C5348979

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

M2400043129

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

DU PONT

RECORDS CONTROL SCHEDULE

RECORDS CATEGORY OR TITLE:

612 - MONTHLY COST SHEETS-LOUVIERS

#5615 (1979)

COPY "O" (OFFICIAL) ☐ "X" (EXTRA) ☒

TOTAL RETENTION: MAX. 3 YEARS

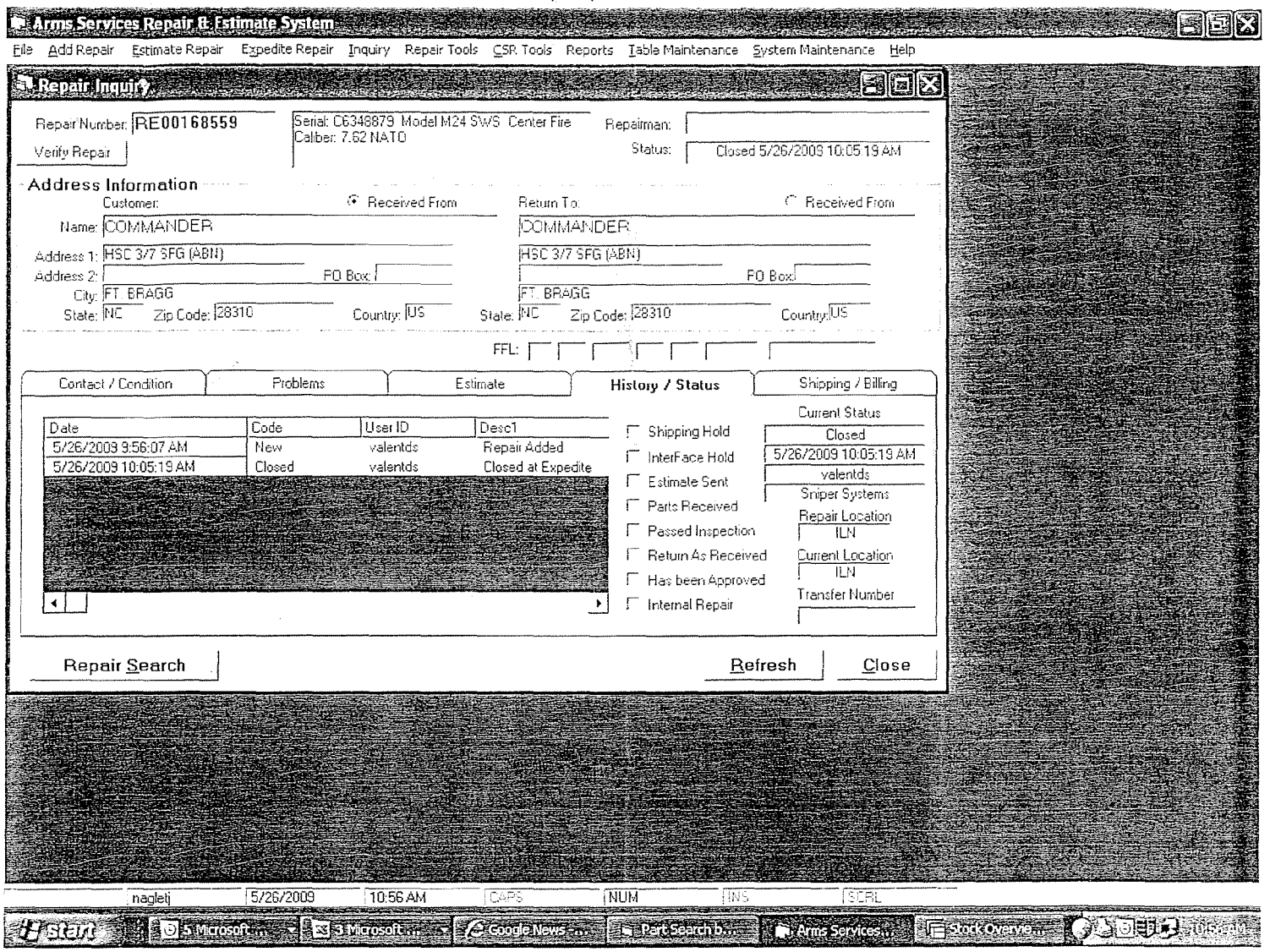
1979 - 1982

GS-11050 Rev. 8/78

M2400043130

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

HEETS (1979)



Serial Number: C6348879

Model: M24 SWS

RE00168559

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

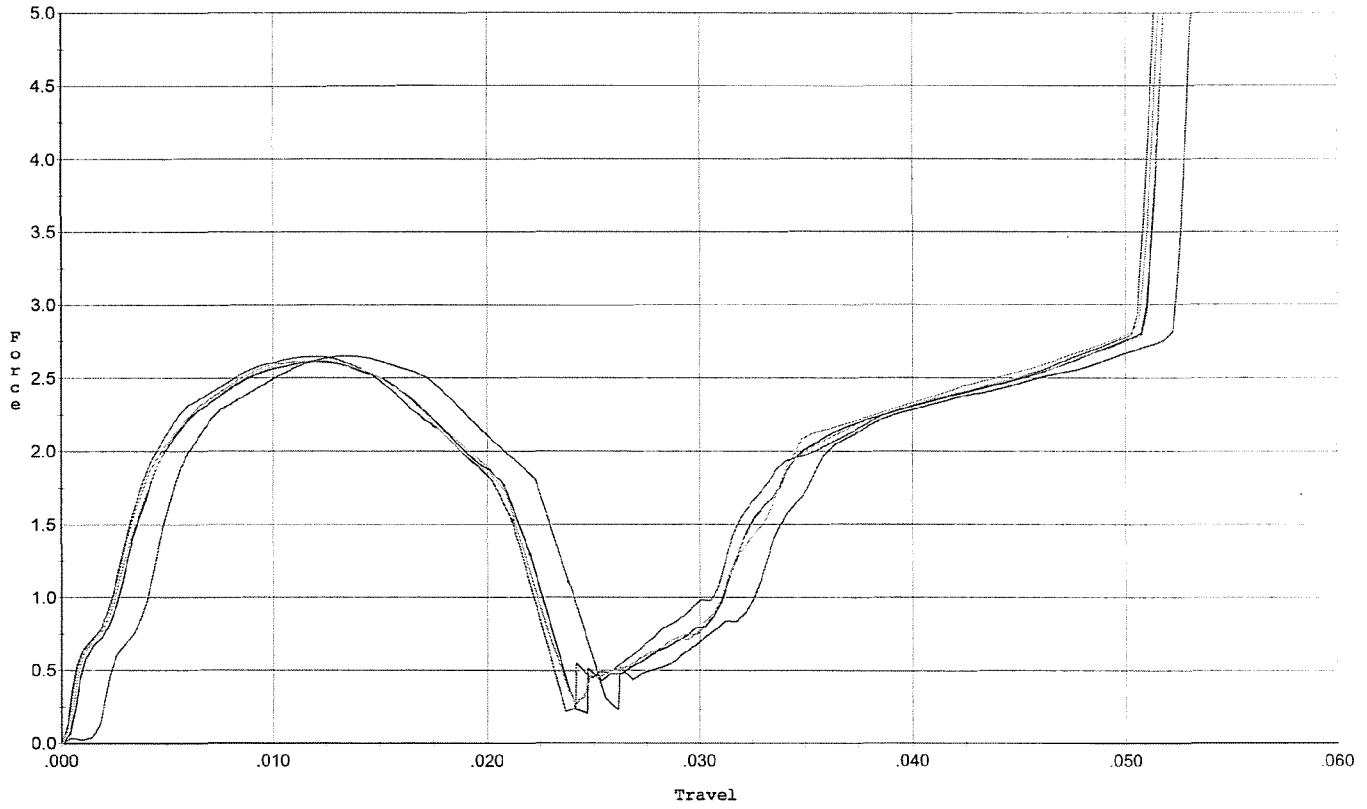
R & E NUMBER 168559 Deployment ICIT
SERIAL NUMBER C6348879
LOG-IN DATE 5-26-09

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-27-09	RTZ
505	RE-BARREL		5-28-09	RTZ
420	ASSEMBLE		5-28-09	RTZ
440	PROOF	MAGNA - FLUX MAY 30 2009	5-28-09	
460	CHECK HEADSPACE		5-28-09	
470	DIS-ASSEMBLE GUN		5-28-09	
480	MAGNAFLUX	OPERATOR (IV)	5/30/09	
510	DRILL AND TAP		5-29-09	
500	ROLLMARK CALIBER		6/1/09	RT
520	GOFF BLAST BBL / REC		6-1-09	DWD
530 & 540	APPLY COATINGS		6-3	
560	FINAL ASSEMBLY		6-3-09	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	6-8-09	
650	TARGET	(PASS) FAIL	6-8-09	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	6-8-09	RP
670	FINAL INSPECTION A) HEADSPACE	(PASS) FAIL	6-15-09	
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.75 2.67 2.65 2.61 2.60	6-15-09	RTZ
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4# 4# 4#	6-15-09	
	G) SAFETY OFF FORCE (2 LBS MIN)	5# 5# 5#	6-15-09	
	I) FIRING PIN INDENT .020	.022 .022 .022	6-15-09	
690	PACK		6/16/09	

F006 REV 1/2009

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.P. 5/18/09		



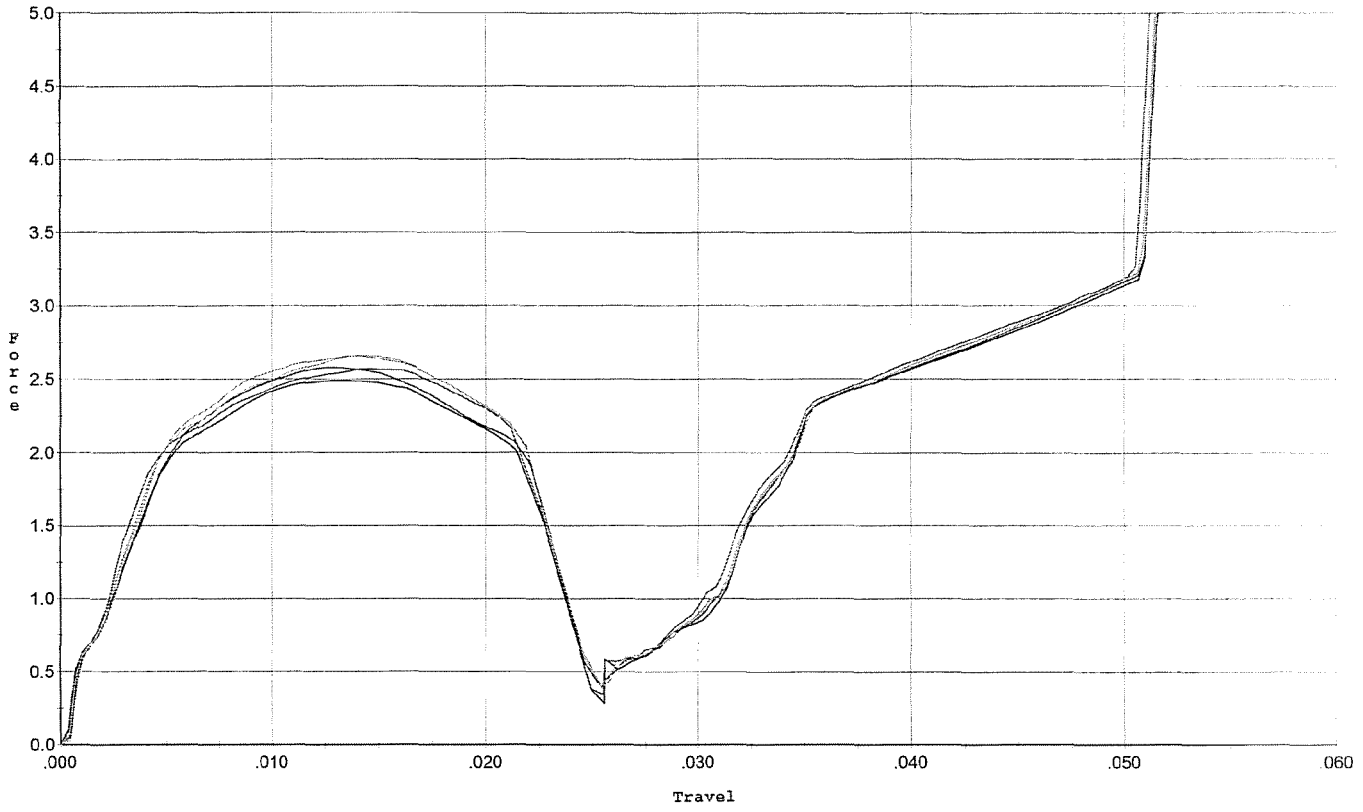
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.650	0.024	0.00	0.035	0.044		Set Trigger
2	2.615	0.022	0.00	0.035	0.042		Set Trigger
3	2.646	0.021	0.00	0.035	0.041		Set Trigger
4	2.618	0.021	0.00	0.035	0.040		Set Trigger
5	2.610	0.021	0.00	0.034	0.041		Set Trigger

Avg 2.62

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 5/18/2009 6:13:39 PM

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.P. 5/18/09		



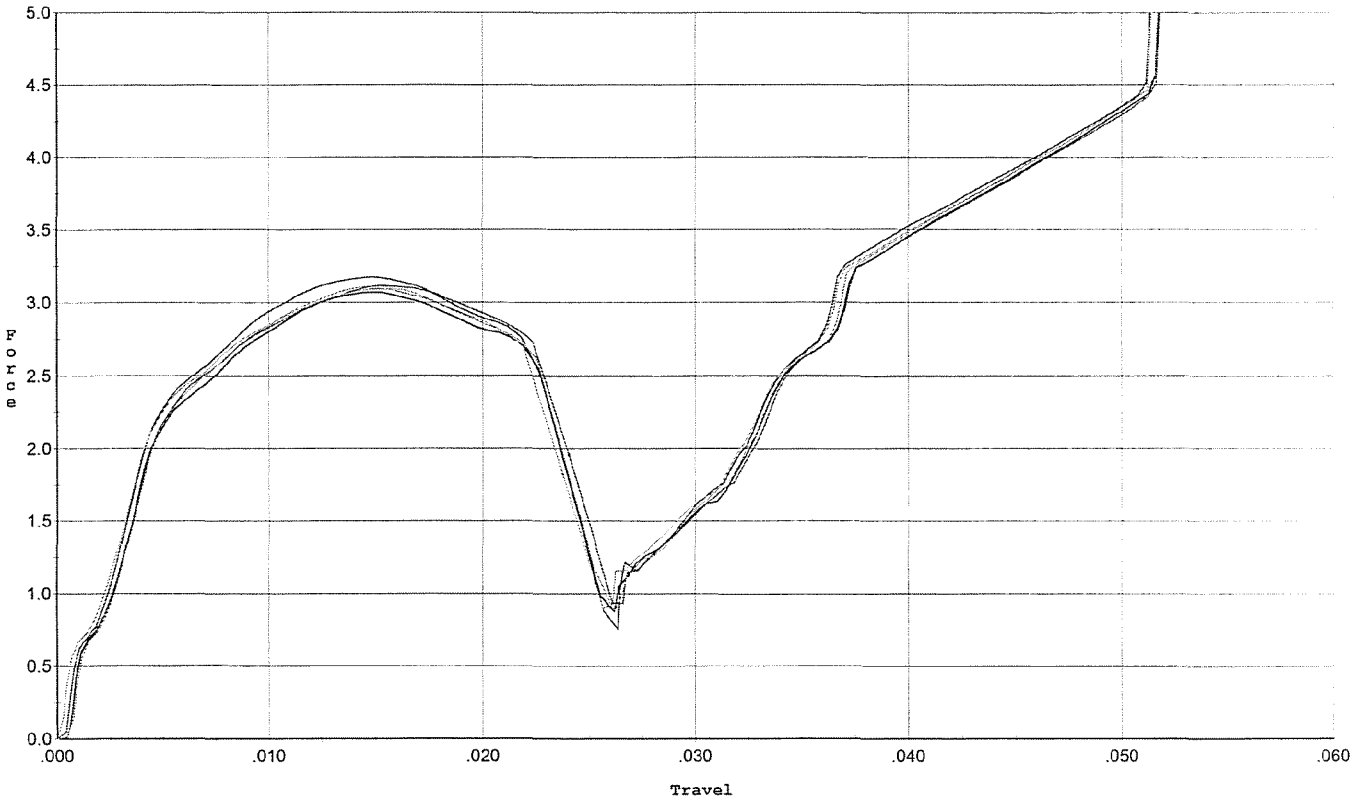
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.578	0.022	0.00	0.034	0.043		Set Trigger
2	2.490	0.023	0.00	0.033	0.043		Set Trigger
3	2.569	0.023	0.00	0.033	0.045		Set Trigger
4	2.660	0.022	0.00	0.033	0.044		Set Trigger
5	2.656	0.022	0.00	0.034	0.044		Set Trigger

Avg 2.59

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

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.P. 5/18/09		



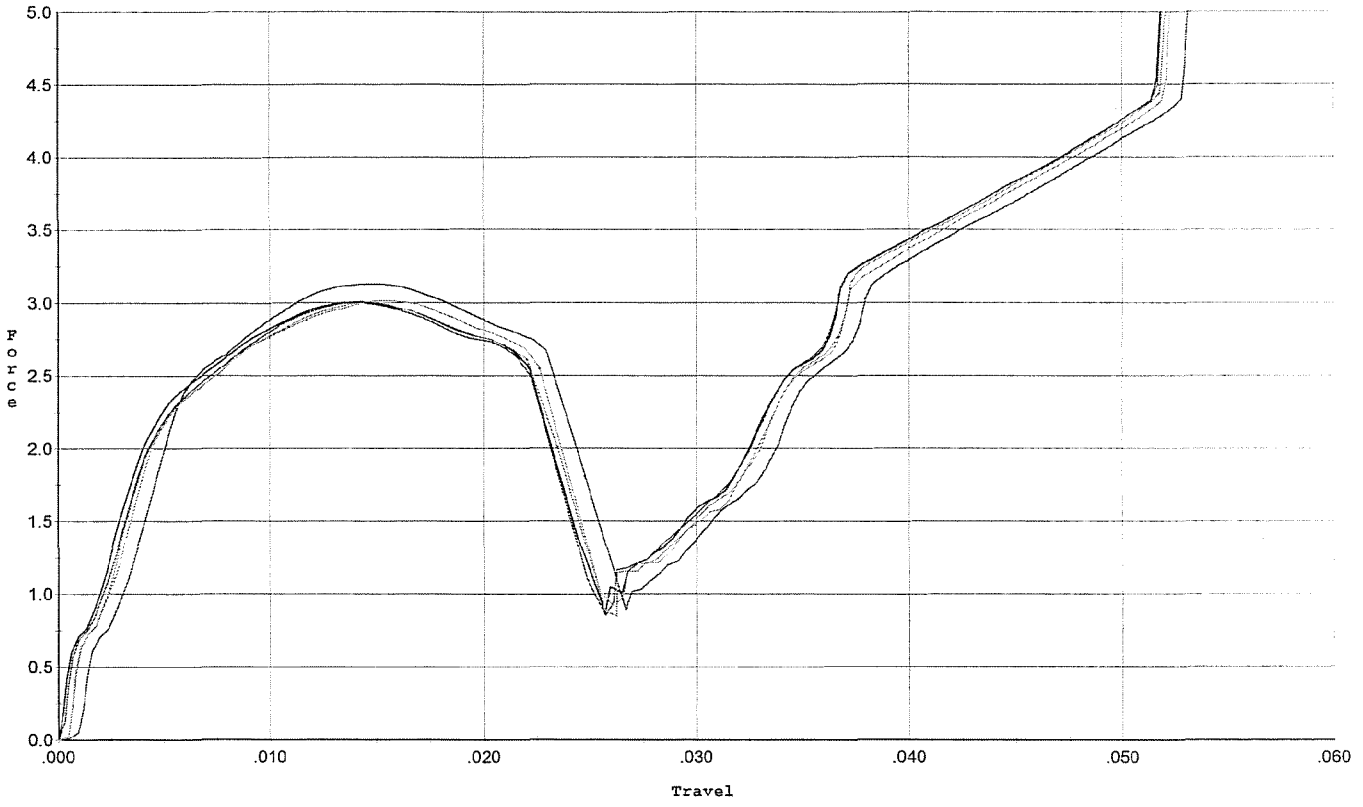
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.173	0.023	0.00	0.032	0.054		Set Trigger
2	3.069	0.023	0.00	0.032	0.051		Set Trigger
3	3.118	0.024	0.00	0.032	0.055		Set Trigger
4	3.110	0.024	0.00	0.032	0.055		Set Trigger
5	3.093	0.023	0.00	0.032	0.052		Set Trigger

Avg 3.11

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 5/18/2009 6:17:33 PM

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.P. 5/18/09		



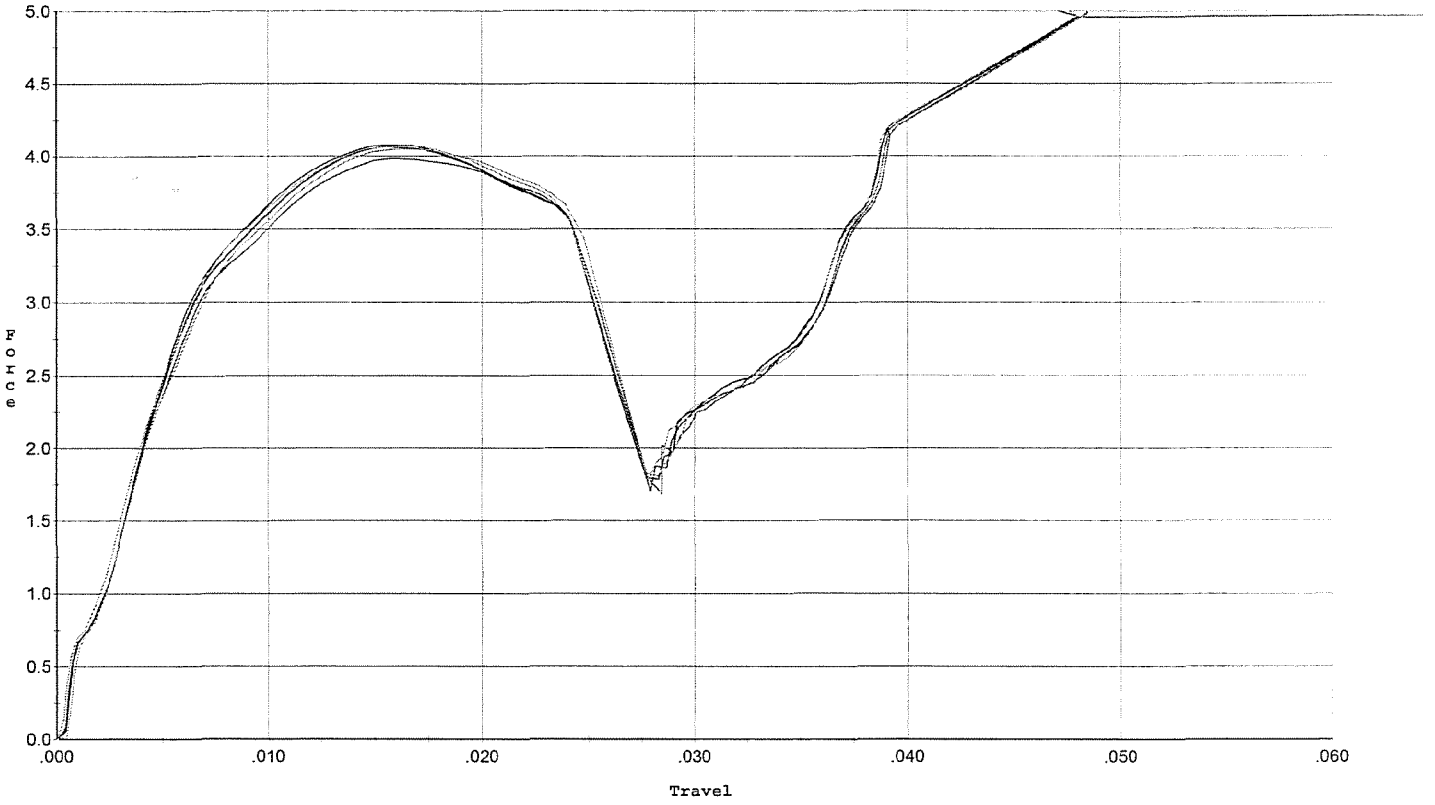
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.130	0.025	0.00	0.033	0.056		Set Trigger
2	3.007	0.022	0.00	0.032	0.051		Set Trigger
3	2.999	0.022	0.00	0.032	0.050		Set Trigger
4	3.013	0.023	0.00	0.033	0.051		Set Trigger
5	3.004	0.023	0.00	0.032	0.053		Set Trigger

Avg 3.03

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 5/18/2009 6:18:49 PM

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.P. 5/18/09		



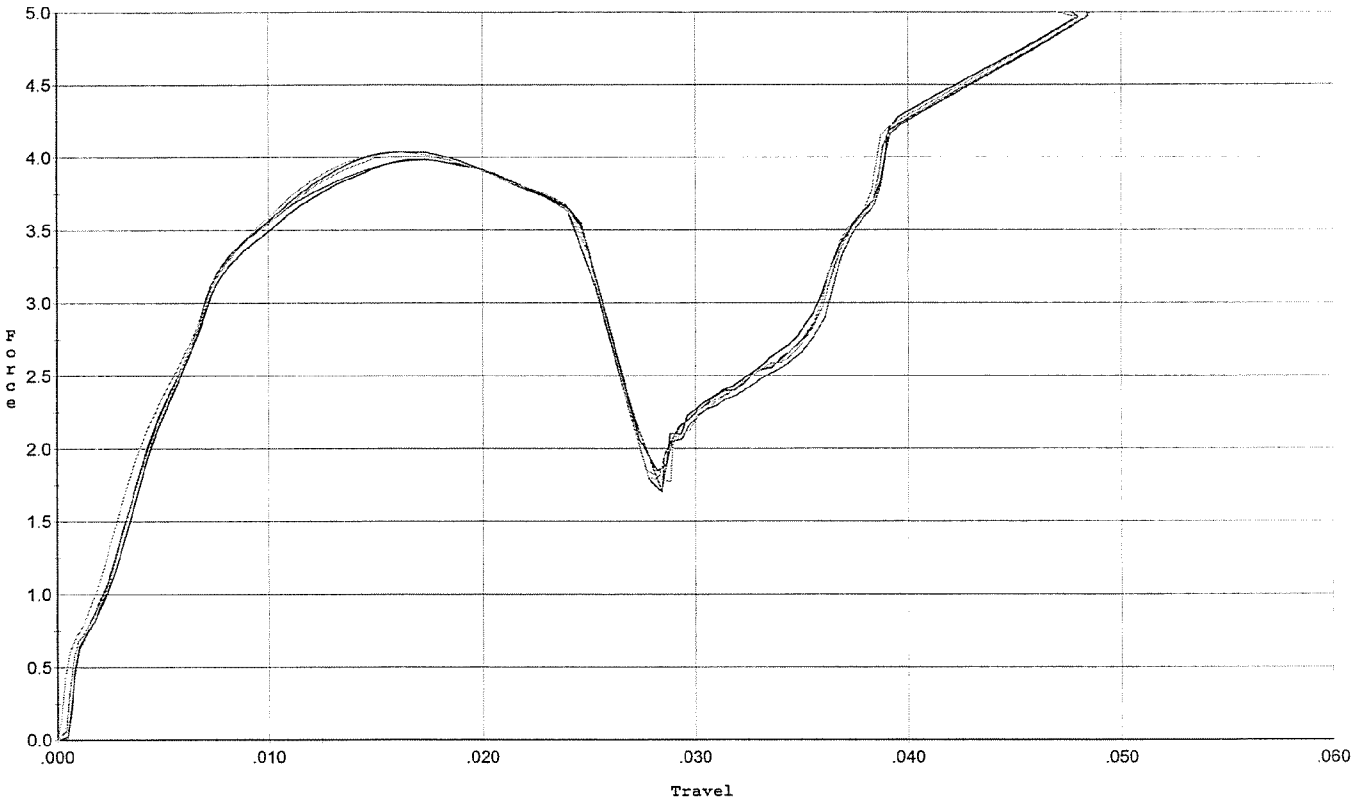
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.076	0.024	0.00	0.030	0.071		Set Trigger
2	4.062	0.024	0.00	0.030	0.071		Set Trigger
3	3.982	0.026	0.00	0.030	0.074		Set Trigger
4	4.068	0.024	0.00	0.030	0.072		Set Trigger
5	4.047	0.025	0.00	0.030	0.073		Set Trigger

Avg 4.04

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 5/18/2009 6:20:23 PM

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.P. 5/18/09		



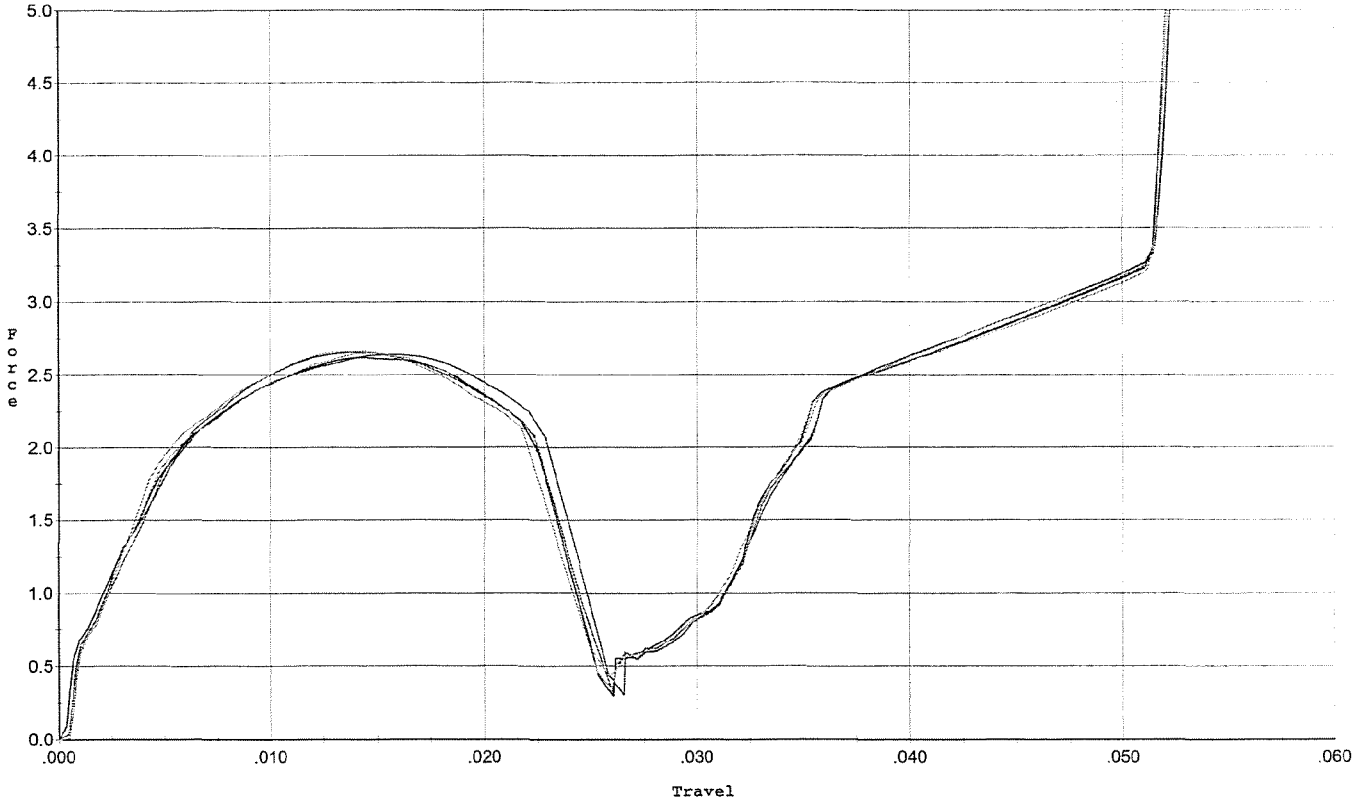
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.036	0.025	0.00	0.029	0.074		Set Trigger
2	3.985	0.025	0.00	0.030	0.071		Set Trigger
3	3.982	0.025	0.00	0.029	0.072		Set Trigger
4	4.006	0.025	0.00	0.030	0.073		Set Trigger
5	4.039	0.025	0.00	0.029	0.074		Set Trigger

Avg 4.01

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

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.P. 5/18/09		



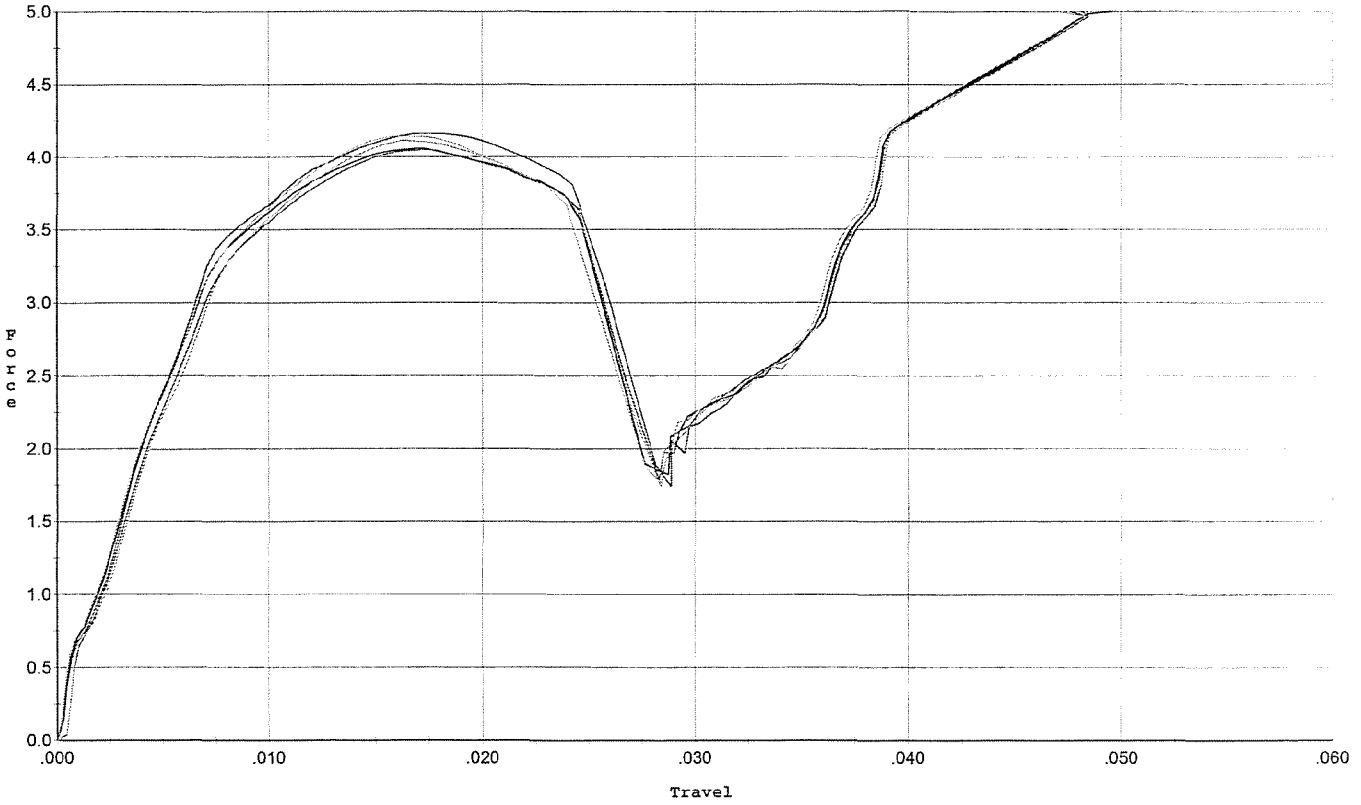
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.639	0.023	0.00	0.033	0.046		Set Trigger
2	2.617	0.022	0.00	0.034	0.045		Set Trigger
3	2.653	0.022	0.00	0.034	0.045		Set Trigger
4	2.653	0.022	0.00	0.034	0.045		Set Trigger
5	2.664	0.022	0.00	0.034	0.044		Set Trigger

Avg 2.64

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 5/18/2009 6:23:26 PM

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.P. 5/18/09		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.162	0.026	0.00	0.029	0.079		Set Trigger
2	4.056	0.025	0.00	0.029	0.074		Set Trigger
3	4.050	0.024	0.00	0.029	0.072		Set Trigger
4	4.145	0.026	0.00	0.029	0.077		Set Trigger
5	4.112	0.025	0.00	0.029	0.072		Set Trigger

Avg 4.10

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 5/18/2009 6:24:58 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348879.__0
FILE DATE AND TIME: 06/09/2009 07:18

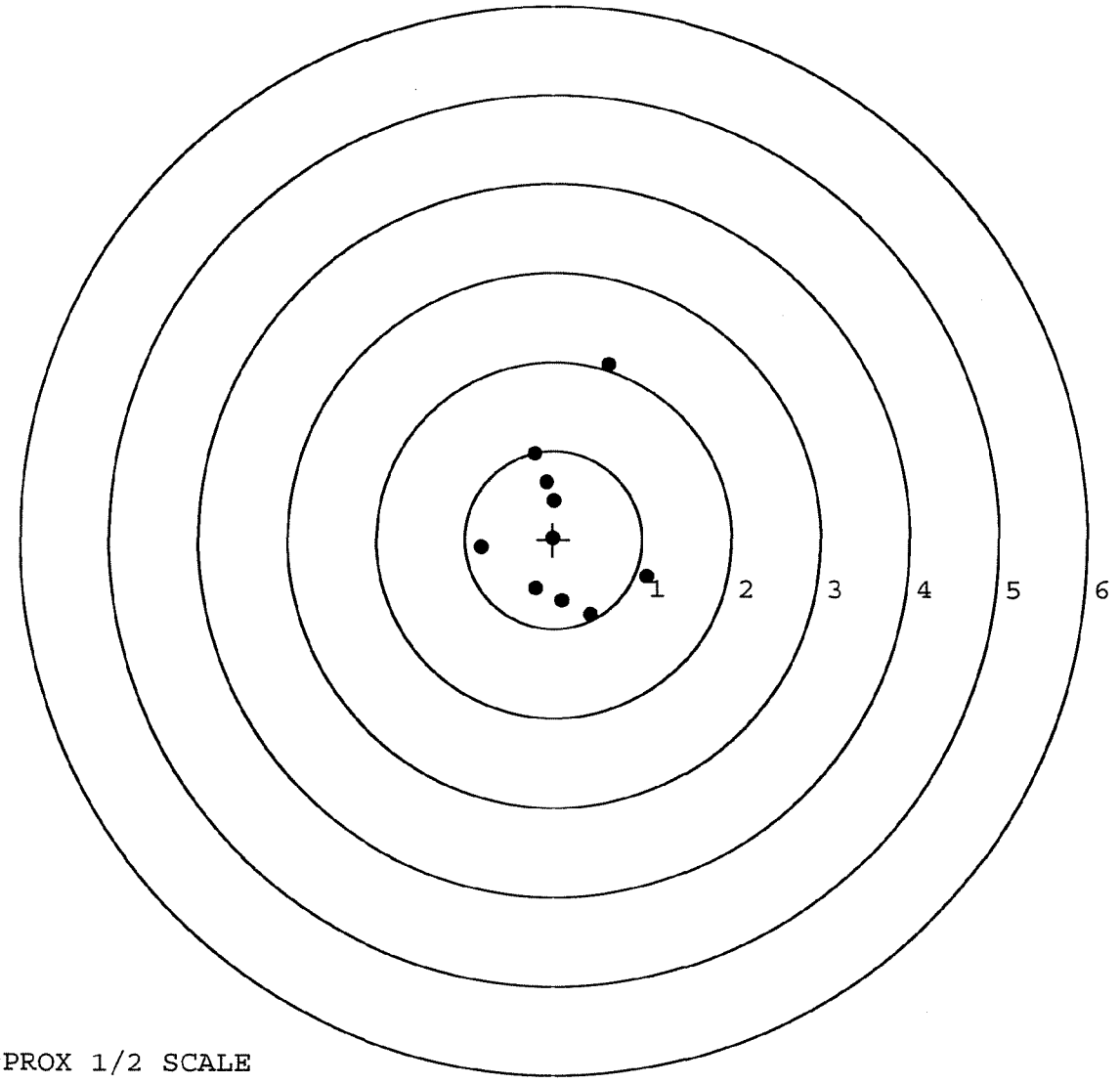
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.064
The Average Y Centroid of the Five Target Set:	0.087
The Average Point of Impact of the Five Target Set:	0.108
The Average Mean Radius of the Five Target Set:	0.659
The Distance from POA to Centroid Target #1:	0.169
The Distance from Centroid Target #2 to Centroid Target #1:	0.211
The Distance from Centroid Target #3 to Centroid Target #1:	0.157
The Distance from Centroid Target #4 to Centroid Target #1:	0.199
The Distance from Centroid Target #5 to Centroid Target #1:	0.024

SERIAL NUMBER: C6348879.__0
TARGET NUMBER: 1
FILE DATE: 06/09/2009
FILE TIME: 07:18

X CENTROID:	0.087
Y CENTROID:	0.145
POA TO CENTROID:	0.169
HORZ SPREAD:	1.864
VERT SPREAD:	2.817
GROUP SPREAD:	2.825
MIN RADIUS:	0.162
MAX RADIUS:	1.902
MEAN RADIUS:	0.847
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.013	0.017
2:	1.049	-0.416
3:	0.417	-0.848
4:	0.094	-0.692
5:	-0.204	-0.553
6:	-0.815	-0.092
7:	0.624	1.969
8:	-0.207	0.973
9:	-0.080	0.653
10:	0.006	0.437

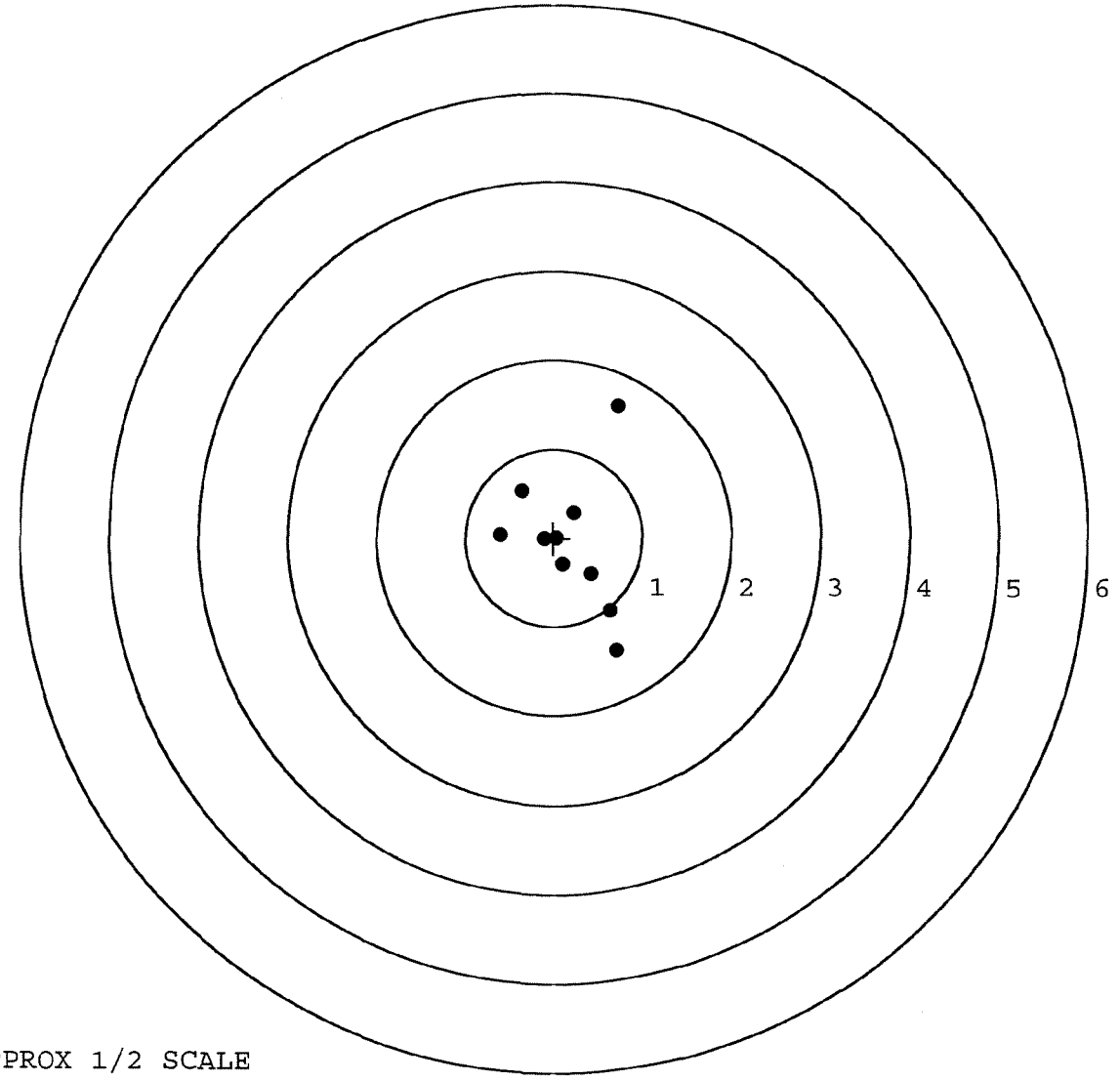


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348879.__0
TARGET NUMBER: 2
FILE DATE: 06/09/2009
FILE TIME: 07:18

X CENTROID:	0.178
Y CENTROID:	-0.045
POA TO CENTROID:	0.184
HORZ SPREAD:	1.341
VERT SPREAD:	2.760
GROUP SPREAD:	2.760
MIN RADIUS:	0.149
MAX RADIUS:	1.628
MEAN RADIUS:	0.693
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.038	0.003
2:	0.732	1.486
3:	0.707	-1.274
4:	0.636	-0.820
5:	0.426	-0.404
6:	0.102	-0.299
7:	-0.364	0.540
8:	-0.609	0.039
9:	0.221	0.290
10:	-0.104	-0.012

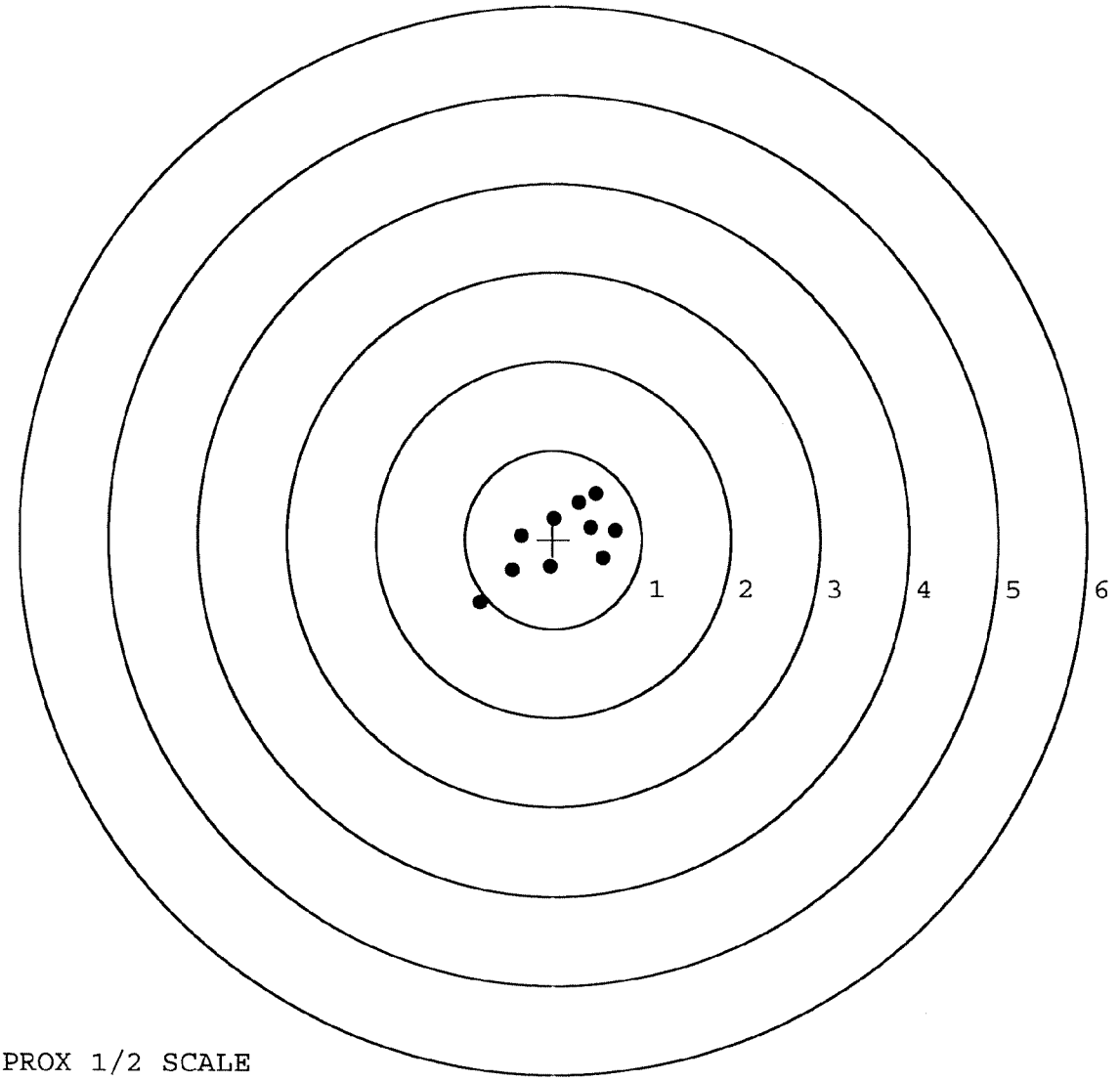


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348879.__0
TARGET NUMBER: 3
FILE DATE: 06/09/2009
FILE TIME: 07:18

X CENTROID:	0.078
Y CENTROID:	-0.012
POA TO CENTROID:	0.079
HORZ SPREAD:	1.533
VERT SPREAD:	1.231
GROUP SPREAD:	1.799
MIN RADIUS:	0.259
MAX RADIUS:	1.146
MEAN RADIUS:	0.548
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.829	-0.712
2:	-0.461	-0.341
3:	-0.038	-0.304
4:	0.563	-0.210
5:	0.704	0.102
6:	0.483	0.519
7:	0.290	0.415
8:	0.009	0.238
9:	-0.364	0.042
10:	0.426	0.135

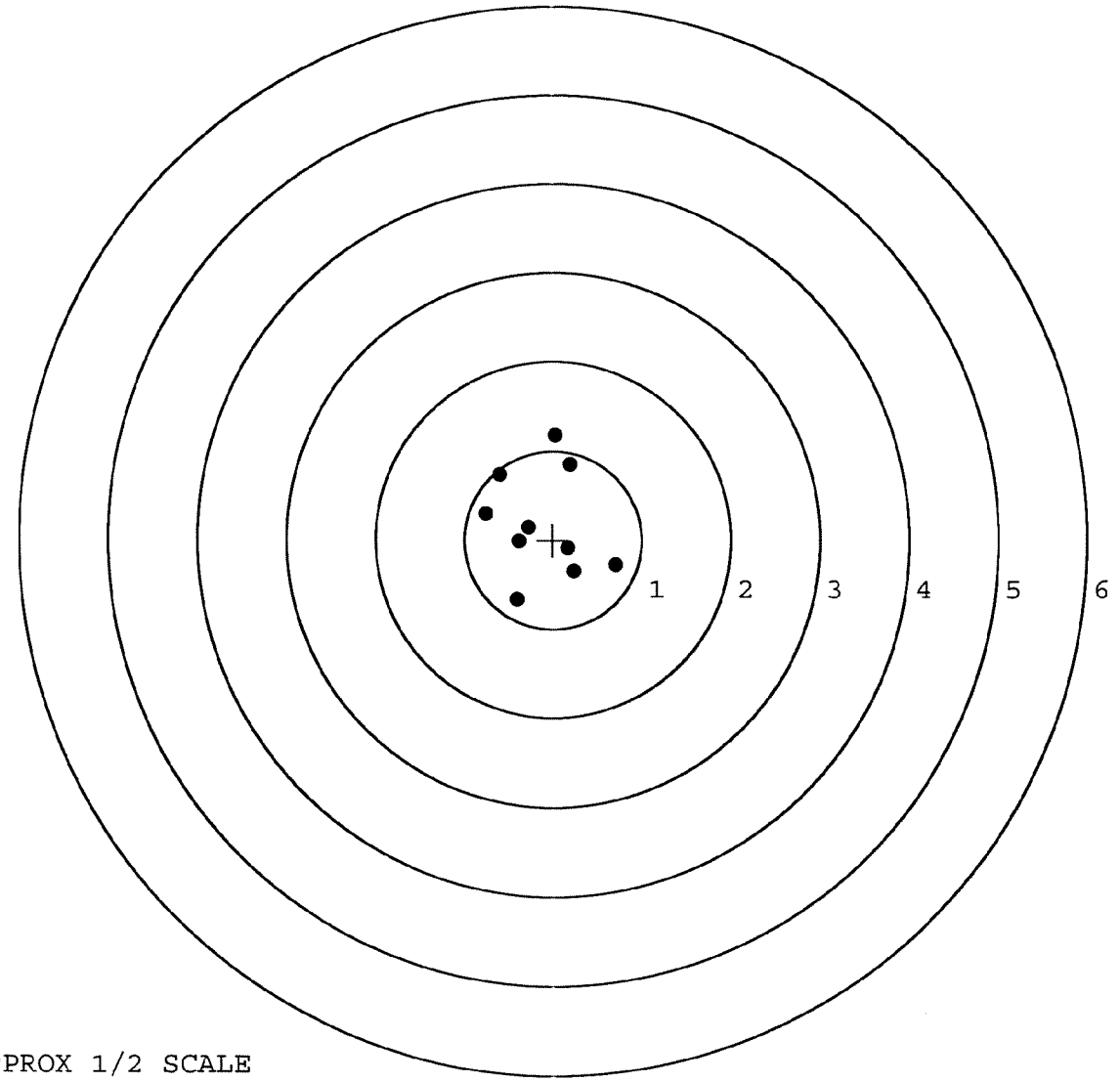


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348879.__0
TARGET NUMBER: 4
FILE DATE: 06/09/2009
FILE TIME: 07:18

X CENTROID:	-0.110
Y CENTROID:	0.177
POA TO CENTROID:	0.208
HORZ SPREAD:	1.471
VERT SPREAD:	1.847
GROUP SPREAD:	1.898
MIN RADIUS:	0.175
MAX RADIUS:	1.007
MEAN RADIUS:	0.654
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.032	1.174
2:	0.197	0.849
3:	-0.604	0.735
4:	-0.761	0.298
5:	-0.387	-0.019
6:	-0.282	0.145
7:	-0.407	-0.673
8:	0.237	-0.355
9:	0.170	-0.098
10:	0.710	-0.286

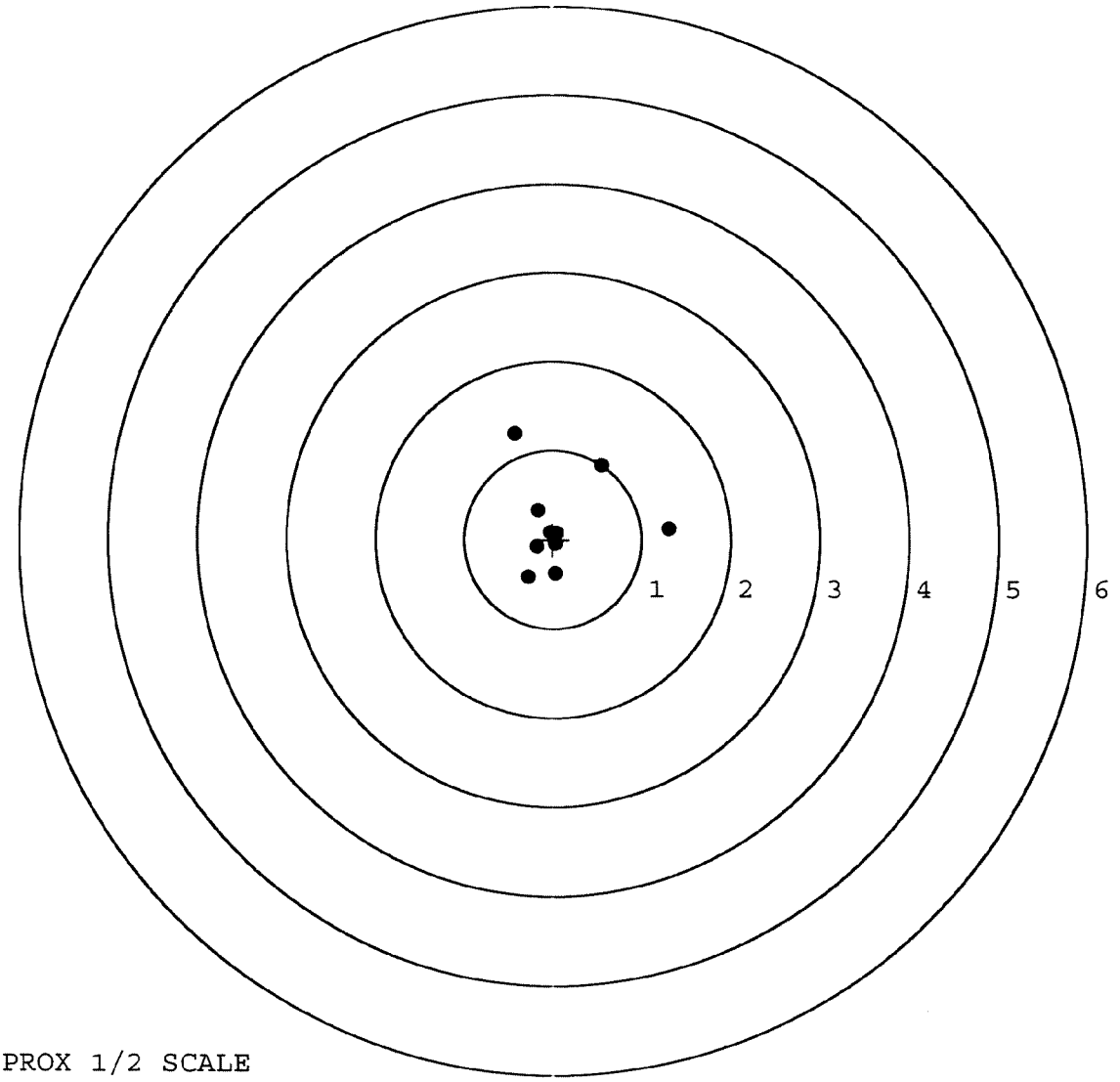


TARGET APPROX 1/2 SCALE

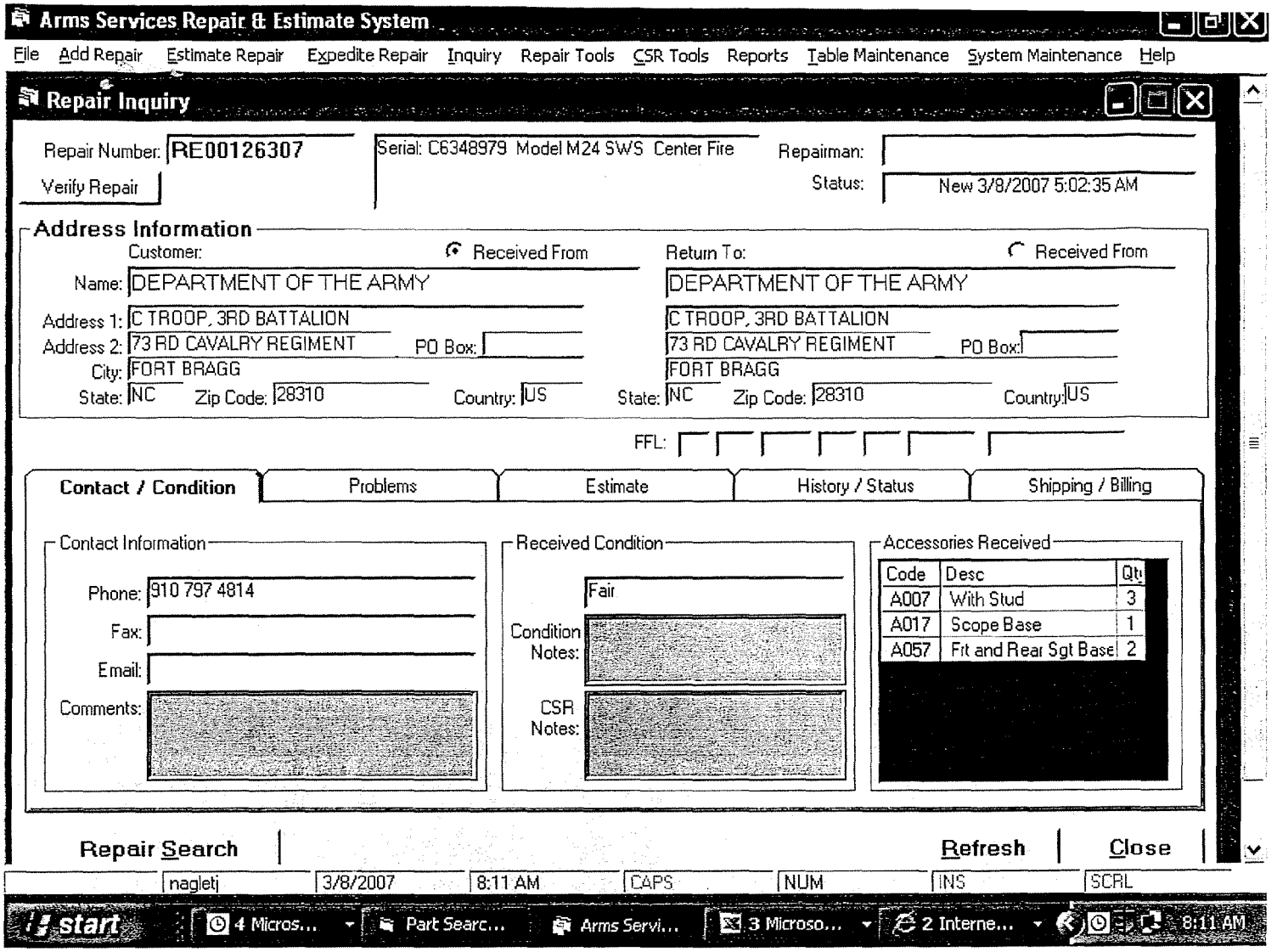
SERIAL NUMBER: C6348879.__0
TARGET NUMBER: 5
FILE DATE: 06/09/2009
FILE TIME: 07:18

X CENTROID:	0.086
Y CENTROID:	0.168
POA TO CENTROID:	0.189
HORZ SPREAD:	1.736
VERT SPREAD:	1.603
GROUP SPREAD:	2.035
MIN RADIUS:	0.098
MAX RADIUS:	1.220
MEAN RADIUS:	0.556
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.431	1.181
2:	0.552	0.828
3:	1.305	0.120
4:	-0.171	0.333
5:	0.045	0.079
6:	0.030	-0.382
7:	-0.284	-0.422
8:	-0.184	-0.086
9:	0.029	-0.049
10:	-0.029	0.082



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: RE00126307
Verify Repair
Serial: C6348979 Model M24 SWS Center Fire
Repairman:
Status: New 3/8/2007 5:02:35 AM
Address Information
Customer: Received From
Name: DEPARTMENT OF THE ARMY
Address 1: C TROOP, 3RD BATTALION
Address 2: 73 RD CAVALRY REGIMENT PO Box:
City: FORT BRAGG
State: NC Zip Code: 28310 Country: US
Return To: Received From
DEPARTMENT OF THE ARMY
C TROOP, 3RD BATTALION
73 RD CAVALRY REGIMENT PO Box:
FORT BRAGG
State: NC Zip Code: 28310 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone: 910 797 4814
Fax:
Email:
Comments:
Received Condition
Fair
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A007 With Stud 3
A017 Scope Base 1
A057 Frt and Rear Sgt Base 2
Repair Search
Refresh
Close
nagletj 3/8/2007 8:11 AM CAPS NUM INS SCRL
start 4 Micros... Part Searc... Arms Servi... 3 Microso... 2 Interne... 8:11 AM


Serial Number:
C6348979
Model: M24 SWS
RE00126307

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348979.__0
FILE DATE AND TIME: 03/26/2007 22:51

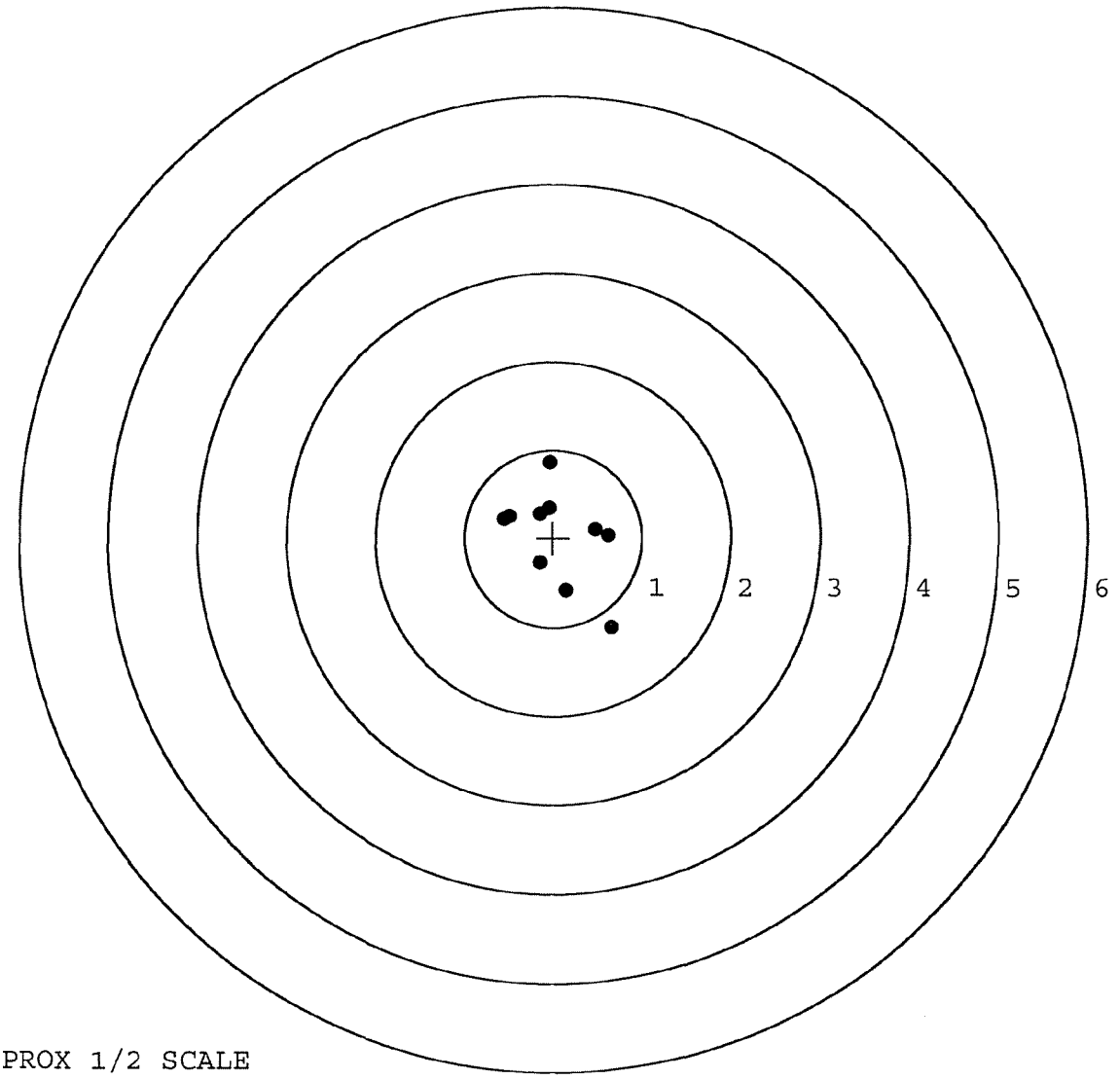
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.035
The Average Y Centroid of the Five Target Set:	0.008
The Average Point of Impact of the Five Target Set:	0.036
The Average Mean Radius of the Five Target Set:	0.601
The Distance from POA to Centroid Target #1:	0.052
The Distance from Centroid Target #2 to Centroid Target #1:	0.102
The Distance from Centroid Target #3 to Centroid Target #1:	0.163
The Distance from Centroid Target #4 to Centroid Target #1:	0.118
The Distance from Centroid Target #5 to Centroid Target #1:	0.139

SERIAL NUMBER: C6348979.__0
TARGET NUMBER: 1
FILE DATE: 03/26/2007
FILE TIME: 22:51

X CENTROID:	0.048
Y CENTROID:	0.019
POA TO CENTROID:	0.052
HORZ SPREAD:	1.217
VERT SPREAD:	1.858
GROUP SPREAD:	1.984
MIN RADIUS:	0.328
MAX RADIUS:	1.189
MEAN RADIUS:	0.591
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.557	0.215
2:	-0.145	-0.285
3:	0.152	-0.593
4:	0.660	-1.001
5:	0.622	0.029
6:	0.477	0.095
7:	-0.152	0.279
8:	-0.041	0.341
9:	-0.037	0.857
10:	-0.497	0.249

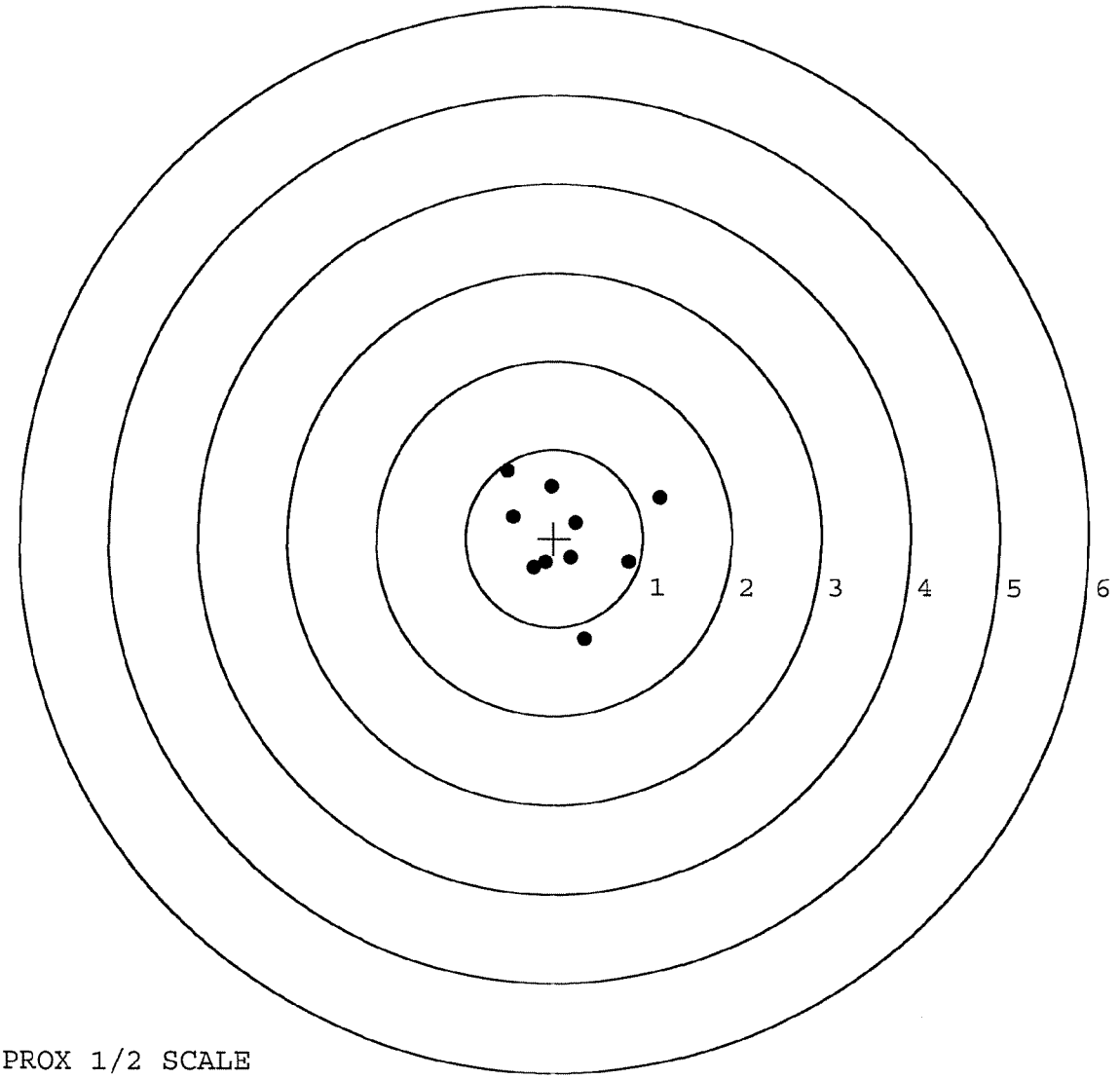


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348979.__0
TARGET NUMBER: 2
FILE DATE: 03/26/2007
FILE TIME: 22:51

X CENTROID:	0.149
Y CENTROID:	-0.001
POA TO CENTROID:	0.149
HORZ SPREAD:	1.726
VERT SPREAD:	1.900
GROUP SPREAD:	2.096
MIN RADIUS:	0.200
MAX RADIUS:	1.152
MEAN RADIUS:	0.662
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.465	0.242
2:	-0.533	0.766
3:	-0.031	0.582
4:	0.243	0.176
5:	1.193	0.454
6:	0.851	-0.272
7:	0.353	-1.134
8:	0.195	-0.219
9:	-0.092	-0.269
10:	-0.225	-0.331

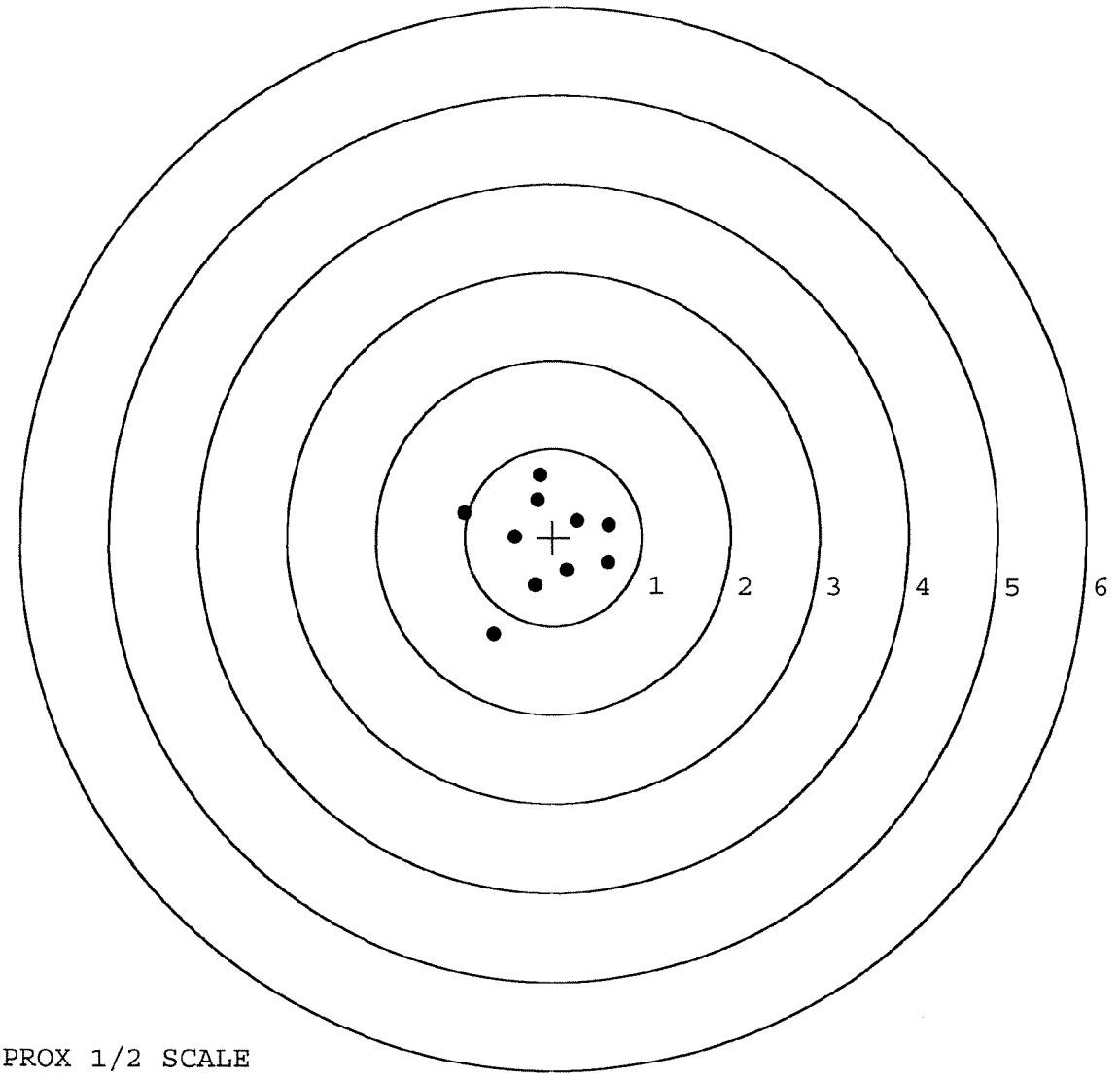


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348979.__0
TARGET NUMBER: 3
FILE DATE: 03/26/2007
FILE TIME: 22:51

X CENTROID:	-0.094
Y CENTROID:	-0.060
POA TO CENTROID:	0.112
HORZ SPREAD:	1.634
VERT SPREAD:	1.790
GROUP SPREAD:	1.864
MIN RADIUS:	0.350
MAX RADIUS:	1.184
MEAN RADIUS:	0.660
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.001	0.273
2:	-0.438	0.005
3:	-0.671	-1.094
4:	-0.199	-0.549
5:	0.166	-0.376
6:	0.630	-0.291
7:	0.633	0.134
8:	0.267	0.184
9:	-0.178	0.419
10:	-0.150	0.696

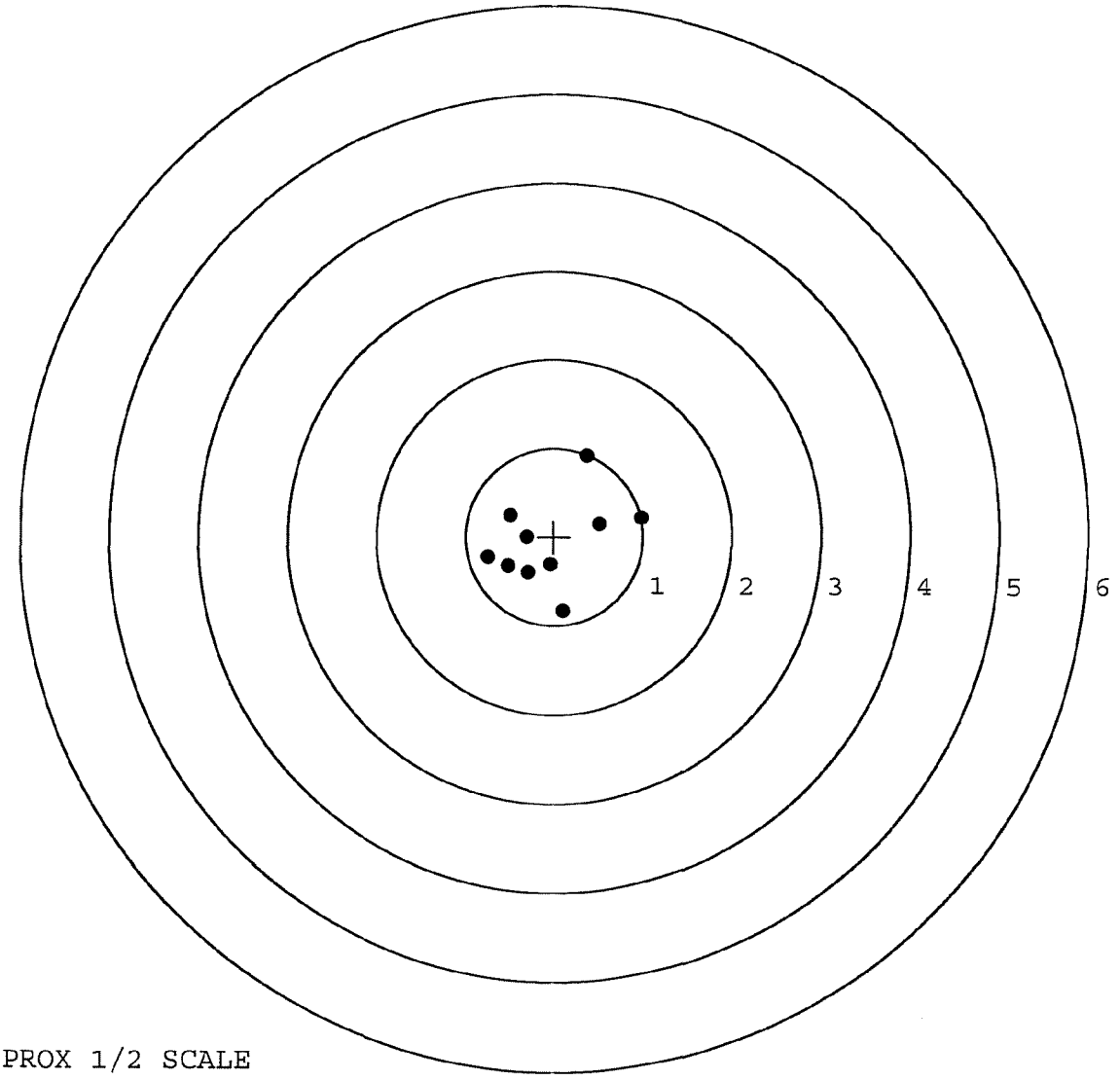


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348979.__0
TARGET NUMBER: 4
FILE DATE: 03/26/2007
FILE TIME: 22:51

X CENTROID:	-0.041
Y CENTROID:	-0.058
POA TO CENTROID:	0.071
HORZ SPREAD:	1.725
VERT SPREAD:	1.761
GROUP SPREAD:	1.781
MIN RADIUS:	0.257
MAX RADIUS:	1.062
MEAN RADIUS:	0.629
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.367	0.917
2:	0.513	0.149
3:	0.984	0.217
4:	0.112	-0.844
5:	-0.034	-0.314
6:	-0.291	-0.403
7:	-0.515	-0.327
8:	-0.741	-0.228
9:	-0.313	0.006
10:	-0.497	0.251

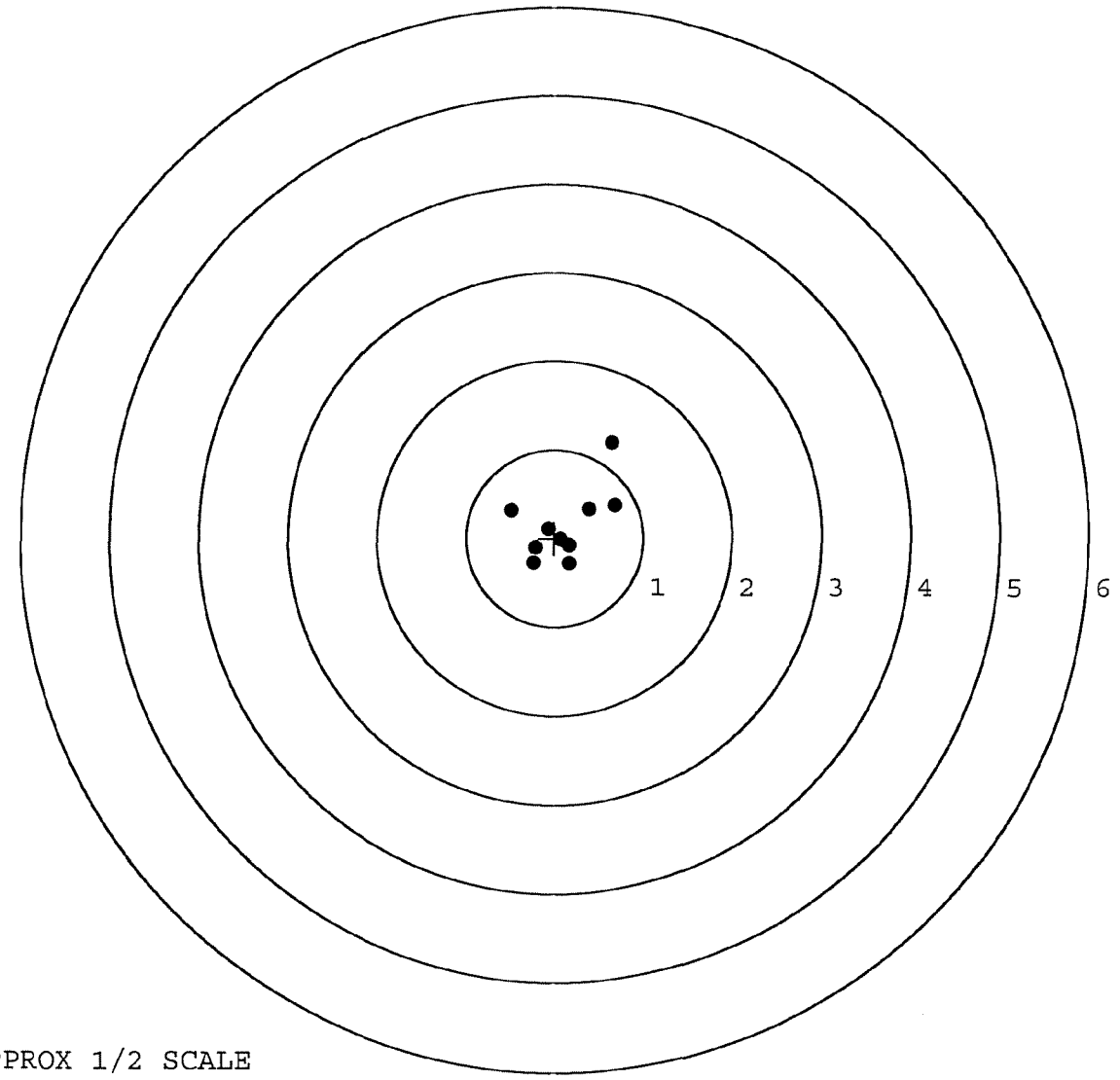


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348979.__0
TARGET NUMBER: 5
FILE DATE: 03/26/2007
FILE TIME: 22:51

X CENTROID:	0.113
Y CENTROID:	0.141
POA TO CENTROID:	0.181
HORZ SPREAD:	1.177
VERT SPREAD:	1.365
GROUP SPREAD:	1.619
MIN RADIUS:	0.164
MAX RADIUS:	1.078
MEAN RADIUS:	0.465
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.491	0.315
2:	-0.233	-0.281
3:	-0.219	-0.112
4:	-0.073	0.106
5:	0.177	-0.290
6:	0.173	-0.086
7:	0.388	0.331
8:	0.686	0.371
9:	0.651	1.075
10:	0.068	-0.017



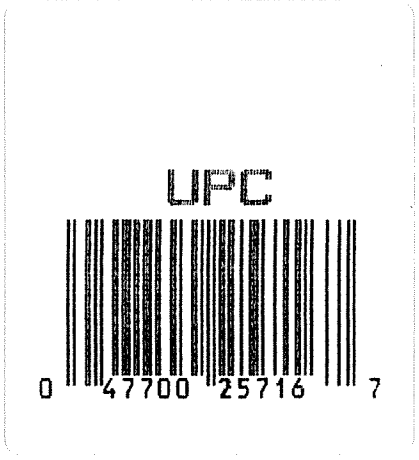
TARGET APPROX 1/2 SCALE

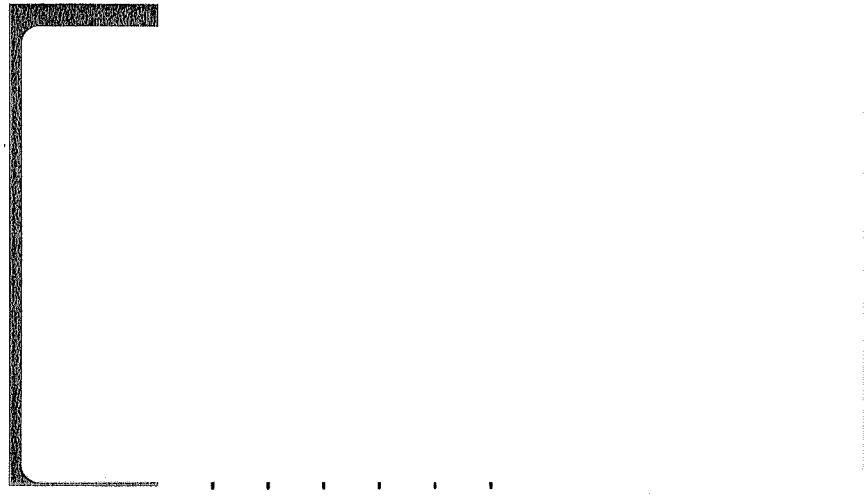
M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	126307
SERIAL NUMBER	C6348979
LOG-IN DATE	3-8-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		3-8-07	RTZ
505	RE-BARREL		3-15-07	RTZ
560	ASSEMBLE		3-15-07	RTZ
600	PROOF		3-15-07	FM
605	CHECK HEADSPACE	INSPECTED	3-15-07	FM
610	DIS-ASSEMBLE GUN	MAR 20 2007	3-19-07	RTZ
612	MAGNAFLUX	OPERATOR	3/20/07	
510	DRILL AND TAP		3-20-07	TRW
615	ROLLMARK CALIBER		3-20-07	CW
618	ROTO-BLAST		3-21-07	LB
620	APPLY COATINGS		3/23/07	RB
625	FINAL ASSEMBLY		3-26-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	3-26-07	
650	TARGET	(PASS) FAIL	3-26-07	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		3-28-07	RTZ
	A) HEADSPACE	(PASS) FAIL	3-28-07	RTZ
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.18 2.19 2.24 2.22 2.22	3-28-07	DA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5.0 4.5 4.5	3-28-07	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	3.5 3.5 3.5	3-28-07	DA
	I) FIRING PIN INDENT (.020)	.023 .024 .024	3-28-07	DA
690	PACK		3-28-07	DA

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON





M2400043156

INTERCHANGEABILITY

CONTRACT # DAAA21-87-C-0086

Scope 0761

GUN SERIAL # C6348979

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A.C.
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber		10/18/89	G.S.
7	Drill and Tap Sight Holes	10 1689		LB
618	Polish Barrel RB	10 1689		BT
620	Apply Coatings (Barrel Action)		10-27-89	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/89	RW
	C) Inspect Ejector Hole for Chamfer		10/30/89	RW
	D) Oil Firing Pin Ass'y		10/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/1/89	WB

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11/3/89	JH
	G) Safety Off Force	3	3	3			11/3/89	JH
	H) Trigger Pull Test & Retainability						11/1/89	WB
	I) Firing Pin Indent	.022	.021	.0215			11/3/89	JH
	J) Assemble Stock						11/3/89	RW
	K) Assemble Swivel Studs						11/6/89	JH
	L) Attach Front and Rear Sight Assemblies						11/3/89	RW
	M) Iron Sight Alignment						11/3/89	RW
	N) Detach Front & Rear Sights & place in numbered container						11/3/89	RW
	O) Attach Scope to Rifle						11/6/89	JH
	P) Detach & Attach Scope 20 Times						11/6/89	JH
640	Gallery Target & Test						11-7-89	DH
	A) Time						11-7-89	DH
	B) Malfunctions						11-7-89	DH
	C) Pierced Primers						11-7-89	DH
	D) Optical Clearity of Scope						11-7-89	DH
645	Inspect for Live Ammo						11-7-89	DH
655	Final Inspection A) Headspace						11/6/89	JH
	B) Trigger Pull	2.55	2.71	2.82	2.85	2.80	11/6/89	JH
	C) Function						11/6/89	JH
660	Pack						11/6/89	JH

RC-32

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6348979
DATE 3-13-90
TESTER [signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.61	2.29		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPTABLE LESS THAN 2#
PULL #2	2.43	2.38	2.09		
PULL #3	2.35	2.40	2.53		
PULL #4	2.42	2.38	2.40		
PULL #5	2.39	2.48	2.18		
TOTAL	11.90	12.25	11.49		
AVG.	2.38	2.45	2.298		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.59	3.42		
PULL #2	3.53	3.43		
PULL #3	3.53	3.38		
PULL #4	3.28	3.46		
PULL #5	3.44	3.48		
TOTAL	17.37	16.17		
AVG.	3.474	3.234		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.48	4.25		
PULL #2	4.26	4.14		
PULL #3	4.00	4.35		
PULL #4	4.51	4.36		
PULL #5	4.50	4.44		
TOTAL	21.75	21.54		
AVG.	4.35	4.308		

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

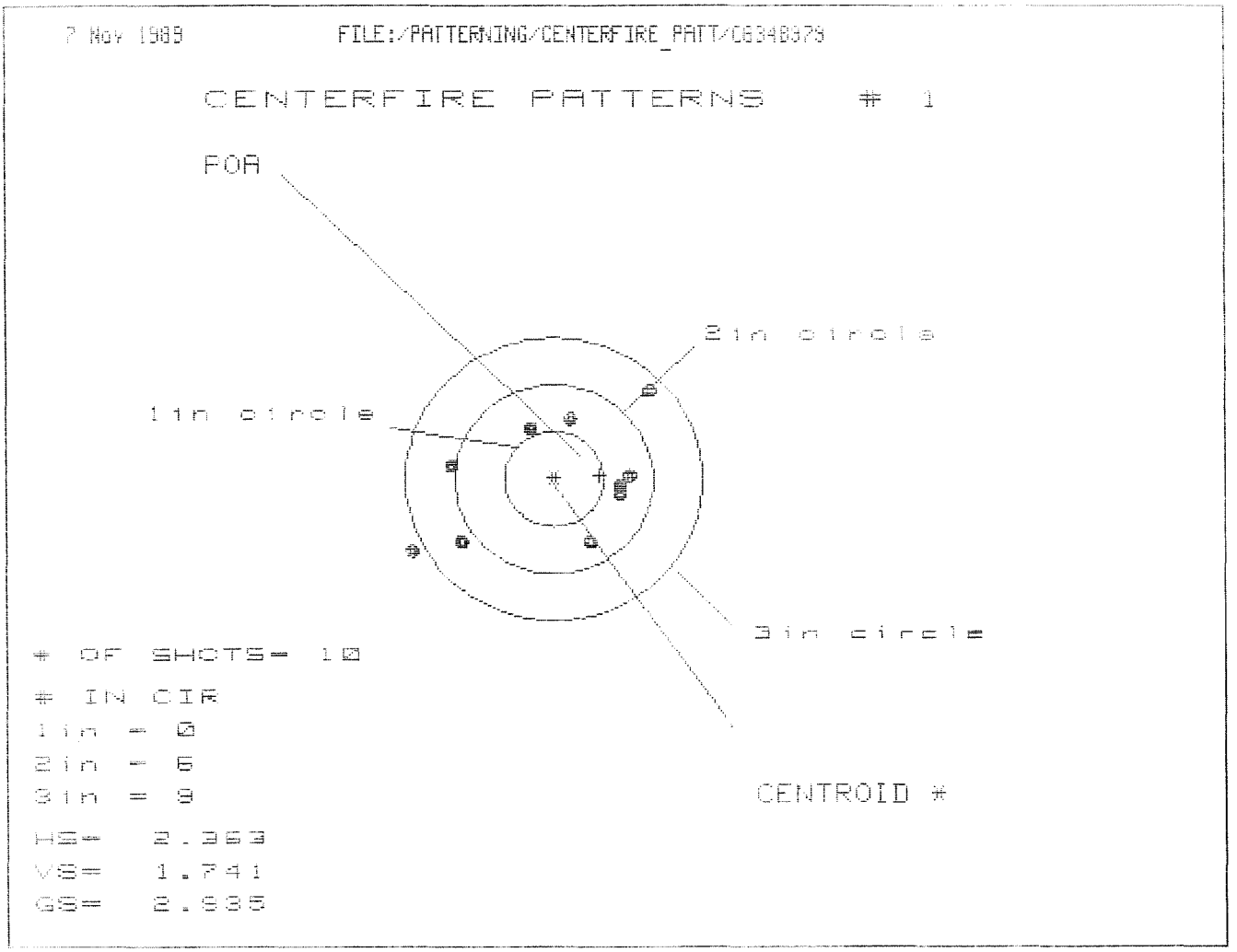
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348979
7 Nov 1989

CENTROIDAL DISTANCES

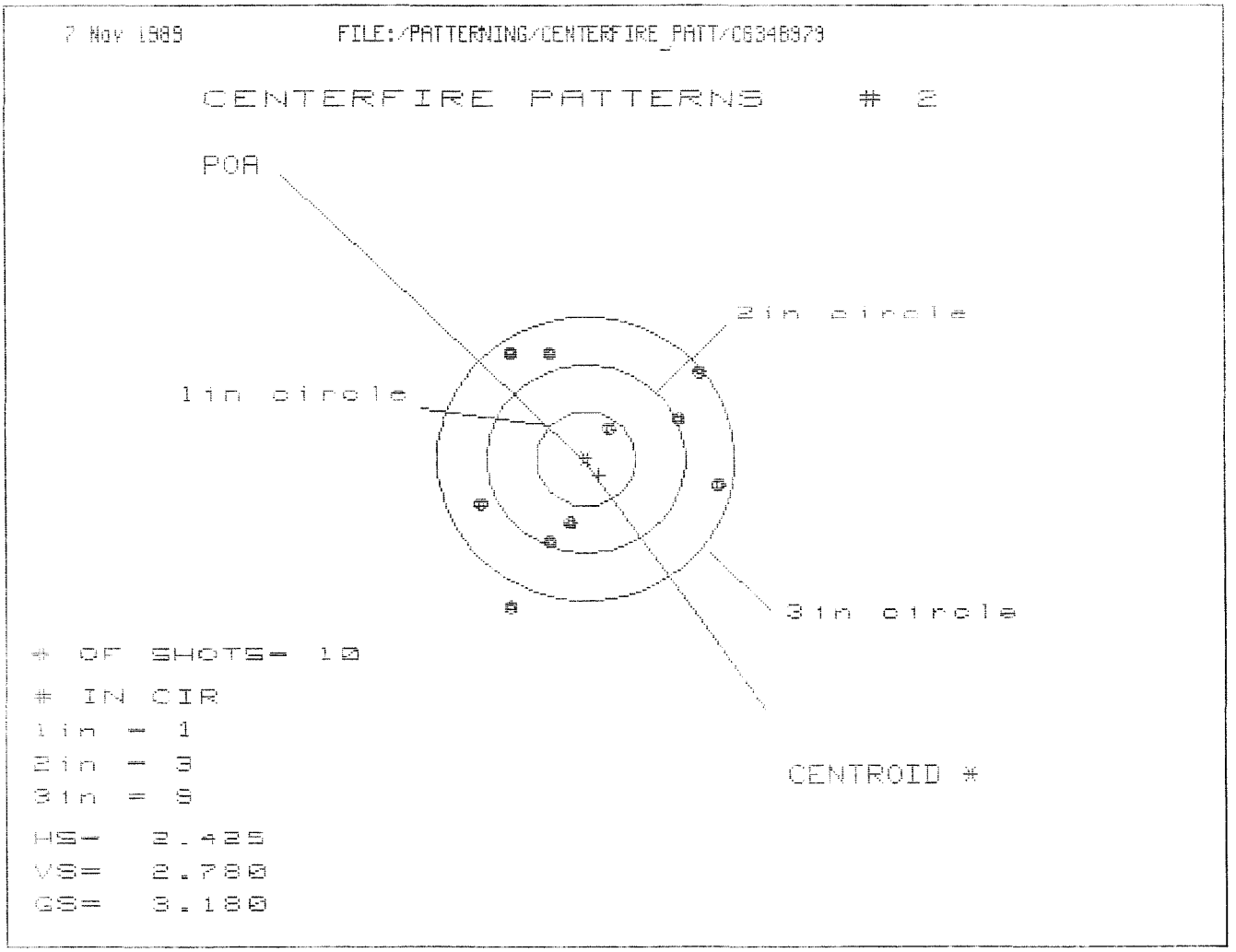
0	TO	1	.465636
1	TO	2	.392771
1	TO	3	.821736
1	TO	4	.560022
1	TO	5	.440459

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2076
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0554
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .214865

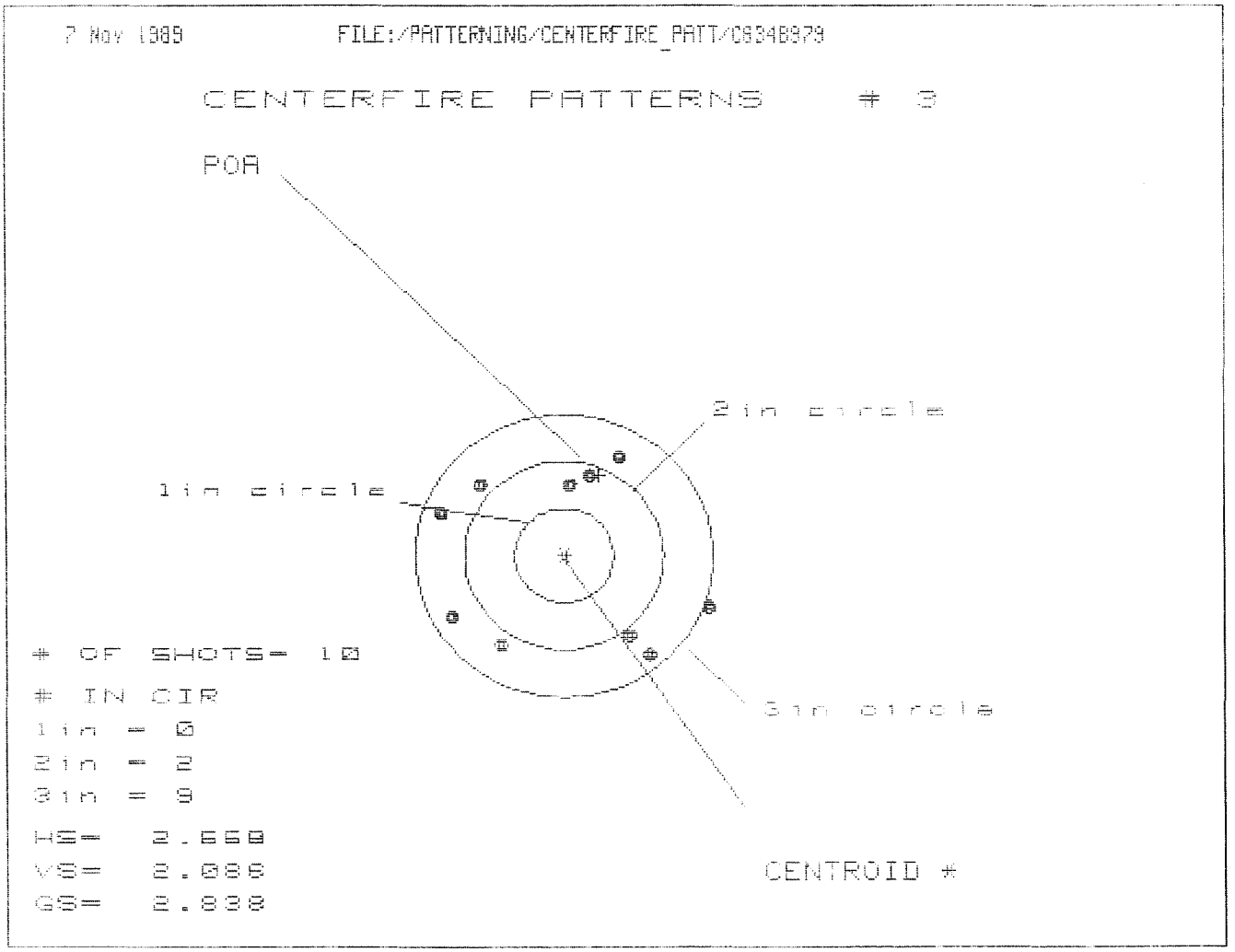
THE AMR FOR THIS RIFLE IS: 1.065



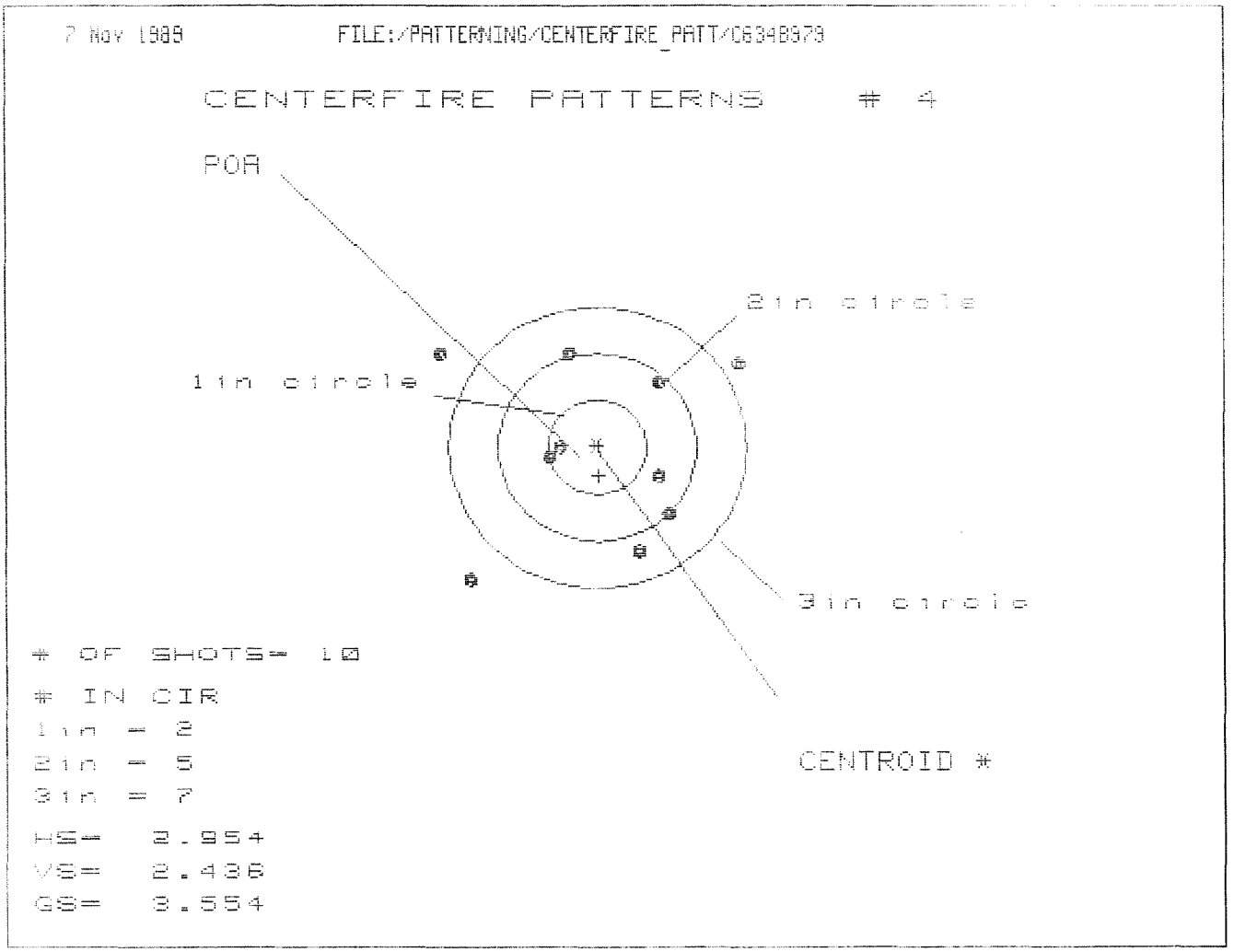
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.955	.799	.664
MINIMUM X	:	-1.408	-1.224	-1.124
MAXIMUM Y	:	.969	.884	.618
MINIMUM Y	:	-.772	-.777	-.667
CENTROID X	:	-.464	-.308	-.408
CENTROID Y	:	-.039	.046	-.064
POA TO CENTROID in.	:	.466	.311	.413
MIN RADIUS	:	.623	.509	.614
MEAN RADIUS	:	.927	.813	.778
MAX RADIUS	:	1.605	1.268	1.140
HORIZONTAL SPREAD	:	2.363	2.023	1.788
VERTICAL SPREAD	:	1.741	1.661	1.285
EXTREME SPREAD	:	2.935	2.440	1.795
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



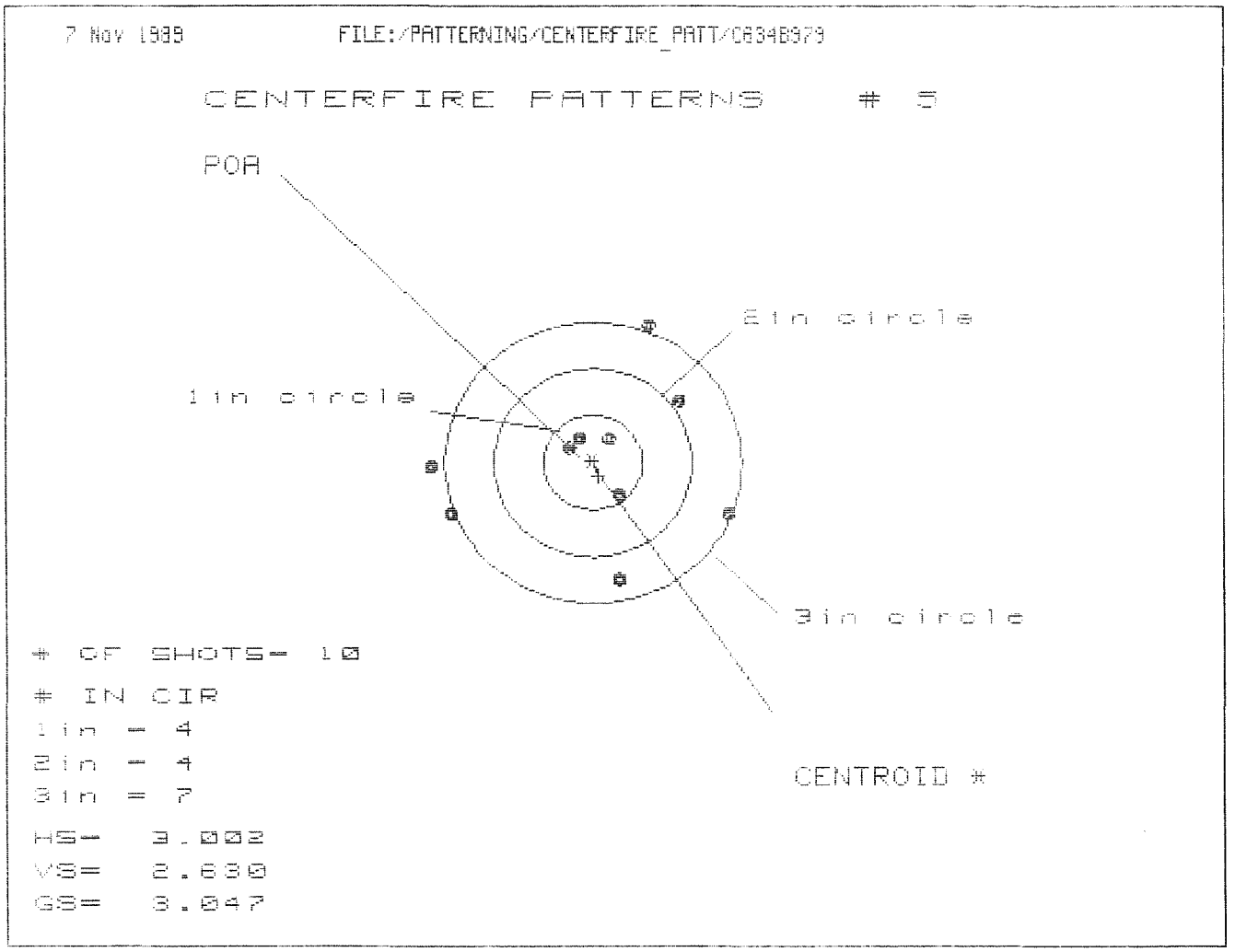
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.342	1.254	1.389
MINIMUM X	:	-1.083	-1.171	-1.036
MAXIMUM Y	:	1.160	.980	1.068
MINIMUM Y	:	-1.620	-1.101	-1.013
CENTROID X	:	-.134	-.046	-.181
CENTROID Y	:	.174	.354	.266
POA TO CENTROID in.	:	.220	.357	.322
MIN RADIUS	:	.421	.222	.376
MEAN RADIUS	:	1.153	1.055	1.029
MAX RADIUS	:	1.804	1.331	1.434
HORIZONTAL SPREAD	:	2.425	2.425	2.425
VERTICAL SPREAD	:	2.780	2.081	2.081
EXTREME SPREAD	:	3.180	2.605	2.544
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.438	.982	.849
MINIMUM X	:	-1.230	-1.071	-1.085
MAXIMUM Y	:	1.080	1.024	1.074
MINIMUM Y	:	-1.006	-1.062	-1.012
CENTROID X	:	-.359	-.518	-.385
CENTROID Y	:	-.854	-.798	-.848
POA TO CENTROID in.	:	.926	.951	.931
MIN RADIUS	:	.764	.744	.761
MEAN RADIUS	:	1.161	1.107	1.097
MAX RADIUS	:	1.524	1.447	1.320
HORIZONTAL SPREAD	:	2.668	2.053	1.934
VERTICAL SPREAD	:	2.086	2.086	2.086
EXTREME SPREAD	:	2.838	2.523	2.457
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.422	1.281	1.072
MINIMUM X	:	-1.532	-1.673	-.796
MAXIMUM Y	:	1.015	.857	.956
MINIMUM Y	:	-1.421	-1.225	-1.126
CENTROID X	:	-.019	.122	.331
CENTROID Y	:	.301	.459	.360
POA TO CENTROID in.	:	.302	.475	.489
MIN RADIUS	:	.362	.525	.460
MEAN RADIUS	:	1.109	1.020	.898
MAX RADIUS	:	1.905	1.851	1.364
HORIZONTAL SPREAD	:	2.954	2.954	1.868
VERTICAL SPREAD	:	2.436	2.082	2.082
EXTREME SPREAD	:	3.554	2.954	2.204
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.357	1.174	1.222
MINIMUM X	:	-1.645	-1.600	-1.552
MAXIMUM Y	:	1.430	1.429	.801
MINIMUM Y	:	-1.200	-1.201	-1.022
CENTROID X	:	-.062	.121	.073
CENTROID Y	:	.141	.142	-.037
POA TO CENTROID in.	:	.154	.187	.082
MIN RADIUS	:	.237	.295	.237
MEAN RADIUS	:	.973	.894	.826
MAX RADIUS	:	1.645	1.702	1.603
HORIZONTAL SPREAD	:	3.002	2.774	2.774
VERTICAL SPREAD	:	2.630	2.630	1.823
EXTREME SPREAD	:	3.047	2.822	2.774
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

INTERCHANGEABILITY

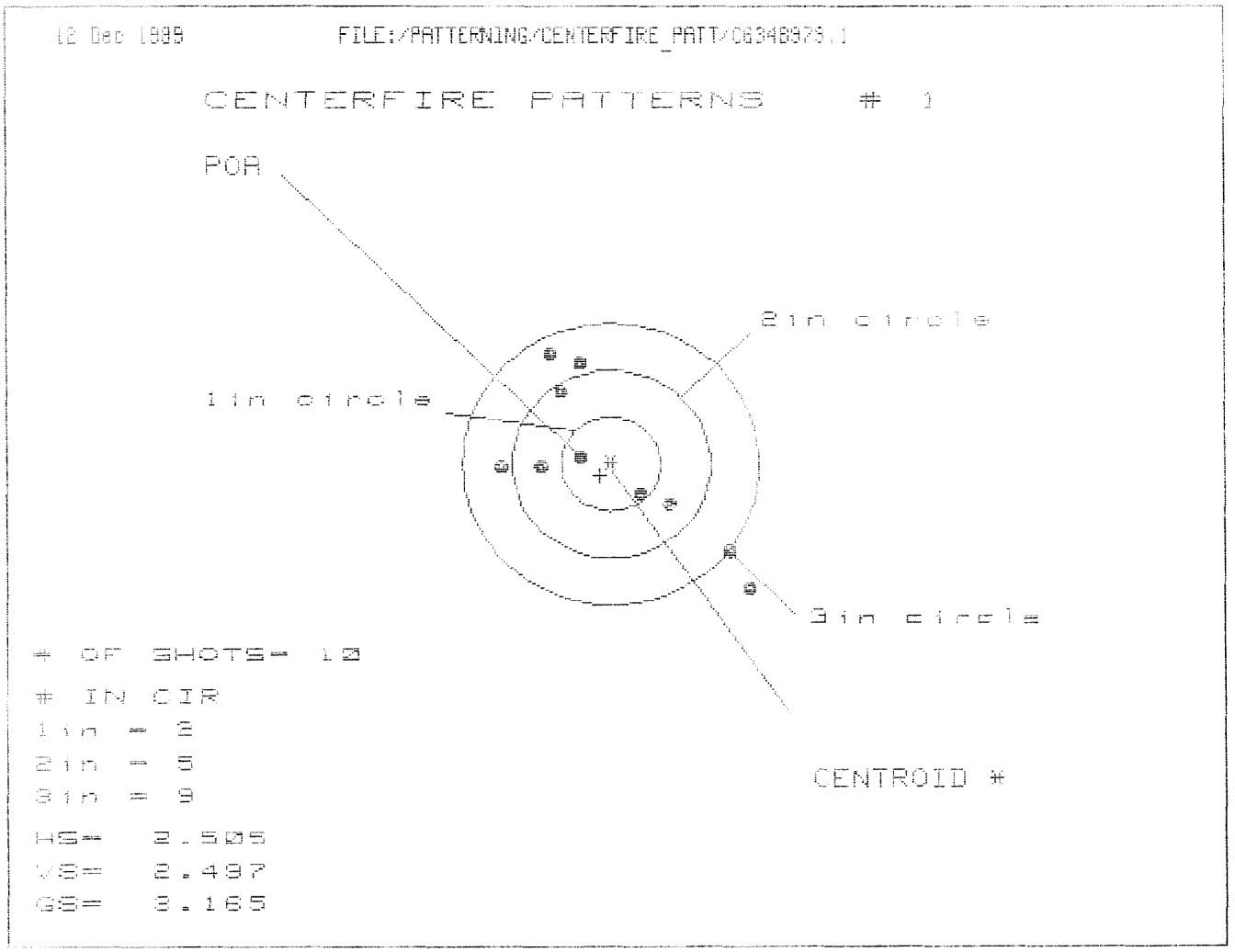
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348979
12 Dec 1989

CENTROIDAL DISTANCES

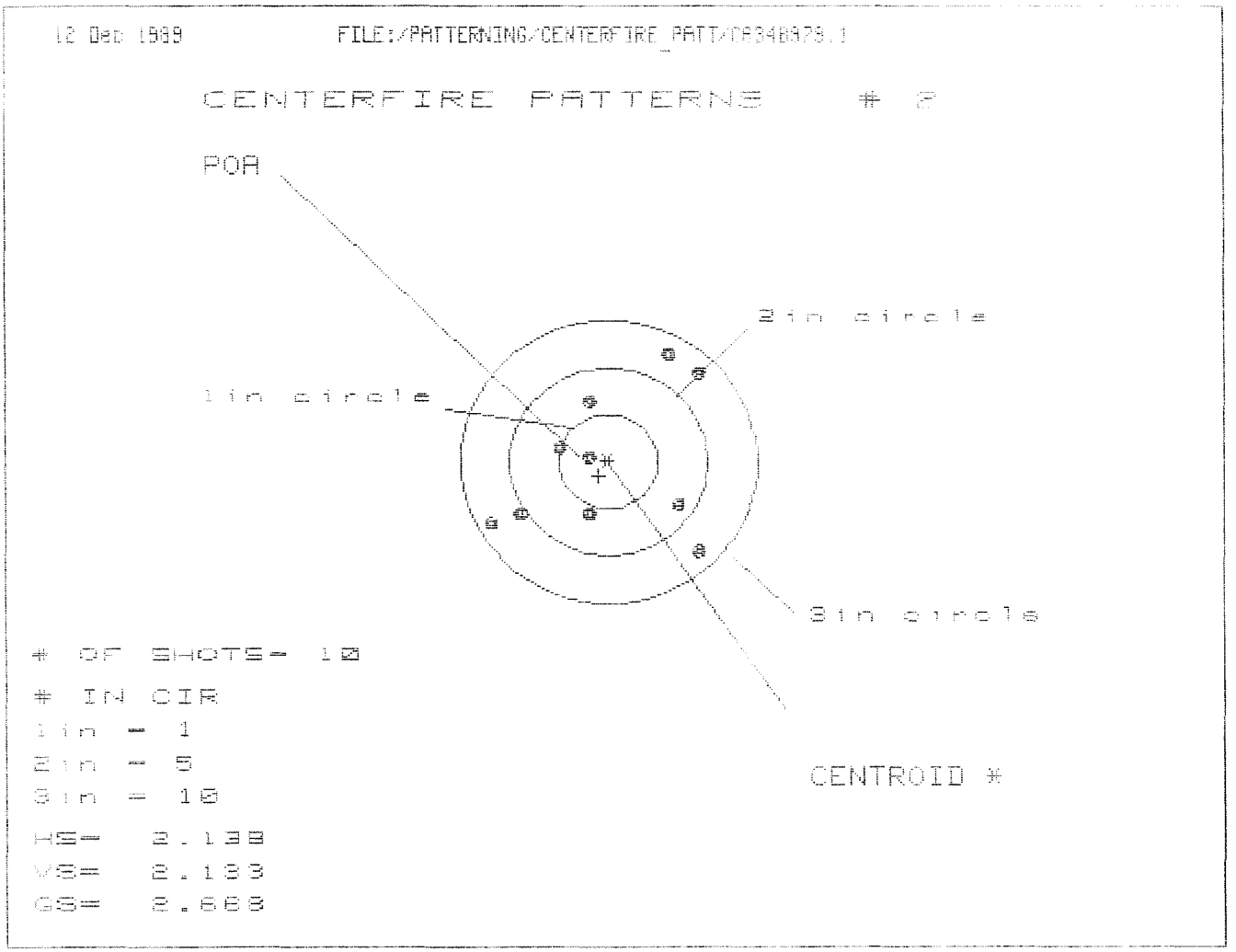
0	TO	1	.165012
1	TO	2	.0326497
1	TO	3	.246343
1	TO	4	.194126
1	TO	5	.248853

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .073
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0348
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0808705

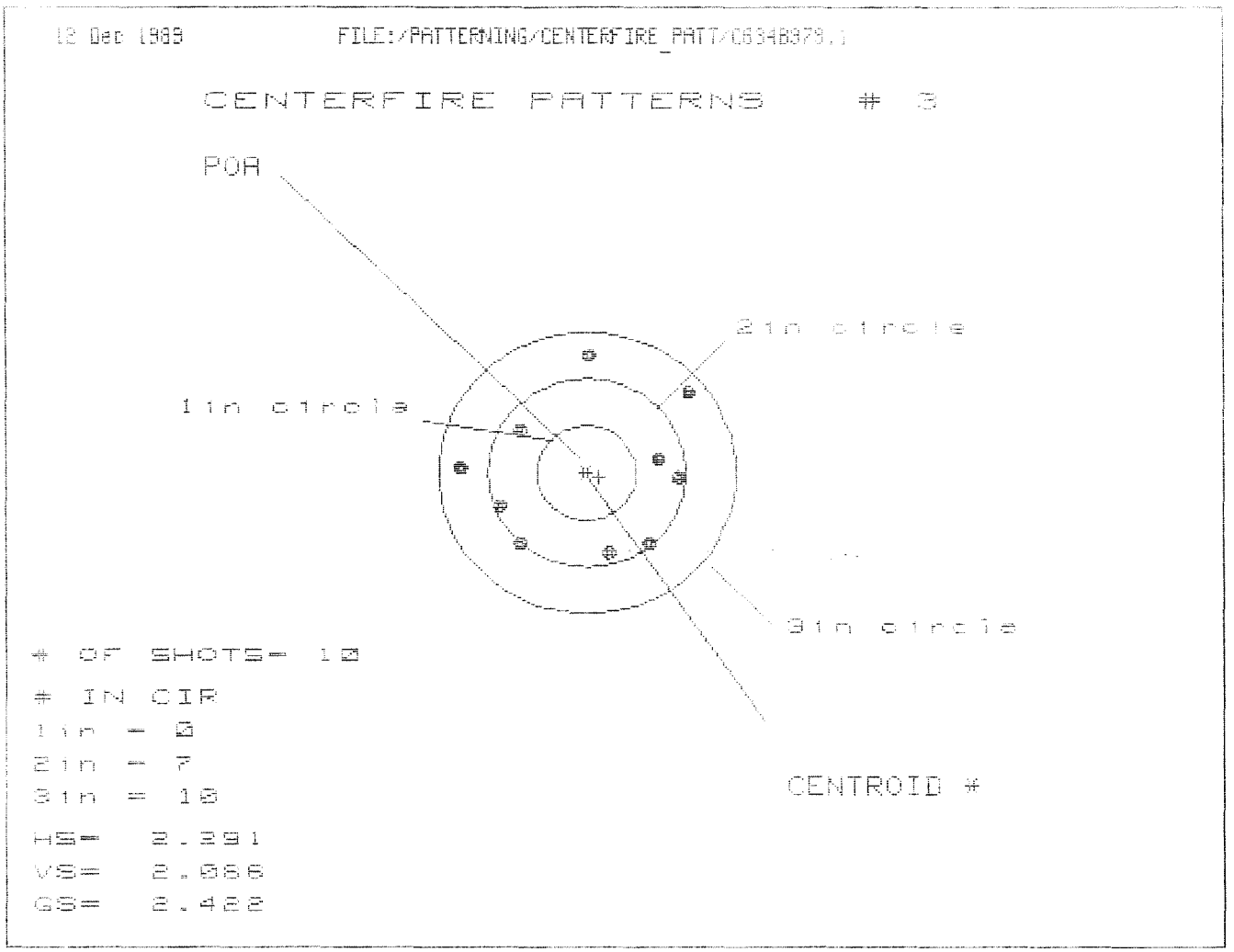
THE AMR FOR THIS RIFLE IS: .9406



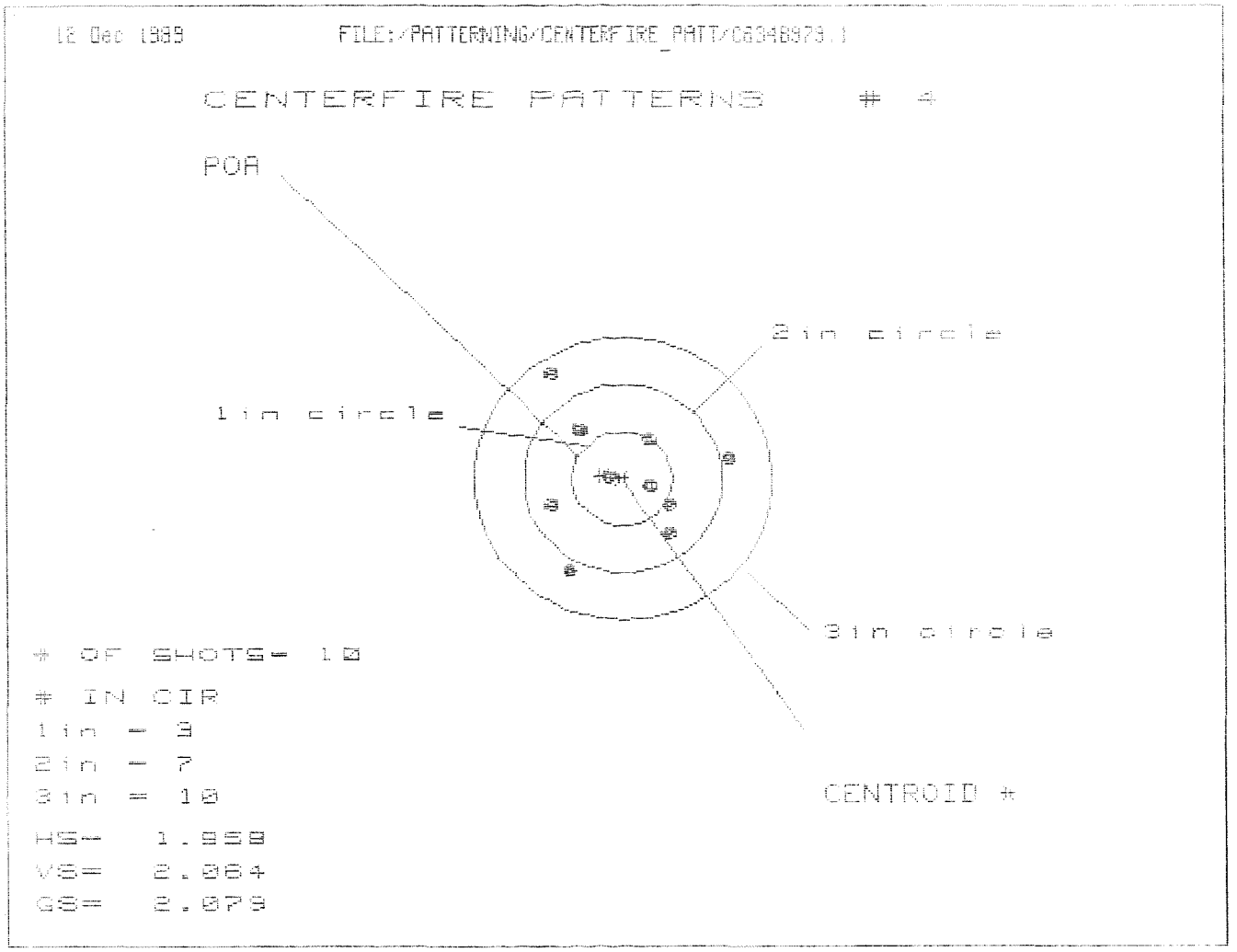
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.379	1.367	.961
MINIMUM X	:	-1.126	-.972	-.602
MAXIMUM Y	:	1.152	1.002	.874
MINIMUM Y	:	-1.345	-1.027	-.715
CENTROID X	:	.110	-.044	-.214
CENTROID Y	:	.123	.273	.401
POA TO CENTROID in.	:	.165	.276	.455
MIN RADIUS	:	.342	.209	.227
MEAN RADIUS	:	1.010	.871	.731
MAX RADIUS	:	1.927	1.709	1.151
HORIZONTAL SPREAD	:	2.505	2.339	1.703
VERTICAL SPREAD	:	2.497	2.029	1.589
EXTREME SPREAD	:	3.165	2.698	1.957
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



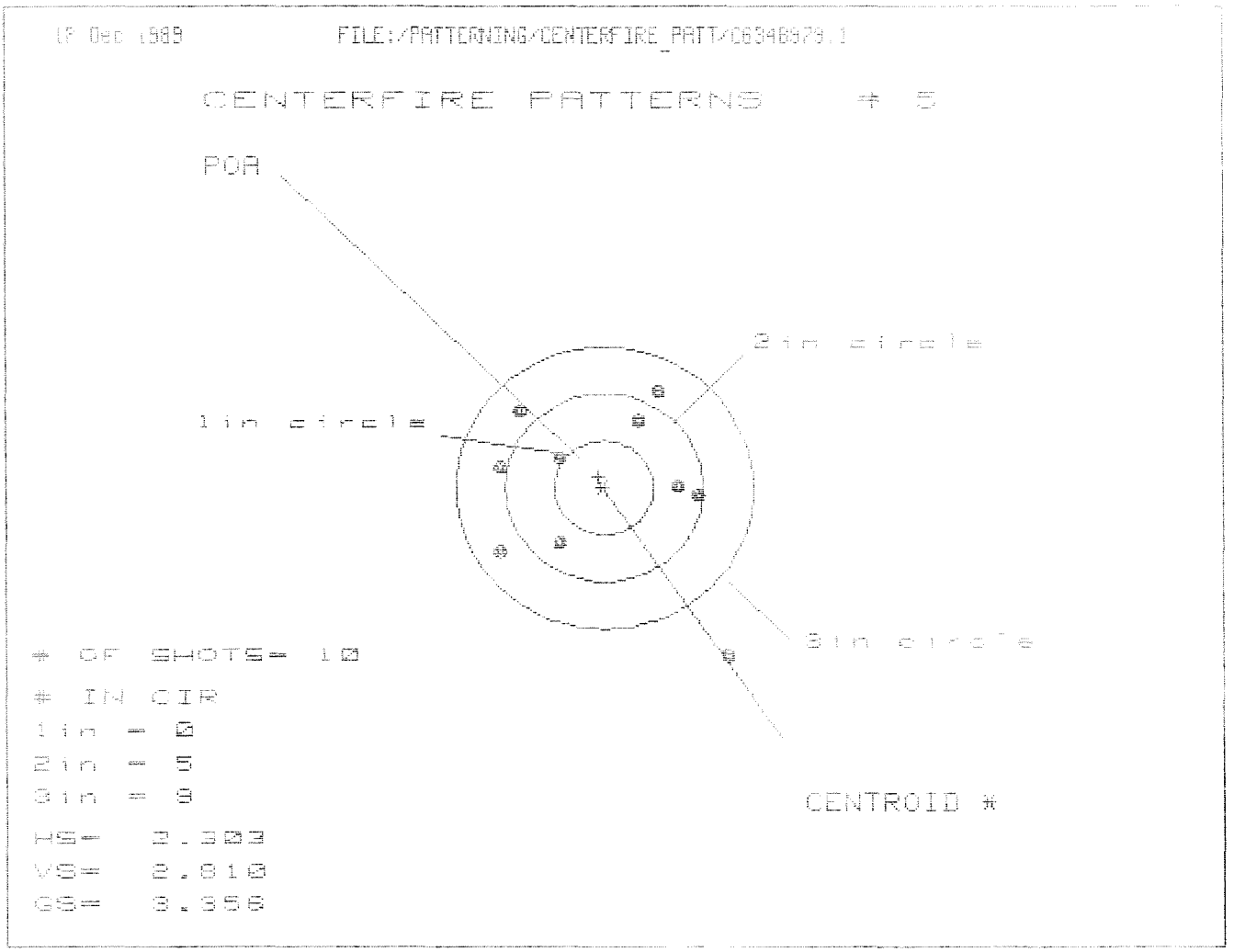
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.935	1.038	.901
MINIMUM X	:	-1.203	-1.100	-.944
MAXIMUM Y	:	1.196	1.307	1.245
MINIMUM Y	:	-.937	-.826	-.888
CENTROID X	:	.095	-.008	.129
CENTROID Y	:	.152	.041	.103
POA TO CENTROID in.	:	.179	.042	.165
MIN RADIUS	:	.187	.215	.243
MEAN RADIUS	:	.925	.859	.824
MAX RADIUS	:	1.363	1.476	1.361
HORIZONTAL SPREAD	:	2.138	2.138	1.845
VERTICAL SPREAD	:	2.133	2.133	2.133
EXTREME SPREAD	:	2.668	2.538	2.308
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.982	.837	.849
MINIMUM X	:	-1.309	-1.003	-.899
MAXIMUM Y	:	1.232	1.238	1.344
MINIMUM Y	:	-.854	-.848	-.742
CENTROID X	:	-.124	.021	-.083
CENTROID Y	:	.046	.040	-.066
POA TO CENTROID in.	:	.132	.045	.106
MIN RADIUS	:	.770	.629	.758
MEAN RADIUS	:	1.006	.957	.919
MAX RADIUS	:	1.310	1.246	1.344
HORIZONTAL SPREAD	:	2.291	1.840	1.748
VERTICAL SPREAD	:	2.086	2.086	2.086
EXTREME SPREAD	:	2.422	2.285	2.103
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.086	1.001	.554
MINIMUM X	:	-.772	-.774	-.649
MAXIMUM Y	:	1.100	.613	.658
MINIMUM Y	:	-.964	-.842	-.797
CENTROID X	:	.232	.317	.192
CENTROID Y	:	-.028	-.150	-.195
POA TO CENTROID in.	:	.233	.351	.274
MIN RADIUS	:	.098	.180	.168
MEAN RADIUS	:	.713	.633	.585
MAX RADIUS	:	1.344	1.063	.932
HORIZONTAL SPREAD	:	1.858	1.775	1.203
VERTICAL SPREAD	:	2.064	1.455	1.455
EXTREME SPREAD	:	2.079	2.008	1.565
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.240	1.070	.954
MINIMUM X	:	-1.063	-.925	-.997
MAXIMUM Y	:	.980	.777	.671
MINIMUM Y	:	-1.830	-.850	-.843
CENTROID X	:	.052	-.086	.030
CENTROID Y	:	-.119	.084	.190
POA TO CENTROID in.	:	.130	.120	.192
MIN RADIUS	:	.576	.352	.439
MEAN RADIUS	:	1.049	.879	.819
MAX RADIUS	:	2.210	1.256	1.043
HORIZONTAL SPREAD	:	2.303	1.995	1.951
VERTICAL SPREAD	:	2.810	1.627	1.514
EXTREME SPREAD	:	3.356	2.265	1.979
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON