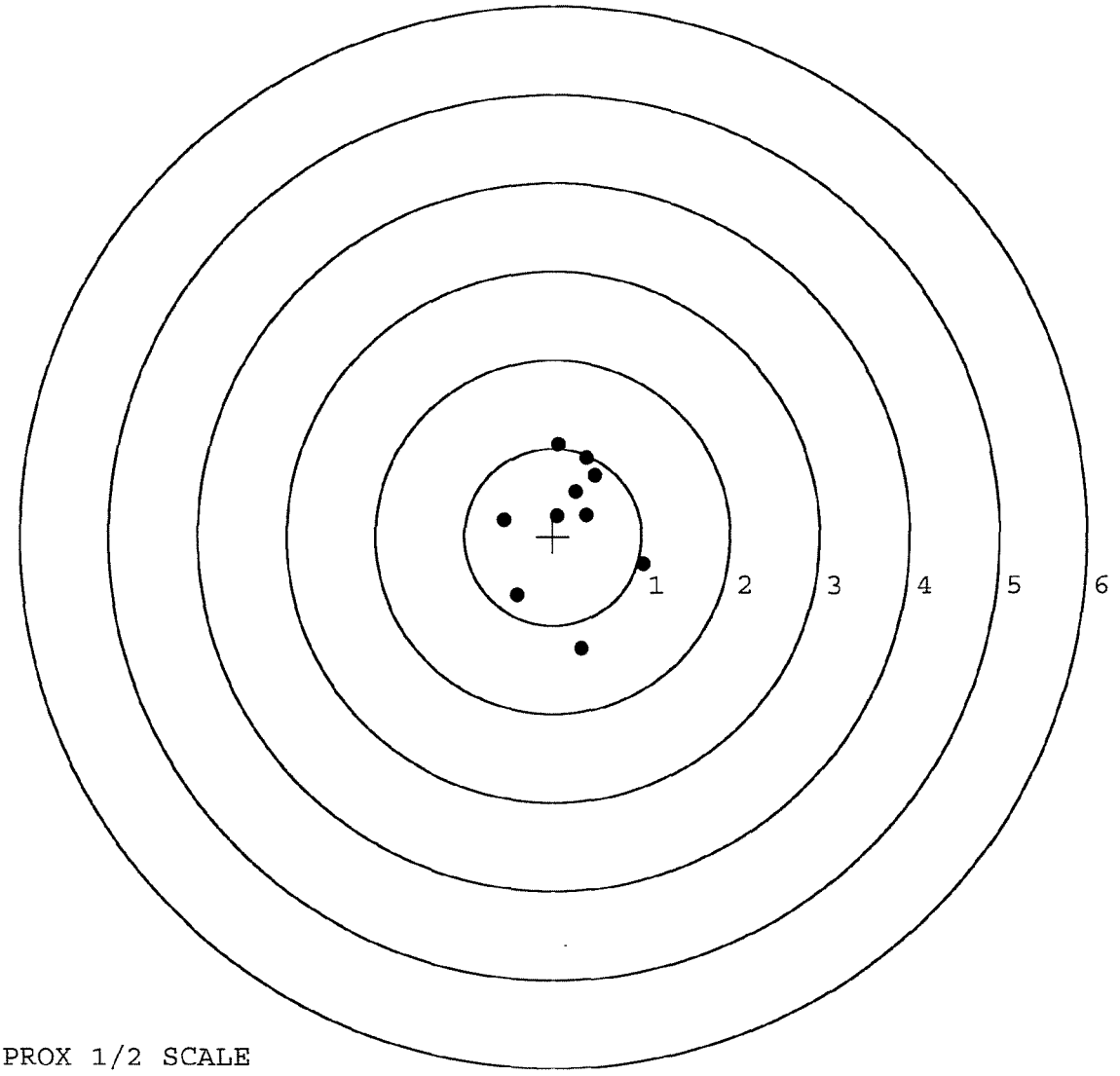
8:	0.374	0.239
9:	0.256	0.500
10:	0.052	0.233



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 4
FILE DATE: 08/01/2002
FILE TIME: 13:32

X CENTROID:	-0.013
Y CENTROID:	-0.181
POA TO CENTROID:	0.181
HORZ SPREAD:	1.328
VERT SPREAD:	1.496
GROUP SPREAD:	1.809
MIN RADIUS:	0.168
MAX RADIUS:	0.933
MEAN RADIUS:	0.549
# IN 1 IN DIAMETER:	4
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5:	-0.688	0.447
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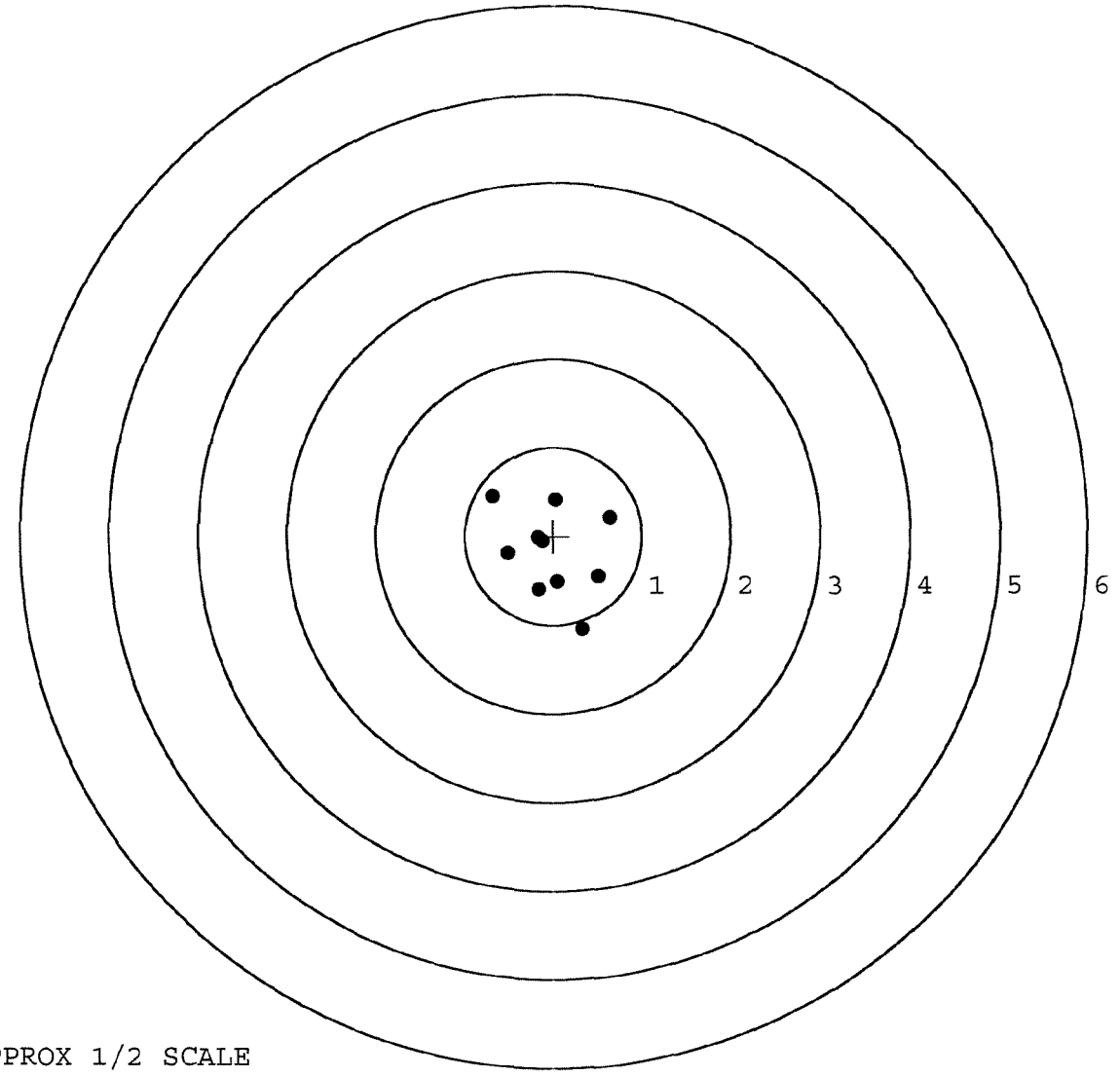
7:	0.046	-0.514
8:	-0.173	-0.601
9:	-0.515	-0.199
10:	-0.176	-0.017



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348912.__0
TARGET NUMBER: 5
FILE DATE: 08/01/2002
FILE TIME: 13:32

X CENTROID:	-0.180
Y CENTROID:	0.216
POA TO CENTROID:	0.281
HORZ SPREAD:	1.260
VERT SPREAD:	1.337
GROUP SPREAD:	1.640
MIN RADIUS:	0.161
MAX RADIUS:	0.934
MEAN RADIUS:	0.525
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POINT#	X	Y
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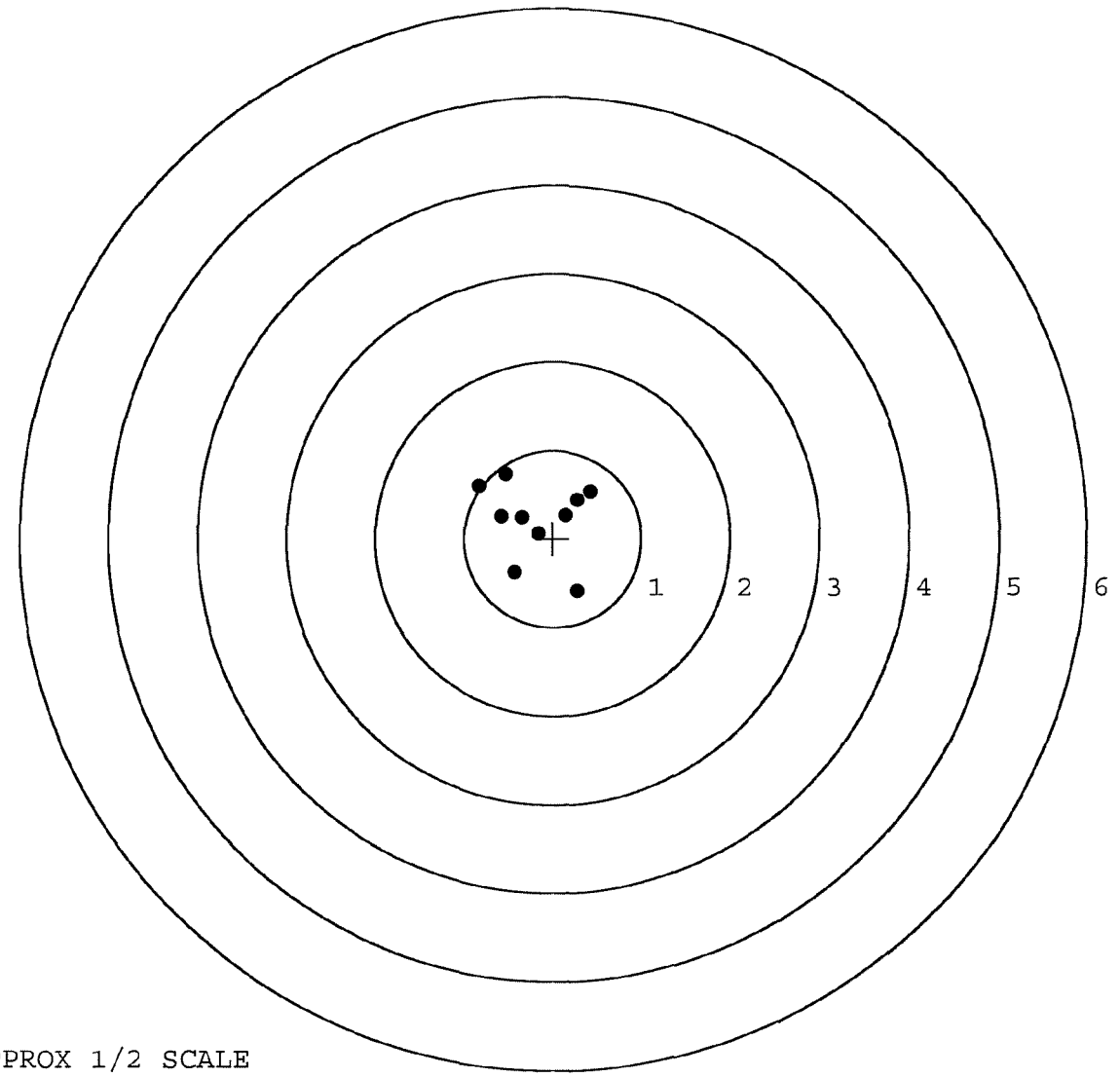
8:	-0.591	0.258
9:	-0.354	0.241
10:	-0.166	0.055



TARGET APPROX 1/2 SCALE

SWS/Repair

[redacted]

Final Inspection

In: C6348912	Date Rec'd: 7/16/02	Date Ret'd: 8/7/02

Writer:

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: _____

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

BB

R & E NUMBER	49324		
SERIAL NUMBER	C634891 2		
LOG-IN DATE	7/16/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7/18/02	RL
560 A	RE-BARREL	7/18/02	DA
B	DRILL AND TAP	7-19-02	AC
575	ASSEMBLE	7/19/02	RL
600	PROOF	7-20-02	AC
605	CHECK HEADSPACE	7/22/02	RL
610	DIS-ASSEMBLE GUN	7/22/02	RL
612	MAGNAFLUX	MAGNA - FLUX INSPECTED JUL 23	
615	ROLLMARK CALIBER	7/23/02	TD
618	ROTO-BLAST	7/25/02	KO
620	APPLY COATINGS OPERATOR	7-26	TA
625 A	FINAL ASSEMBLY	7-30-02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	7-31-02	AC
655	FINAL INSPECT	8-6-02	RW
660	PACK	8-7-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

RECEIVING AND ESTIMATING REPORT

COMMENTS: WOG 2 OF 2
W/SWS METAL CASE

ORDER: R 99-16216

INITIAL	CUSTOMER ORDER NO.
SWS	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
08/20/99	08/20/99	WJ 8/89	C6348912		700 7.62NAT M24

ACCESSORIES: SLING STRAP W/STUDS SCOPE BASE W/SCOPE - ADJ BUTT PLT

FROM:
TRAFFIC MANAGEMENT OFFICE
BLDG 1702 - BAY 3
MCGUIRE AFB NJ 08641

SHIP TO:
TRAFFIC MANAGEMENT OFFICE
BLDG 1702 - BAY 3
MCGUIRE AFB NJ
08641

CUST NO:024242 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

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
RW		11-22-99	11-23-99	11-23-99	

OFFICE COPY

RD6925 REV. 7/97

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

PAGE NO | NO OF PAGES | REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)

SECTION I - CUSTOMER DATA

1a. UIC CUSTOMER: WABPTO
1b. CUSTOMER UNIT NAME: HHC 1/508 INF ABCT
1c. PHONE NO: 634-7680
2a. SAMS-2 UIC/SAMS-I/TDA
2b. UTILIZATION CODE
2c. MCSR

SECTION II - MAINTENANCE ACTIVITY DATA

3a. WORK ORDER NUMBER (WON)
3b. SHOP
3c. PHONE NO
4a. UIC SUPPORT UNIT
4b. SUPPORT UNIT NAME

SECTION III - EQUIPMENT DATA

5. TYPE MNT REQ CODE
6. ID
7. NSN: 1005012407136
8. MODEL: M24 Sniper Rifle
9. NOUN
10a. ORG WON/DOC NO
10b. EIC
11. SERIAL NUMBER: C6348912
12. QTY
13. PD
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)
15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751
15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751
16. MILES/KILOMETERS/HOURS/ROUNDS: M | K | H | R
17. PROJECT CODE (if assigned)
18. ACCOUNT PROCESSING CODE
19. IN WARRANTY? (enter Y or N)
20. ADMIN NO
21. REIMBURSABLE CUSTOMER (if intransit customer enter Y or N)
22. LEVEL OF WORK
23. SIGNATURE
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)
25. REMARKS: Weapons Need to be Serviced, Gauged, Calibrated
26. TECHNICAL REFERENCES

SECTION IV - TASK REQUIREMENTS DATA

27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP

SECTION V - PART REQUIREMENTS

28a FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST $

28m. TOTAL MANHOURS
28n. TOTAL MANHOURS COSTS $
28o. TOTAL PARTS COSTS $

SECTION VI - COMPLETION DATA

29. QTY RPR
30. QTY CONDEMN
31. QTY NRTS
32. EVAC WON
33. EVAC UNIT NAME

SECTION VII - ACTION SIGNATURES

34a. SUBMITTED BY: [signature]
35a. ACCEPTED BY
35c. DATE
36a. WORK STARTED BY
37a. INSPECTED BY
38a. PICKED UP BY
34b. DATE | 35b. STATUS | 35d. TIME | 36b. STATUS | 36c. DATE | 36d. TIME | 37b. STATUS | 37c. DATE | 37d. TIME | 38b. STATUS | 38c. DATE | 38d. TIME

DA FORM 2407, JUL 94

NMP COPY 2

R95387 W9KCFC9202-0001

21 DAY TURN - AROUND

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

R&E NO. **SERIAL NO.** C6348912

		DATE	INIT.
LOG IN DATE: / /			
INSPECT & VERIFY:		8-24-99	RW
OP. #	**OP. NAME**		
550	DIS-ASSEMBLE GUN	8-24-99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-20-99	RW
605	CHECK HEADSPACE	10-20-99	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX	10-21-99	RW
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	11-18-99	RW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-23-99	RW
655	FINAL INSPECT	12-7-99	RW
660	PACK		
	QAR INSPECTION	SHIP DATE	

Final Inspection

S/N: C6348912 | DATE REC'D: 8-19-99 | 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: _____

Remington Test Lab, Ilion, N.Y.

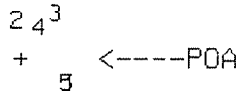
Centroidal distance calculations for Rifle # c6348912
6 Dec 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .188
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0908
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .208779

THE AMR FOR THIS RIFLE IS: 1.127

CENTROIDAL DISTANCES

0 TO 1 .361797
1 TO 2 .551004
1 TO 3 .473625
1 TO 4 .427707
1 TO 5 .024

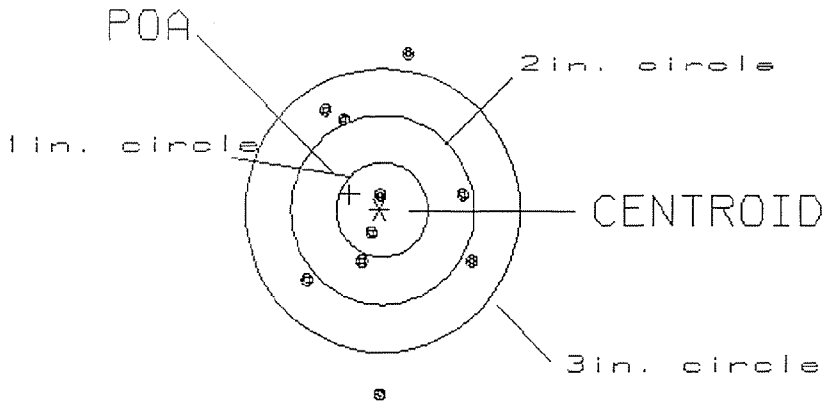


REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:	1	
POA TO CENTROID:		.362
MIN RADIUS	:	.159
MEAN RADIUS	:	.999
MAX RADIUS	:	1.952
CENTROID X	:	.324
CENTROID Y	:	-.161

23 Nov 1999 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348912

CENTERFIRE PATTERN # 1



# OF SHOTS= 10	# IN CIRCLE
HS= 1.79	2
VS= 3.62	4
GS= 3.64	8

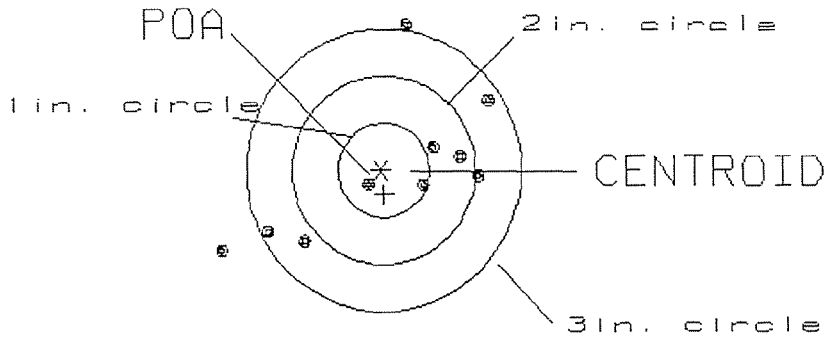
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 2 □

POA TO CENTROID:		.259
MIN RADIUS	:	.247
MEAN RADIUS	:	1.062
MAX RADIUS	:	2.010
CENTROID X	:	-.035
CENTROID Y	:	.257

23 Nov 1999 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348912

CENTERFIRE PATTERN # 2



# OF SHOTS= 10	# IN CIRCLE
HS= 2.91	2
VS= 2.49	4
GS= 3.35	8

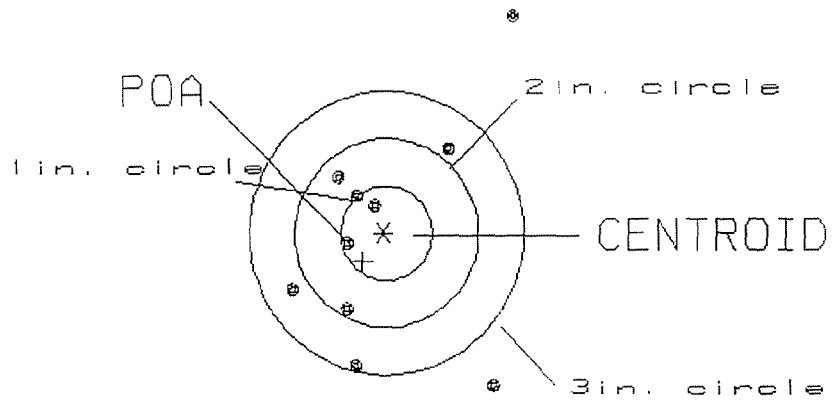
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 3 □

POA TO CENTROID:		.380
MIN RADIUS	:	.329
MEAN RADIUS	:	1.140
MAX RADIUS	:	2.671
CENTROID X	:	.229
CENTROID Y	:	.303

23 Nov 1999 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348912

CENTERFIRE PATTERN # 3



# OF SHOTS= 10	# IN CIRCLE
HS= 2.36	3
VS= 3.95	5
GS= 4.05	8

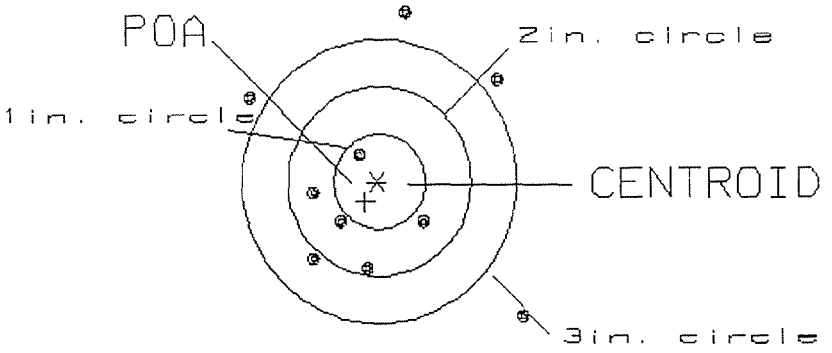
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 4 □

POA TO CENTROID:	.248
MIN RADIUS :	.327
MEAN RADIUS :	1.155
MAX RADIUS :	2.106
CENTROID X :	.122
CENTROID Y :	.216

23 Nov 1999 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348912

CENTERFIRE PATTERN # 4



# OF SHOTS= 10	# IN CIRCLE
HS= 2.95	1
VS= 3.25	5
GS= 3.76	6

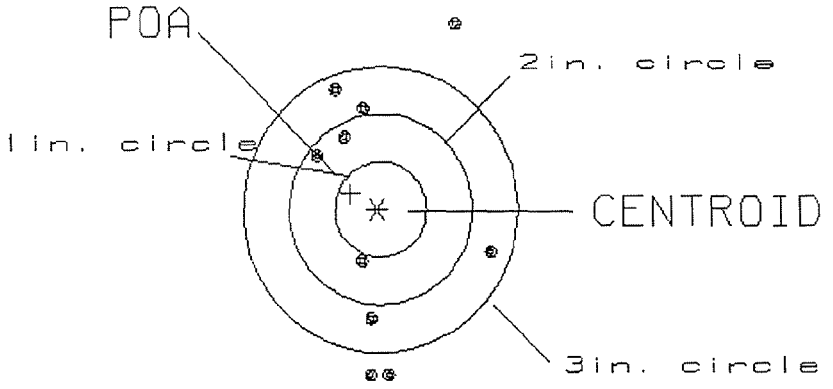
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 5 □

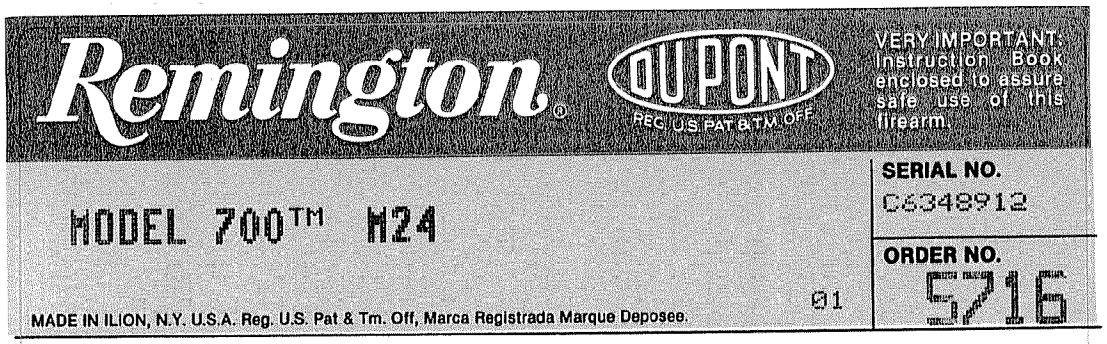
POA TO CENTROID:		.341
MIN RADIUS	:	.614
MEAN RADIUS	:	1.281
MAX RADIUS	:	2.099
CENTROID X	:	.300
CENTROID Y	:	-.161

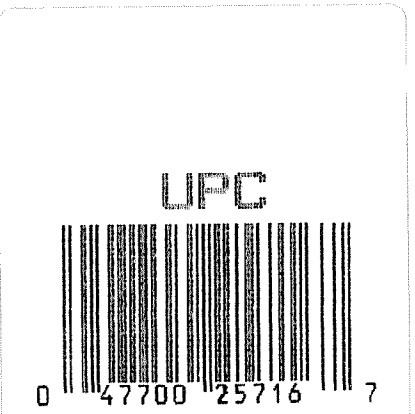
23 Nov 1999 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348912

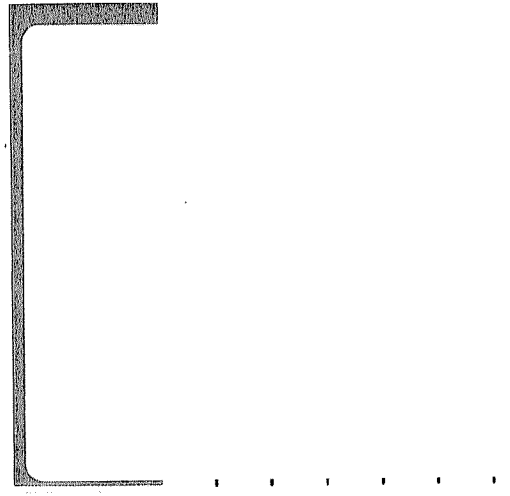
CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 1.88	0
VS= 3.67	3
GS= 3.76	7







Scope 0165

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348912

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 30	89	DW
600	Proof	8 30	89	DW
607	Check Headspace	8 30	89	DW
610	Dis-assemble Gun	8 30	89	DW
612	Magnaflux Barrel Action		8/31/89	KCR
	Magnaflux Bolt		8/31/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	9 1	89	YB
618	Polish Barrel RG	9 1	89	BT
620	Apply Coatings (Barrel Action)		9 7 89	TJA
	Apply Coating (Bolt)			TJA
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		28 Sept 89	SD

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			9/27/89	JH
	G) Safety Off Force	3	3	3			9/27/89	JH
	H) Trigger Pull Test & Retainability						27Sept89	JS
	I) Firing Pin Indent	.020	.0215	.022			9/27/89	JH
	J) Assemble Stock						9/29/89	RW
	K) Assemble Swivel Studs						2Oct89	JS
	L) Attach Front and Rear Sight Assemblies						12/11/89	RW
	M) Iron Sight Alignment						12/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container						12/11/89	RW
	O) Attach Scope to Rifle						9/28/89	JH
	P) Detach & Attach Scope 20 Times						9/29/89	JH
640	Gallery Target & Test						10-2-89	DH
	A) Time						10-2-89	DH
	B) Malfunctions						10-2-89	DH
	C) Pierced Primers						10-2-89	DH
	D) Optical Clearity of Scope						10-2-89	DH
645	Inspect for Live Ammo						10-2-89	DH
655	Final Inspection A) Headspace						2Oct89	JS
	B) Trigger Pull	264	257	276	255	266	2Oct89	JS
	C) Function						2Oct89	JS
660	Pack						15Dec89	JS

RC-26

SWS TRIGGER PULL TEST

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

SERIAL NO. 6348915

DATE 3-13-98

TESTER [illegible]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.41	2.50		MIN. SETTING,
PULL #2	2.28	2.37	2.46		NO AVG. OF 5
PULL #3	2.37	2.36	2.45		READINGS ACCEPT-
PULL #4	2.35	2.48	2.54		ABLE LESS THAN 2#
PULL #5	2.38	2.39	2.54		
TOTAL	11.68	12.01	12.49		
AVG.	2.336	2.402	2.498		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.55		
PULL #2	3.53	3.67		
PULL #3	3.59	3.21		
PULL #4	3.50	3.32		
PULL #5	3.53	3.21		
TOTAL	17.53	16.96		
AVG.	3.506	3.392		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.36		
PULL #2	4.37	4.33		
PULL #3	4.37	4.29		
PULL #4	4.40	4.36		
PULL #5	4.44	4.39		
TOTAL	21.71	21.73		
AVG.	4.342	4.346		

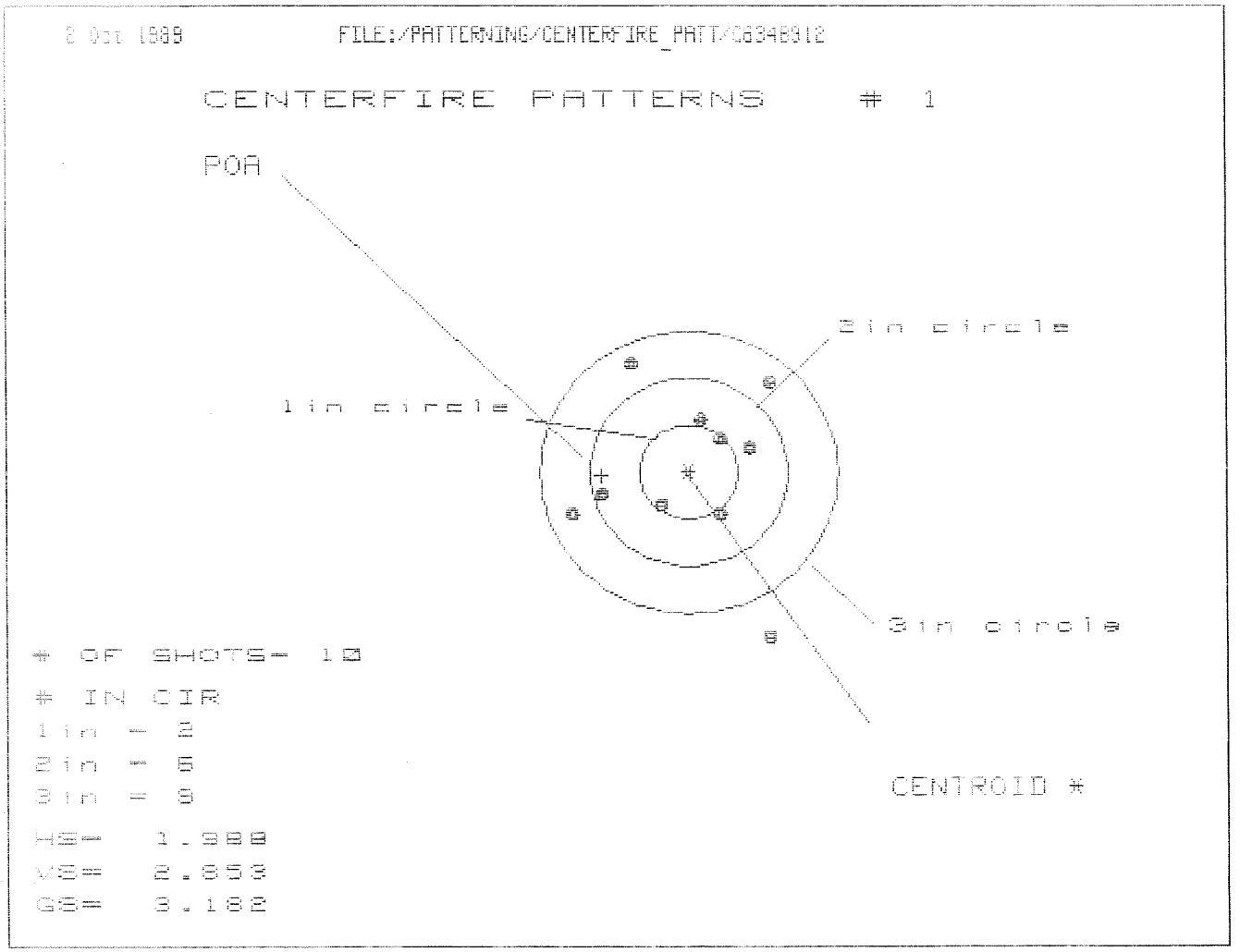
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348912
2 Oct 1989

CENTROIDAL DISTANCES

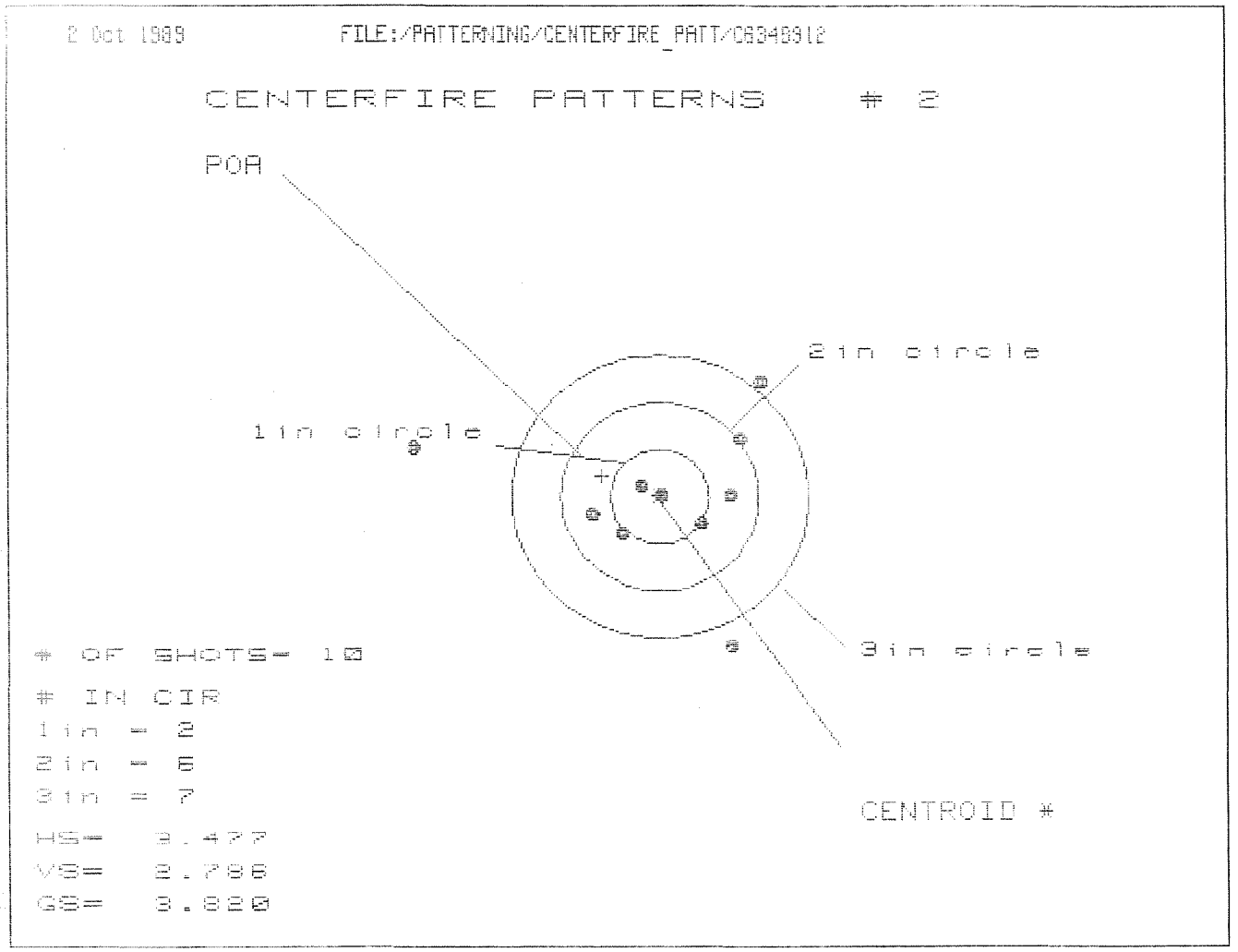
Ø	TO	1	.883906
1	TO	2	.396334
1	TO	3	.604196
1	TO	4	.528394
1	TO	5	.392999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5938
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1564
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .614052

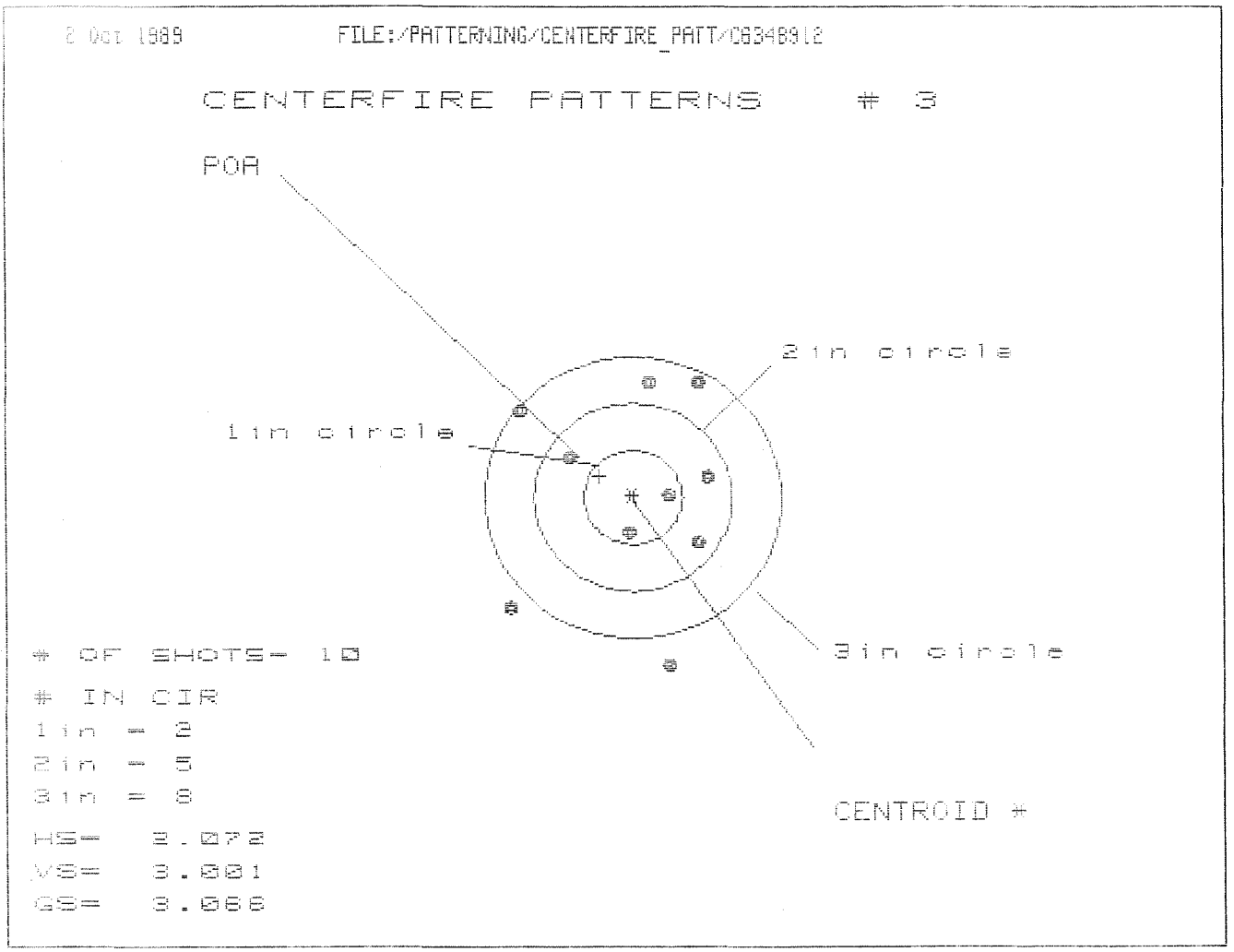
THE AMR FOR THIS RIFLE IS: 1.067



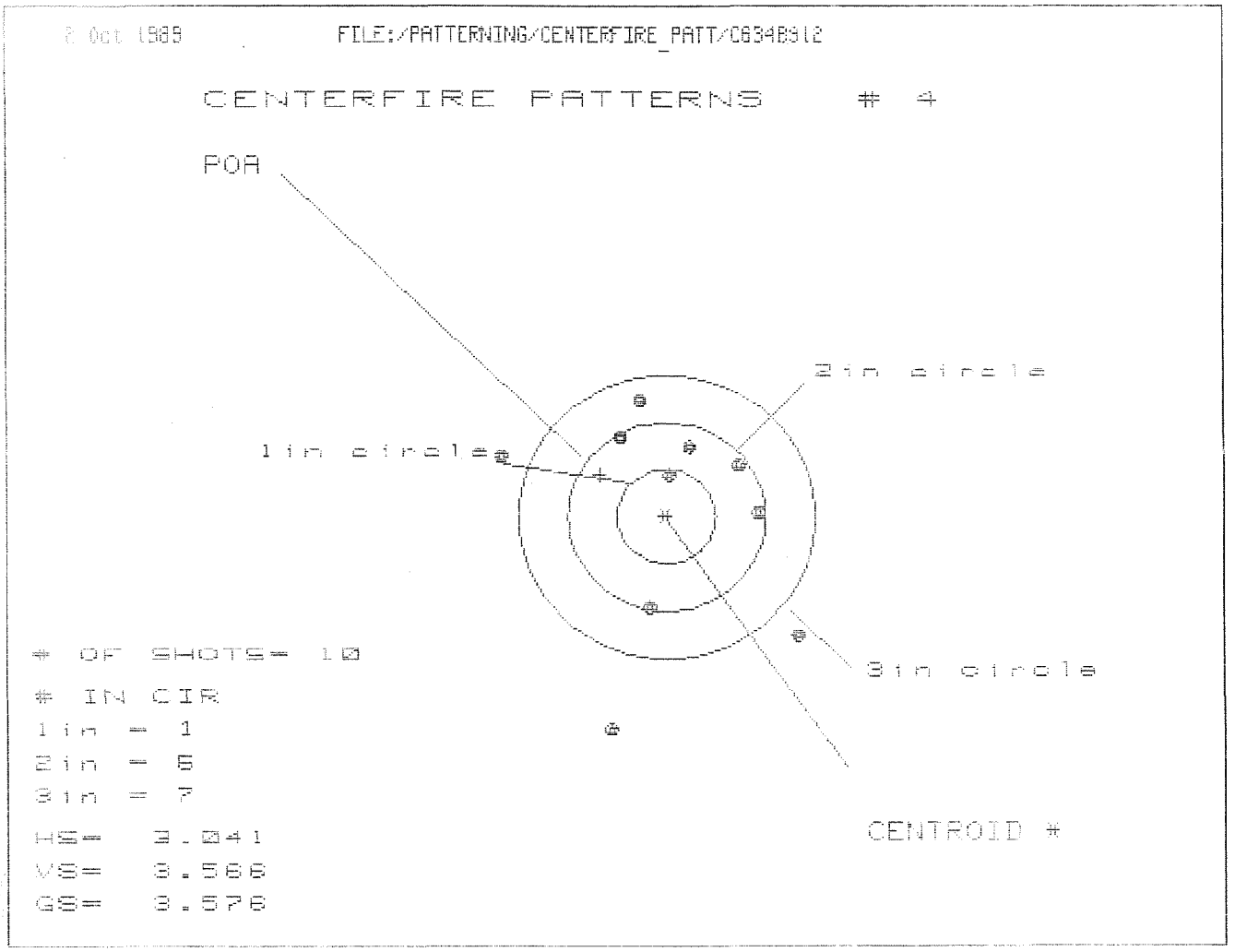
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.822	.896	.834
MINIMUM X	:	-1.166	-1.074	-1.136
MAXIMUM Y	:	1.137	.946	.901
MINIMUM Y	:	-1.716	-.638	-.519
CENTROID X	:	.883	.791	.853
CENTROID Y	:	.040	.231	.112
POA TO CENTROID in.	:	.884	.824	.860
MIN RADIUS	:	.470	.385	.444
MEAN RADIUS	:	.925	.807	.758
MAX RADIUS	:	1.903	1.249	1.249
HORIZONTAL SPREAD	:	1.988	1.970	1.970
VERTICAL SPREAD	:	2.853	1.584	1.420
EXTREME SPREAD	:	3.182	2.428	2.428
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



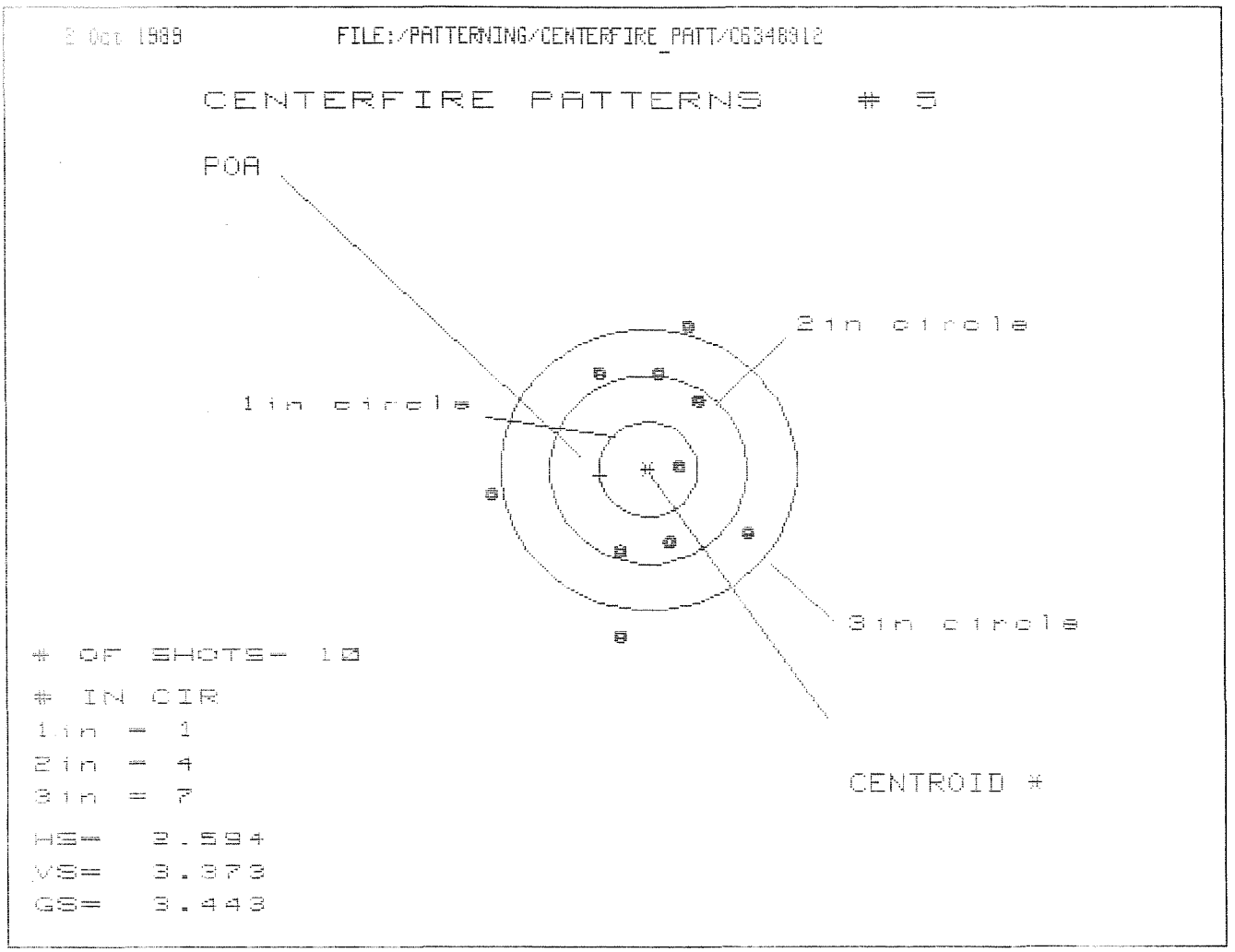
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.993	.717	.767
MINIMUM X	:	-2.484	-.917	-.867
MAXIMUM Y	:	1.180	1.241	1.047
MINIMUM Y	:	-1.606	-1.545	-.553
CENTROID X	:	.583	.859	.809
CENTROID Y	:	-.219	-.280	-.086
POA TO CENTROID in.	:	.623	.903	.813
MIN RADIUS	:	.023	.256	.273
MEAN RADIUS	:	.959	.786	.683
MAX RADIUS	:	2.542	1.596	1.298
HORIZONTAL SPREAD	:	3.477	1.684	1.684
VERTICAL SPREAD	:	2.786	2.786	1.500
EXTREME SPREAD	:	3.820	2.804	2.121
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	7		



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.807	.846	.693
MINIMUM X	:	-1.265	-1.226	-1.275
MAXIMUM Y	:	1.215	1.017	.840
MINIMUM Y	:	-1.786	-1.415	-.826
CENTROID X	:	.341	.302	.455
CENTROID Y	:	-.227	-.029	.148
POA TO CENTROID in.	:	.410	.303	.478
MIN RADIUS	:	.395	.477	.468
MEAN RADIUS	:	1.079	.993	.868
MAX RADIUS	:	1.820	1.872	1.371
HORIZONTAL SPREAD	:	2.072	2.072	1.968
VERTICAL SPREAD	:	3.001	2.432	1.666
EXTREME SPREAD	:	3.068	3.066	2.292
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.353	1.294	1.013
MINIMUM X	:	-1.688	-1.747	-1.585
MAXIMUM Y	:	1.268	1.013	.821
MINIMUM Y	:	-2.298	-1.531	-1.390
CENTROID X	:	.671	.730	.568
CENTROID Y	:	-.444	-.189	.003
POA TO CENTROID in.	:	.805	.754	.568
MIN RADIUS	:	.413	.171	.100
MEAN RADIUS	:	1.226	1.018	.853
MAX RADIUS	:	2.859	2.005	1.593
HORIZONTAL SPREAD	:	3.041	3.041	2.598
VERTICAL SPREAD	:	3.568	2.544	2.211
EXTREME SPREAD	:	3.576	3.576	2.648
NUMBER IN ONE INCH CIRCLE		1	1	
NUMBER IN TWO INCH CIRCLE		5	6	
NUMBER IN THREE INCH CIRCLE		7	7	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.965	.936	.729
MINIMUM X	:	-1.629	-1.658	-.734
MAXIMUM Y	:	1.572	1.372	1.312
MINIMUM Y	:	-1.801	-1.075	-1.135
CENTROID X	:	.491	.520	.727
CENTROID Y	:	.068	.268	.328
POA TO CENTROID in.	:	.495	.585	.798
MIN RADIUS	:	.319	.354	.276
MEAN RADIUS	:	1.144	1.054	.936
MAX RADIUS	:	1.8[illegible]	1.726	1.326
HORIZONTAL SPREAD	:	[illegible]	2.594	1.463
VERTICAL SPREAD	:	3.373	2.447	2.447
EXTREME SPREAD	:	[illegible]	3.766	2.538
NUMBER IN ONE INCH [illegible]	=		1	
NUMBER IN TWO INCH [illegible]				
NUMBER IN [illegible] INCH [illegible]				