C6348826

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

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: RE00168555
Verify Repair

Serial: C6348826 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 5/26/2009 10:11:52 AM

Address Information

Customer:	Received From	Return To:	Received From
Name:	COMMANDER	COMMANDER	
Address 1:	HSC 3/7 SFG (ABN)	HSC 3/7 SFG (ABN)	
Address 2:	PO Box:	PO Box:	
City:	FT BRAGG	FT BRAGG	
State:	NC Zip Code: 28310 Country: US	State: NC Zip Code: 28310 Country: US	

FFL:

Contact / Condition | Problems | Estimate | History / Status | Shipping / Billing

Date	Code	User ID	Desc1
5/26/2009 9:47:04 AM	New	valentds	Repair Added
5/26/2009 10:05:13 AM	Closed	valentds	Closed at Expedite
5/26/2009 10:10:53 AM	Maint	valentds	Repair Maintenance
5/26/2009 10:11:29 AM	Update	valentds	Repair information ch.
5/26/2009 10:11:52 AM	Closed	valentds	Closed at Expedite

- [ ] Shipping Hold
- [ ] InterFace Hold
- [ ] Estimate Sent
- [ ] Parts Received
- [ ] Passed Inspection
- [ ] Return As Received
- [ ] Has been Approved
- [ ] Internal Repair

Current Status: Closed
5/26/2009 10:11:52 AM
valentds
Sniper Systems
Repair Location: ILN
Current Location: ILN
Transfer Number:

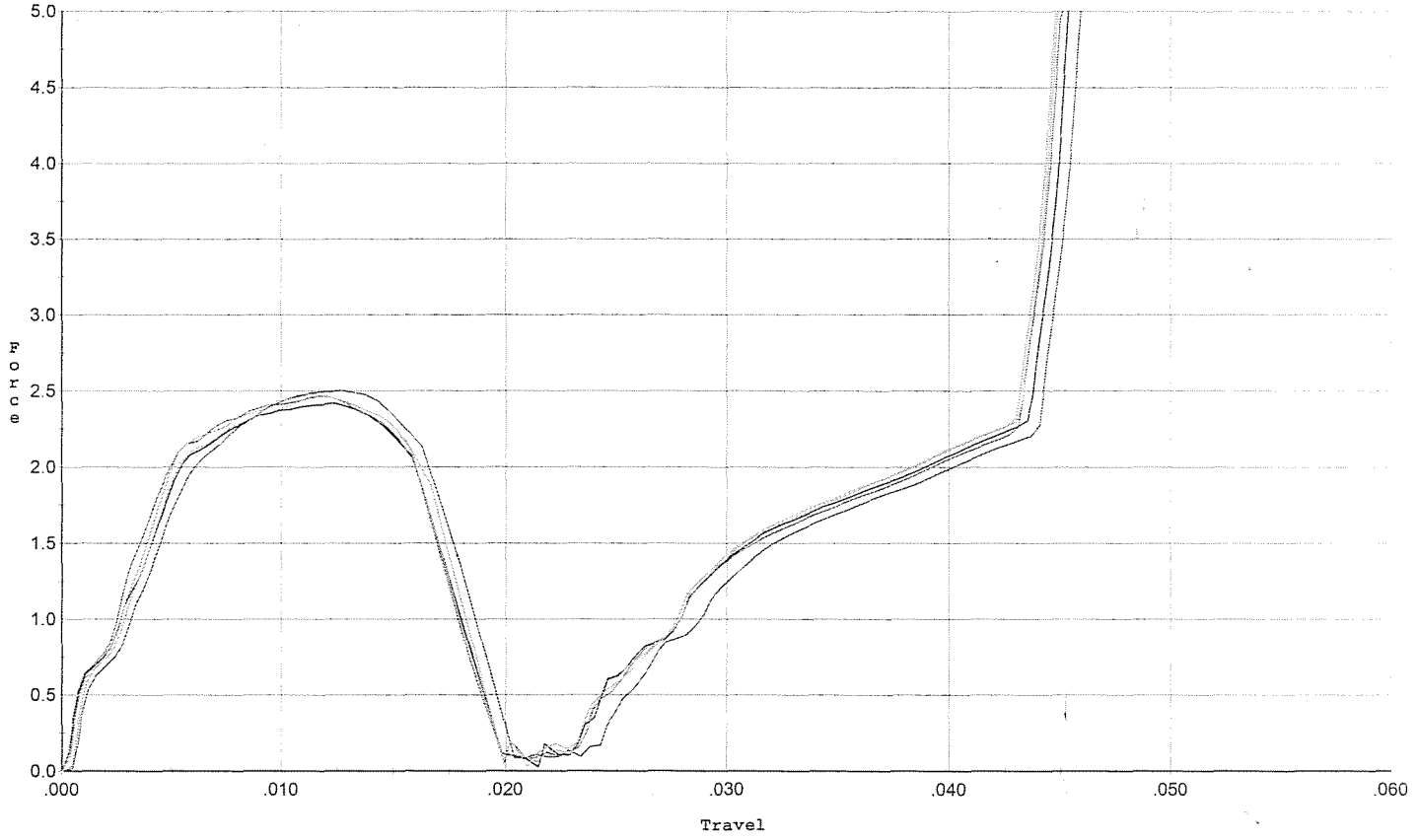
Repair Search | Refresh | Close

nagletj | 5/26/2009 | 10:56 AM | CAPS | NUM | INS | SCRL

Start | 5 Microsoft... | 3 Microsoft... | Google News... | Part Search by... | Arms Services... | Stock Overvie... | 10:56 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs ini +/- .50 lb
Note:	C Schults 4/15/2009		

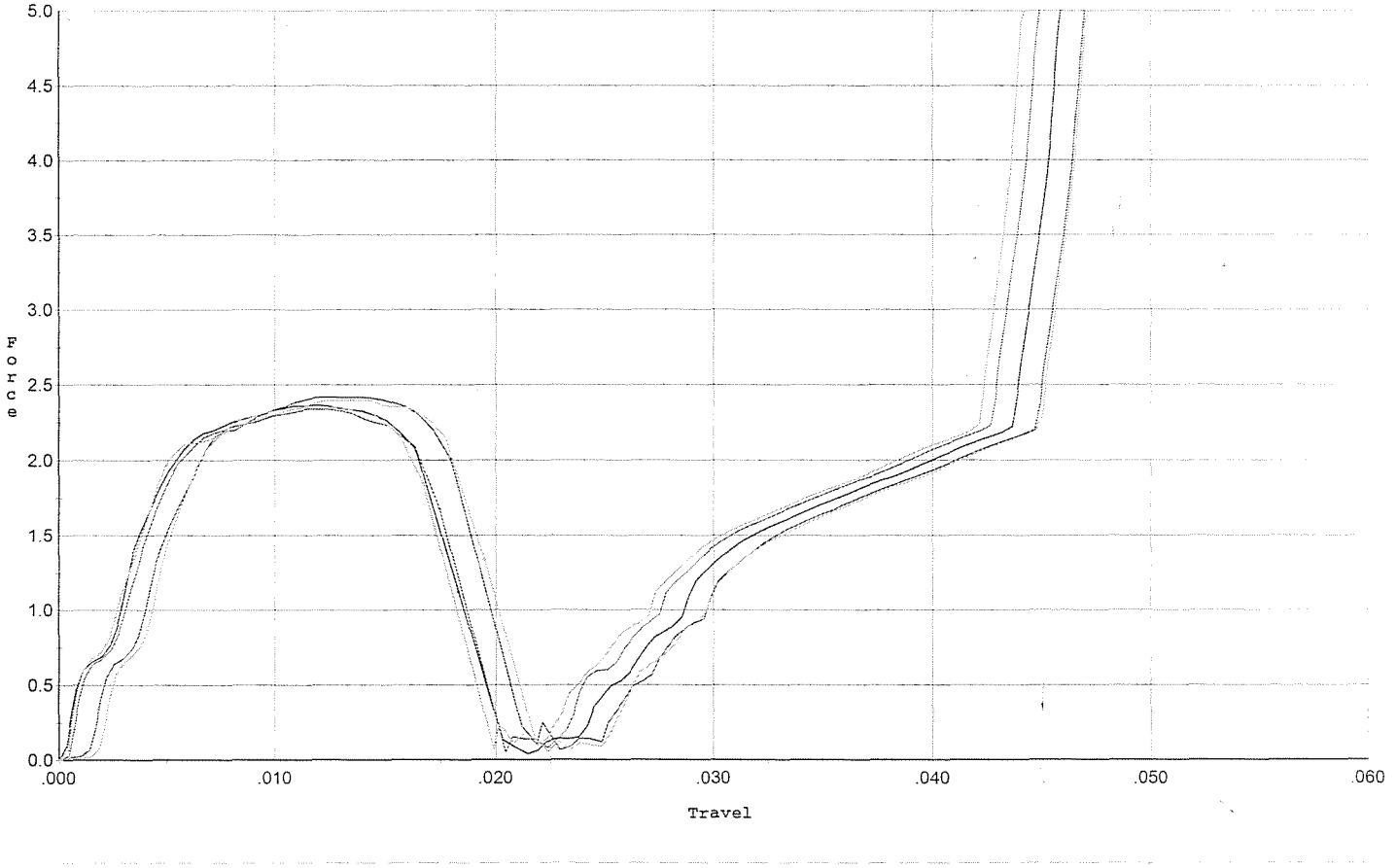


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.503	0.018	0.00	0.034	0.031		Set Trigger
2	2.420	0.016	0.00	0.033	0.028		Set Trigger
3	2.467	0.016	0.00	0.033	0.029		Set Trigger
4	2.464	0.017	0.00	0.032	0.029		Set Trigger
5	2.478	0.016	0.00	0.033	0.028		Set Trigger

2.5 lb

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 lb
Note:	C Schults 4/15/2009		

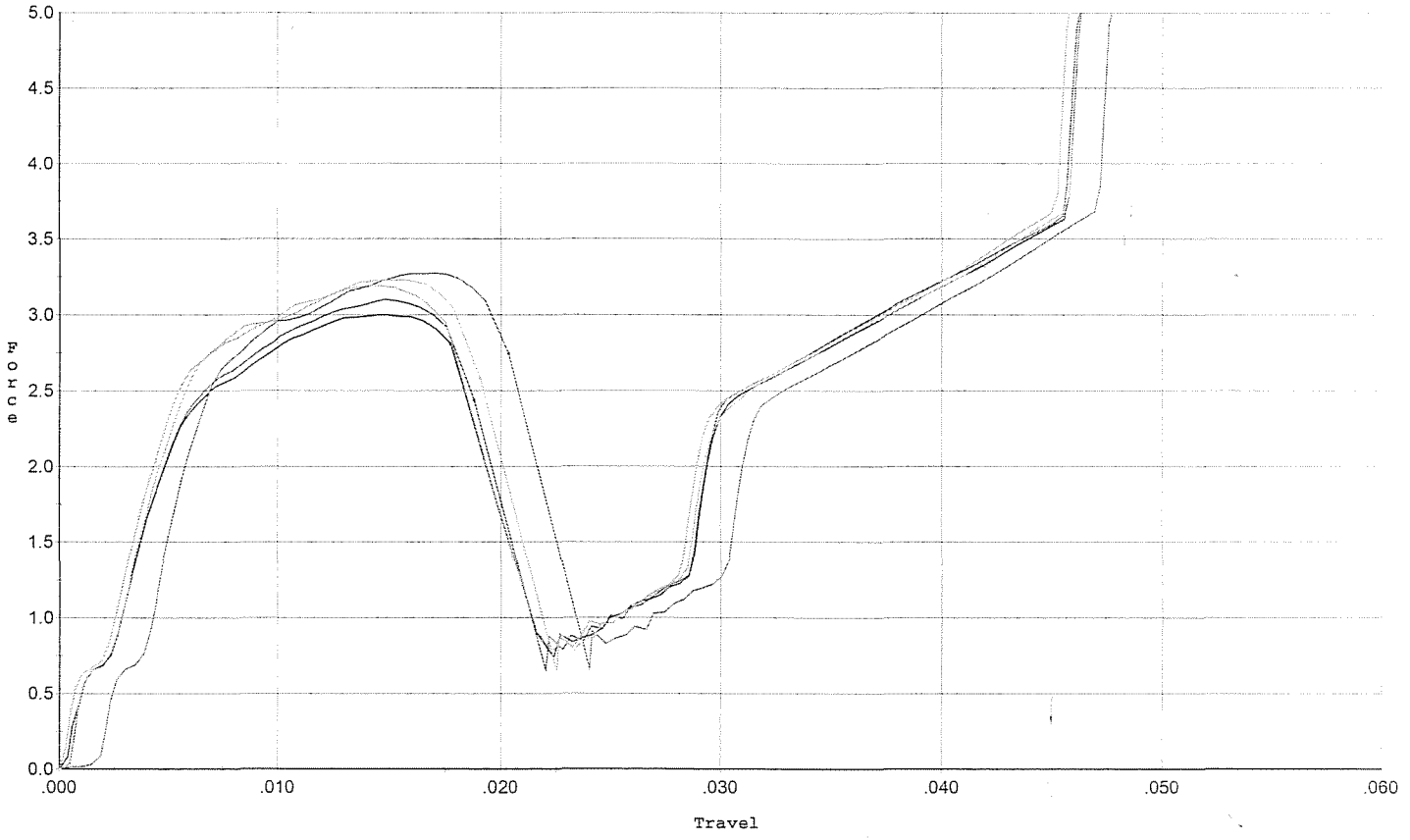


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.418	0.018	0.00	0.034	0.030		Set Trigger
2	2.366	0.018	0.00	0.033	0.032		Set Trigger
3	2.337	0.017	0.00	0.033	0.030		Set Trigger
4	2.399	0.019	0.002	0.033	0.032		Set Trigger
5	2.348	0.017	0.00	0.032	0.029		Set Trigger

2.37

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs ini +/- .75 lb
Note:	C Schults 4/15/2009		



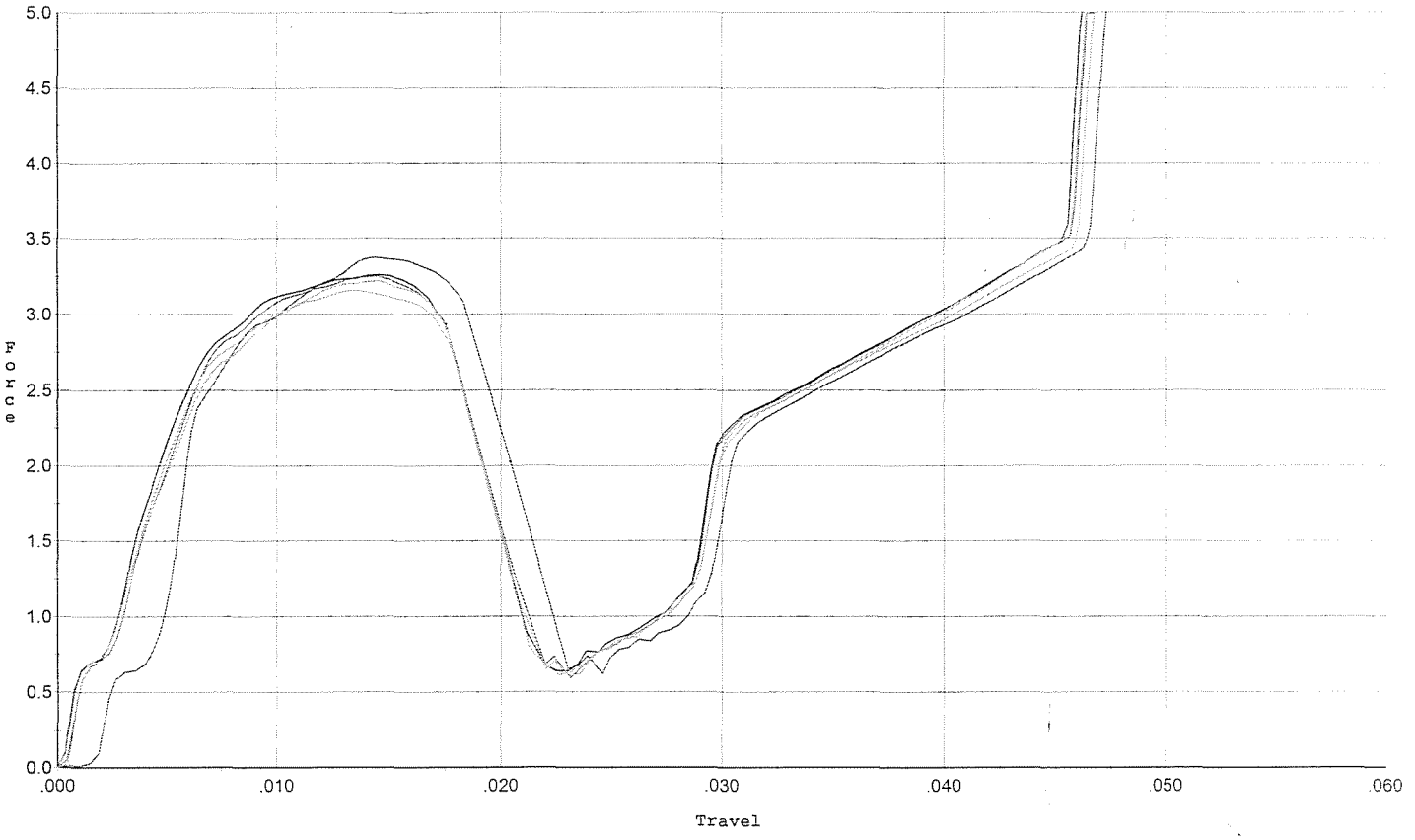
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.101	0.019	0.00	0.030	0.041		Set Trigger
2	2.999	0.018	0.00	0.030	0.038		Set Trigger
3	3.272	0.020	0.00	0.031	0.045		Set Trigger
4	3.229	0.019	0.00	0.030	0.044		Set Trigger
5	3.192	0.018	0.00	0.030	0.040		Set Trigger

A-3.15

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 4/15/2009 10:22:12 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 lb
Note:	C Schults 4/15/2009		



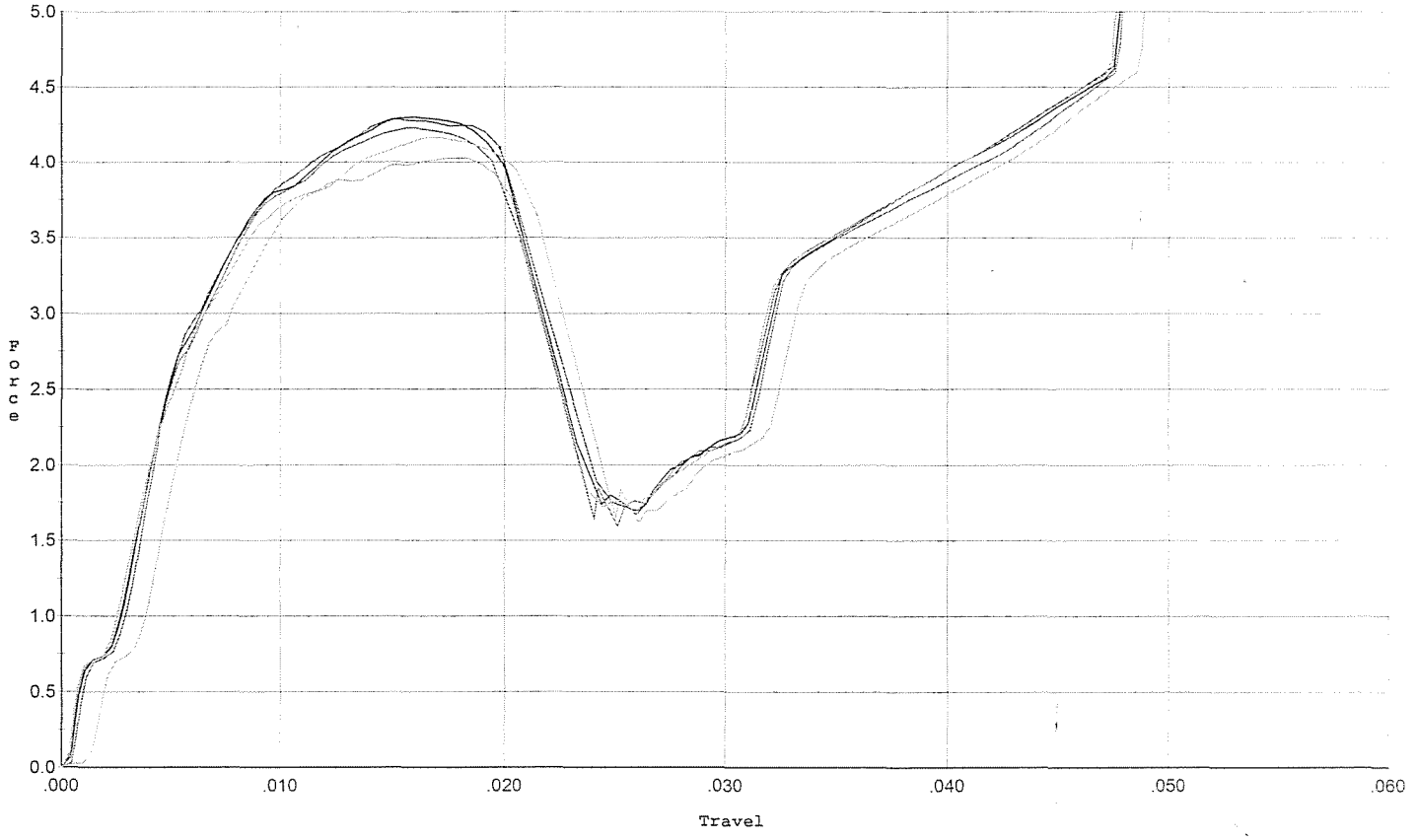
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.379	0.020	0.00	0.030	0.044		Set Trigger
2	3.258	0.018	0.00	0.031	0.040		Set Trigger
3	3.247	0.018	0.00	0.031	0.039		Set Trigger
4	3.154	0.018	0.00	0.031	0.039		Set Trigger
5	3.218	0.018	0.00	0.031	0.039		Set Trigger

A-3.25

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 4/15/2009 10:23:43 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 lb
Note:	C Schults 4/15/2009		



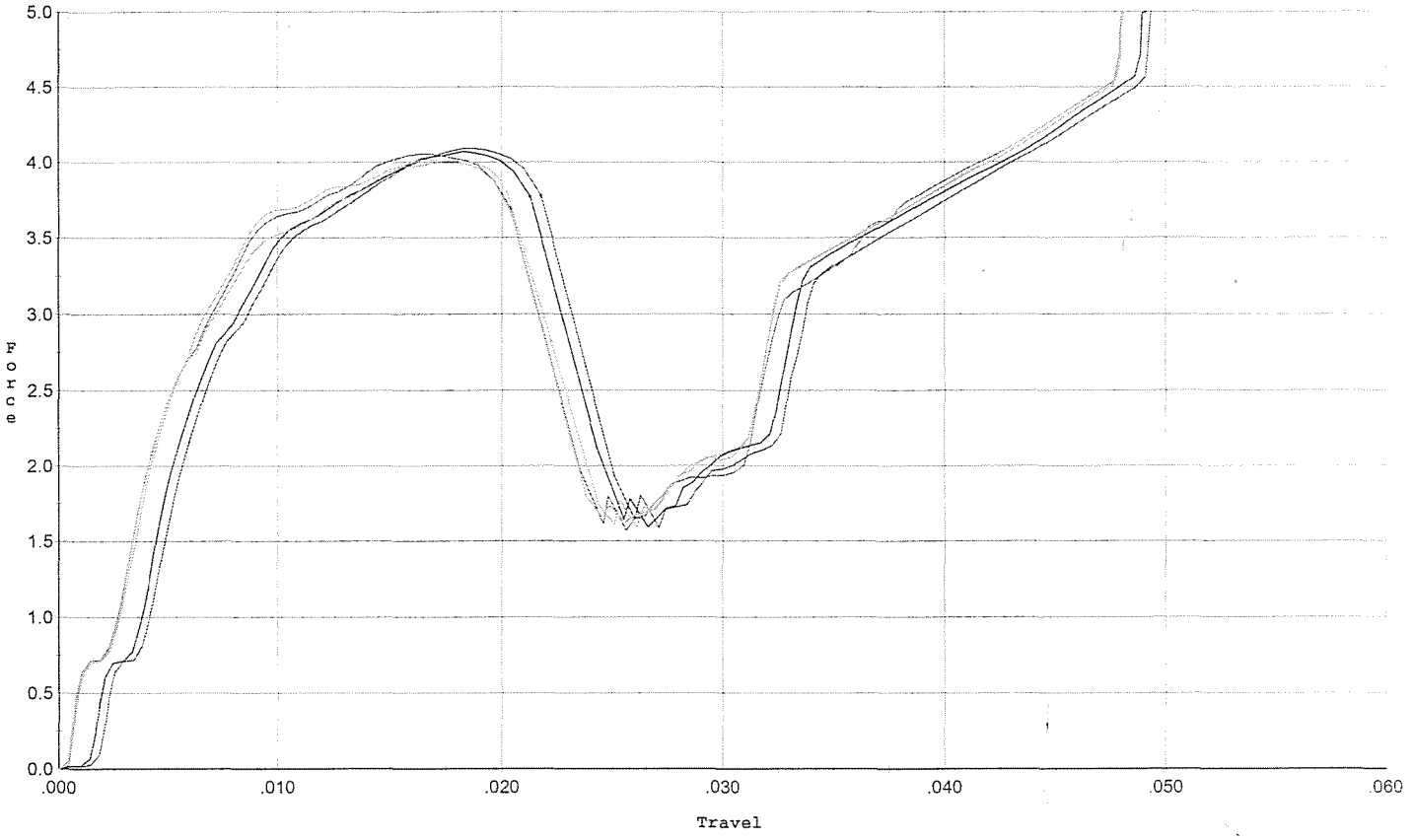
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.288	0.020	0.00	0.028	0.058		Set Trigger
2	4.299	0.020	0.00	0.028	0.059		Set Trigger
3	4.224	0.021	0.00	0.028	0.060		Set Trigger
4	4.166	0.021	0.00	0.029	0.059		Set Trigger
5	4.026	0.020	0.00	0.028	0.058		Set Trigger

4-4-19

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 4/15/2009 10:25:30 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs after 20 cyclesd+/- 1.0 lb
Note:	C Schults 4/15/2009		



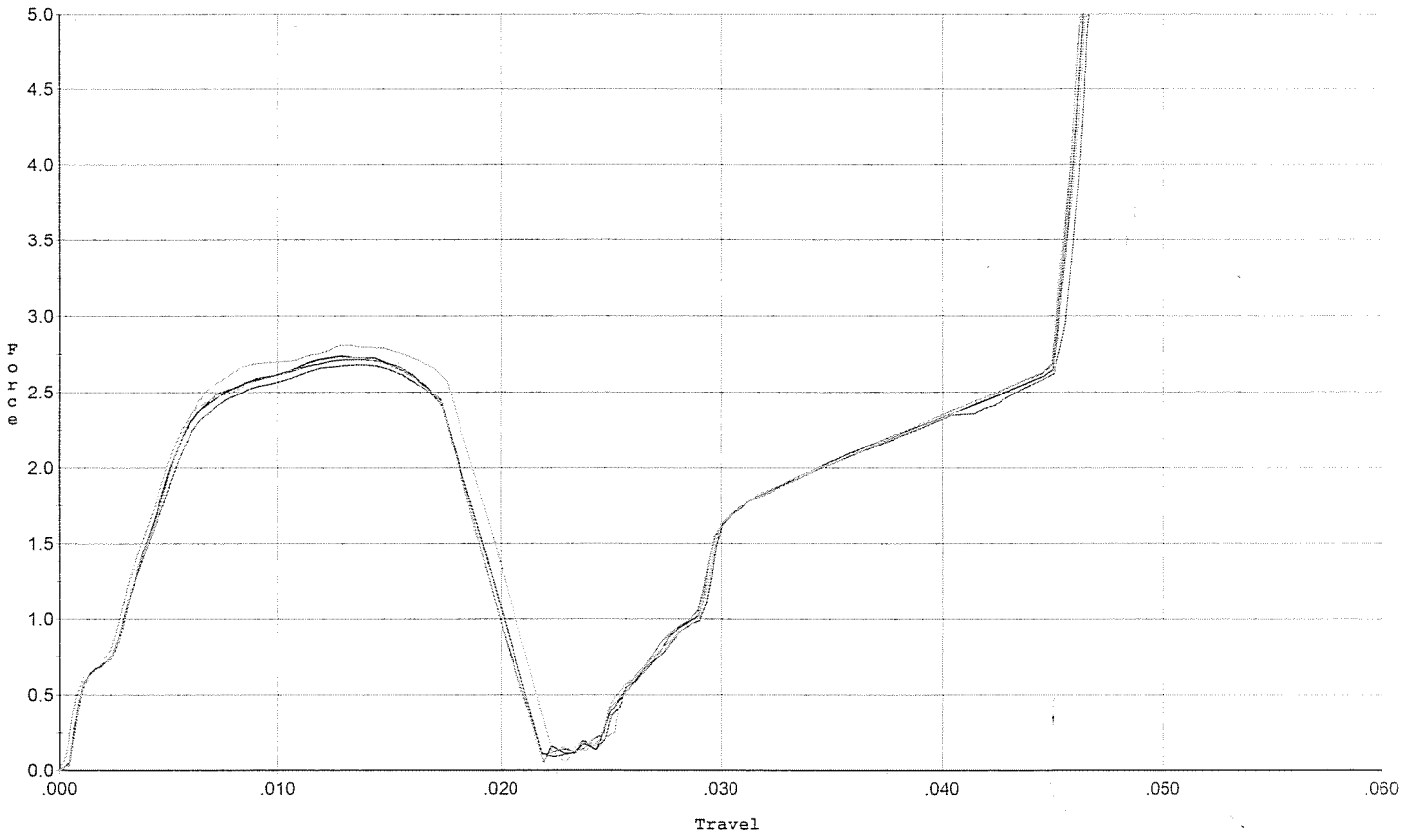
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.090	0.022	0.00	0.029	0.058		Set Trigger
2	4.071	0.021	0.00	0.029	0.057		Set Trigger
3	4.055	0.020	0.00	0.029	0.057		Set Trigger
4	4.017	0.022	0.00	0.028	0.063		Set Trigger
5	3.996	0.020	0.00	0.029	0.056		Set Trigger

A 4.0#

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 4/15/2009 10:26:43 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	set to 2.5 lb +/- .50 lb for final test
Note:	C Schults 4/15/2009		



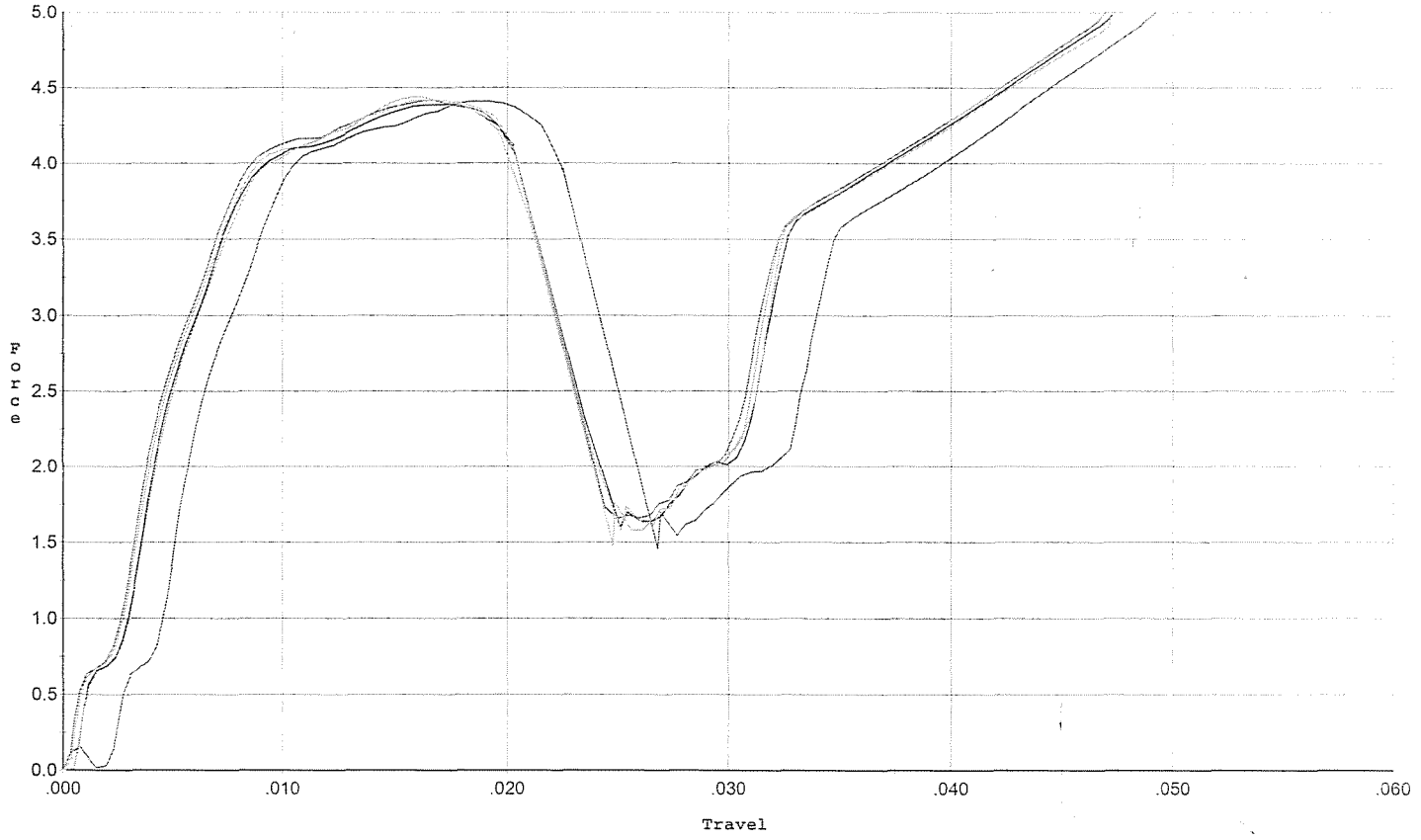
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.715	0.019	0.00	0.032	0.038		Set Trigger
2	2.739	0.017	0.00	0.033	0.034		Set Trigger
3	2.680	0.019	0.00	0.032	0.037		Set Trigger
4	2.809	0.020	0.00	0.032	0.040		Set Trigger
5	2.730	0.017	0.00	0.032	0.034		Set Trigger

A-2-13

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 4/15/2009 10:34:00 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 lb for target & accuracy
Note:	C Schults 4/15/2009		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.409	0.022	0.00	0.028	0.065		Set Trigger
2	4.388	0.020	0.00	0.028	0.061		Set Trigger
3	4.414	0.020	0.00	0.028	0.063		Set Trigger
4	4.414	0.021	0.00	0.027	0.064		Set Trigger
5	4.437	0.020	0.00	0.028	0.061		Set Trigger

A.4.41

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 4/15/2009 10:36:23 AM

M-24

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

Deployment Kit

R & E NUMBER 168555

SERIAL NUMBER C1034826

LOG-IN DATE 5-26-09

OPERATION #	OPERATION NAME				DATE	INITIAL
500	DIS-ASSEMBLE GUN				5-27-09	RTL
505	RE-BARREL				5-28-09	RTL
420	ASSEMBLE				5-28-09	RTL
440	PROOF	MAGNA - FLUX			5-28-09	[illegible]
460	CHECK HEADSPACE				5-28-09	[illegible]
470	DIS-ASSEMBLE GUN	OPERATOR			5-28-09	[illegible]
480	MAGNAFLUX				5/30/09	[illegible]
510	DRILL AND TAP				5-29-09	SP
500	ROLLMARK CALIBER				6/1/09	RT
520	GOFF BLAST BBL / REC				6-1-09	DWO
530 & 540	APPLY COATINGS				6-3	[illegible]
560	FINAL ASSEMBLY				6-8-09	RTL
640	FUNCTION TEST AND	(PASS)	FAIL		6-8-09	RP
650	TARGET	(PASS)	FAIL		6-8-09	RP
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION	N/A			
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION			6-8-09	[illegible]
670	FINAL INSPECTION A) HEADSPACE	(PASS)	FAIL		6-15-09	[illegible]
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.88	2.86	2.83 2.80 2.83	6-15-09	RTL
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	3.0	3.3	4.0	6-15-09	[illegible]
	G) SAFETY OFF FORCE (2 LBS MIN)	5.0	5.0	5.0	6-15-09	[illegible]
	I) FIRING PIN INDENT (.020)	.021	.021	.021	6-15-09	[illegible]
690	PACK				8/25/09	[illegible]

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348826.__0
FILE DATE AND TIME: 06/09/2009 07:47

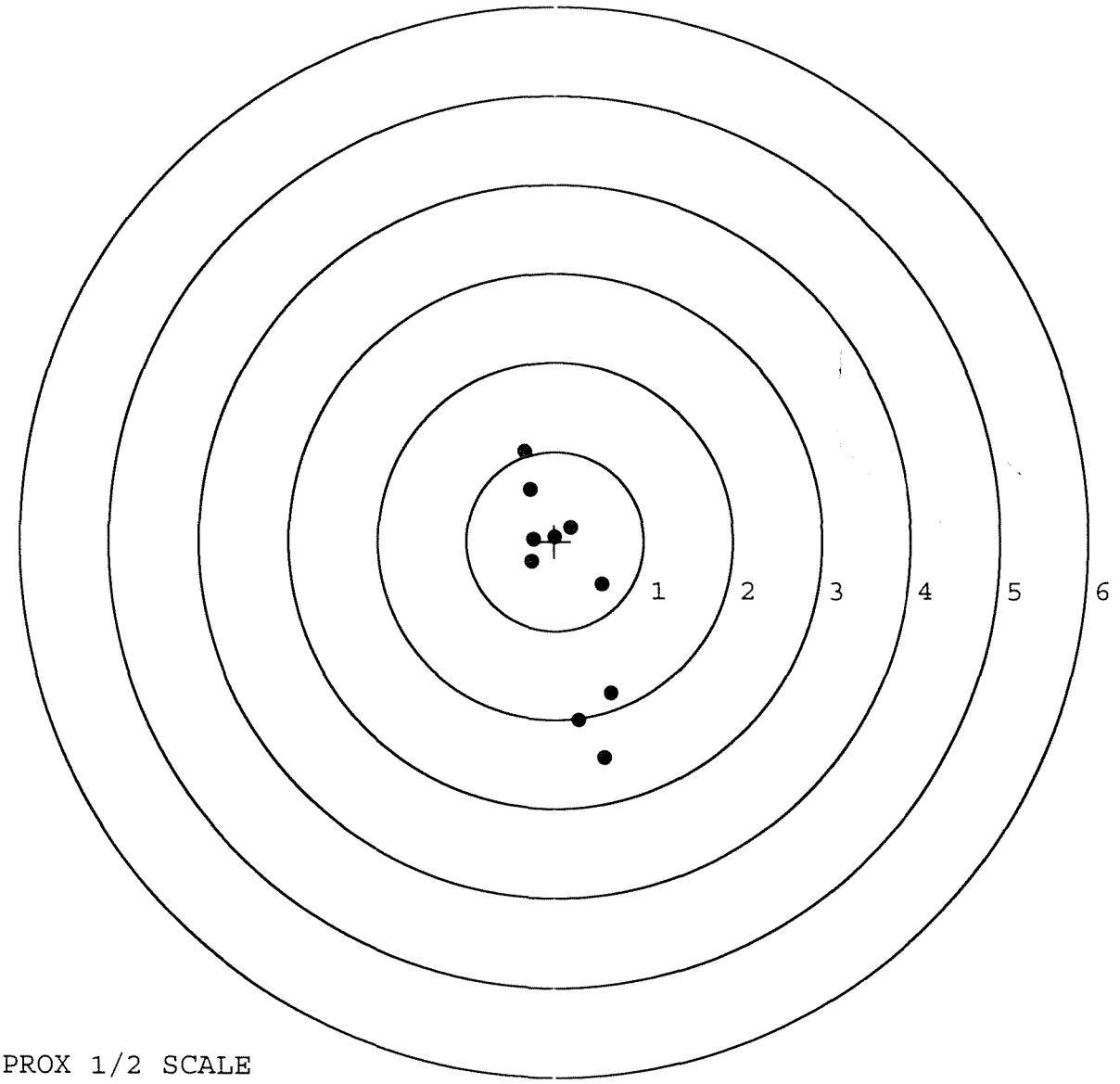
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.073
The Average Y Centroid of the Five Target Set:	-0.001
The Average Point of Impact of the Five Target Set:	0.073
The Average Mean Radius of the Five Target Set:	0.873
The Distance from POA to Centroid Target #1:	0.517
The Distance from Centroid Target #2 to Centroid Target #1:	0.646
The Distance from Centroid Target #3 to Centroid Target #1:	0.917
The Distance from Centroid Target #4 to Centroid Target #1:	0.560
The Distance from Centroid Target #5 to Centroid Target #1:	0.619

SERIAL NUMBER: C6348826.__0
TARGET NUMBER: 1
FILE DATE: 06/09/2009
FILE TIME: 07:47

X CENTROID:	0.106
Y CENTROID:	-0.506
POA TO CENTROID:	0.517
HORZ SPREAD:	0.980
VERT SPREAD:	3.435
GROUP SPREAD:	3.552
MIN RADIUS:	0.423
MAX RADIUS:	1.983
MEAN RADIUS:	1.028
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	-0.343	0.999
2:	-0.280	0.576
3:	0.181	0.158
4:	-0.001	0.050
5:	-0.242	0.026
6:	-0.262	-0.232
7:	0.529	-0.486
8:	0.637	-1.702
9:	0.280	-2.013
10:	0.561	-2.436

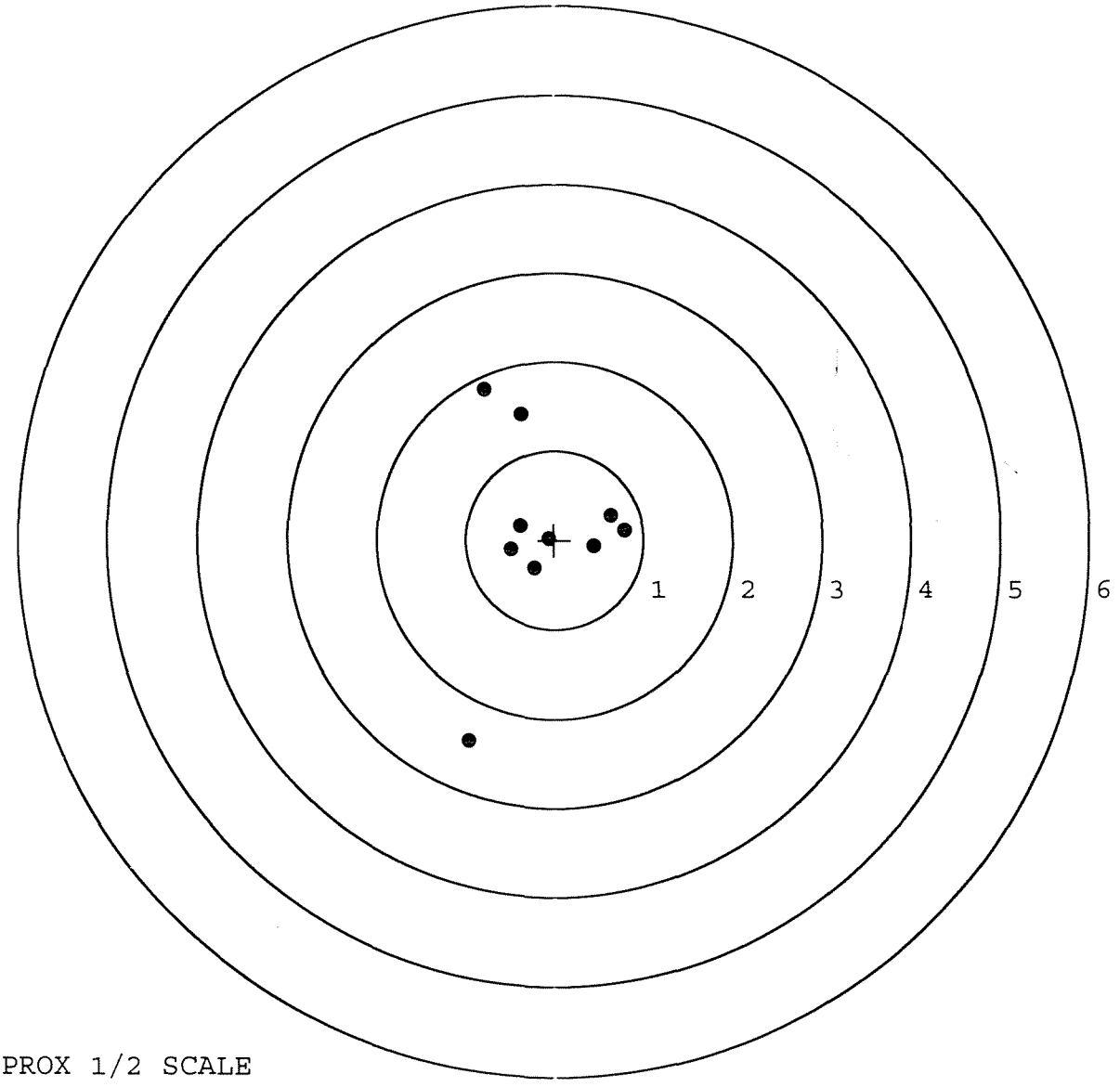


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348826.__0
TARGET NUMBER: 2
FILE DATE: 06/09/2009
FILE TIME: 07:47

X CENTROID:	-0.143
Y CENTROID:	0.090
POA TO CENTROID:	0.169
HORZ SPREAD:	1.761
VERT SPREAD:	3.930
GROUP SPREAD:	3.934
MIN RADIUS:	0.107
MAX RADIUS:	2.480
MEAN RADIUS:	0.904
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.383	0.159
2:	-0.490	-0.112
3:	-0.064	0.018
4:	-0.227	-0.318
5:	0.789	0.109
6:	0.633	0.277
7:	0.444	-0.073
8:	-0.375	1.402
9:	-0.788	1.682
10:	-0.972	-2.248

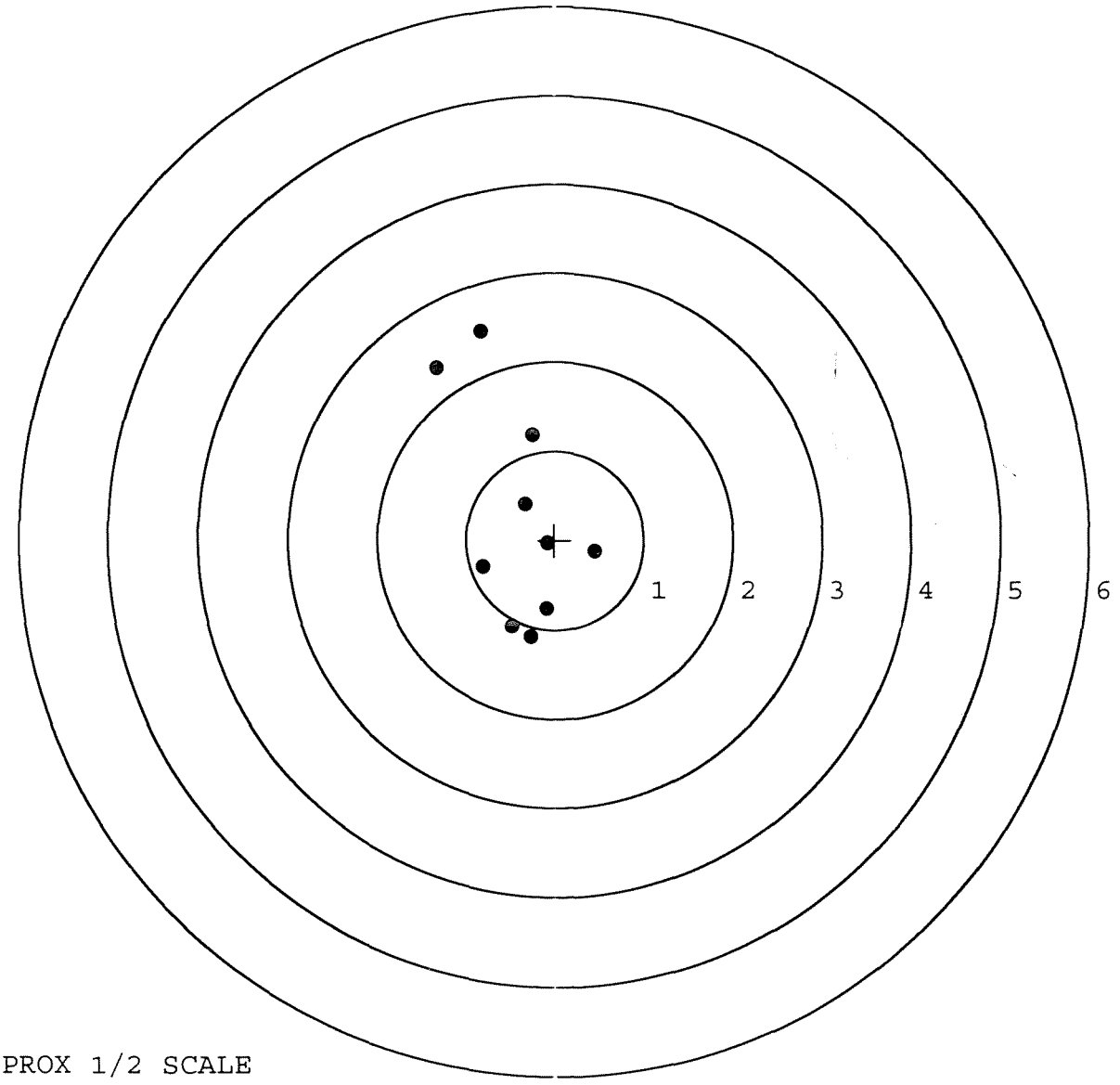


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348826.__0
TARGET NUMBER: 3
FILE DATE: 06/09/2009
FILE TIME: 07:47

X CENTROID:	-0.404
Y CENTROID:	0.256
POA TO CENTROID:	0.478
HORZ SPREAD:	1.780
VERT SPREAD:	3.420
GROUP SPREAD:	3.467
MIN RADIUS:	0.159
MAX RADIUS:	2.124
MEAN RADIUS:	1.081
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.833	2.336
2:	-1.331	1.921
3:	-0.250	1.174
4:	-0.339	0.401
5:	-0.082	-0.034
6:	0.449	-0.123
7:	-0.808	-0.299
8:	-0.094	-0.767
9:	-0.485	-0.965
10:	-0.267	-1.084

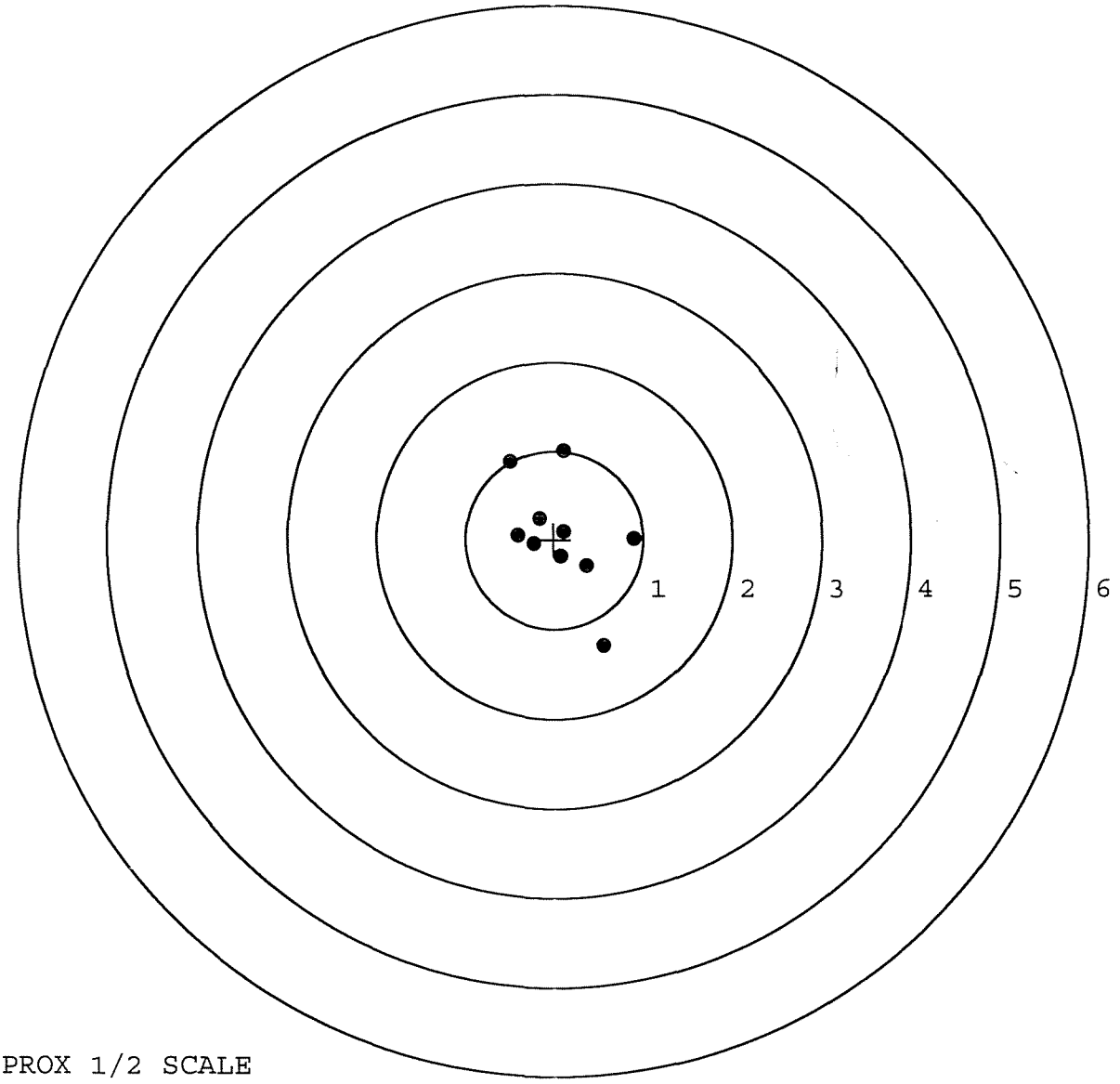


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348826.__0
TARGET NUMBER: 4
FILE DATE: 06/09/2009
FILE TIME: 07:47

X CENTROID:	0.080
Y CENTROID:	0.053
POA TO CENTROID:	0.096
HORZ SPREAD:	1.392
VERT SPREAD:	2.192
GROUP SPREAD:	2.321
MIN RADIUS:	0.046
MAX RADIUS:	1.330
MEAN RADIUS:	0.597
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.552	-1.190
2:	0.894	0.009
3:	0.111	1.002
4:	-0.498	0.880
5:	-0.169	0.236
6:	0.108	0.089
7:	0.365	-0.298
8:	0.075	-0.187
9:	-0.229	-0.052
10:	-0.411	0.040

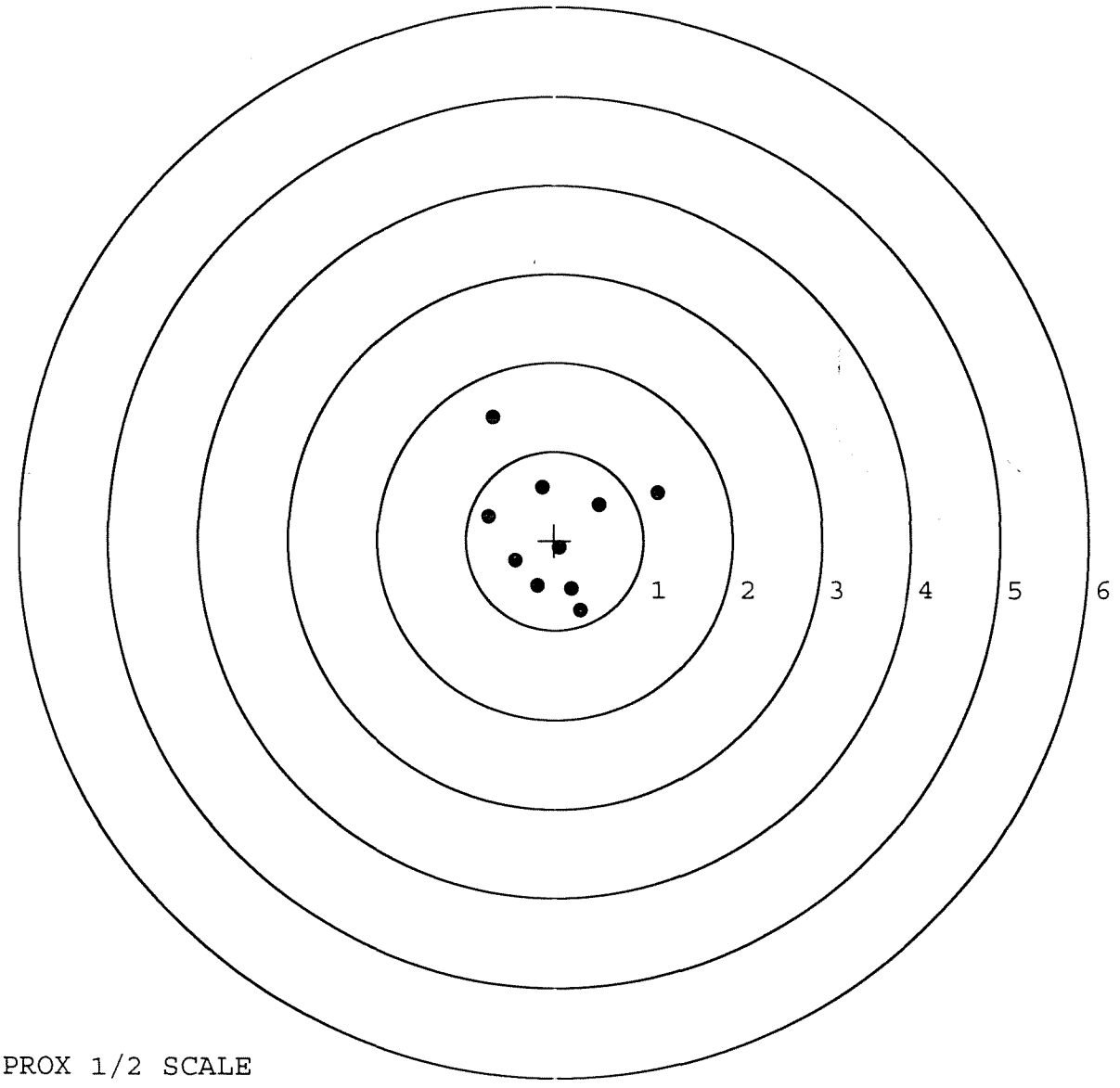


TARGET APPROX 1/2 SCALE

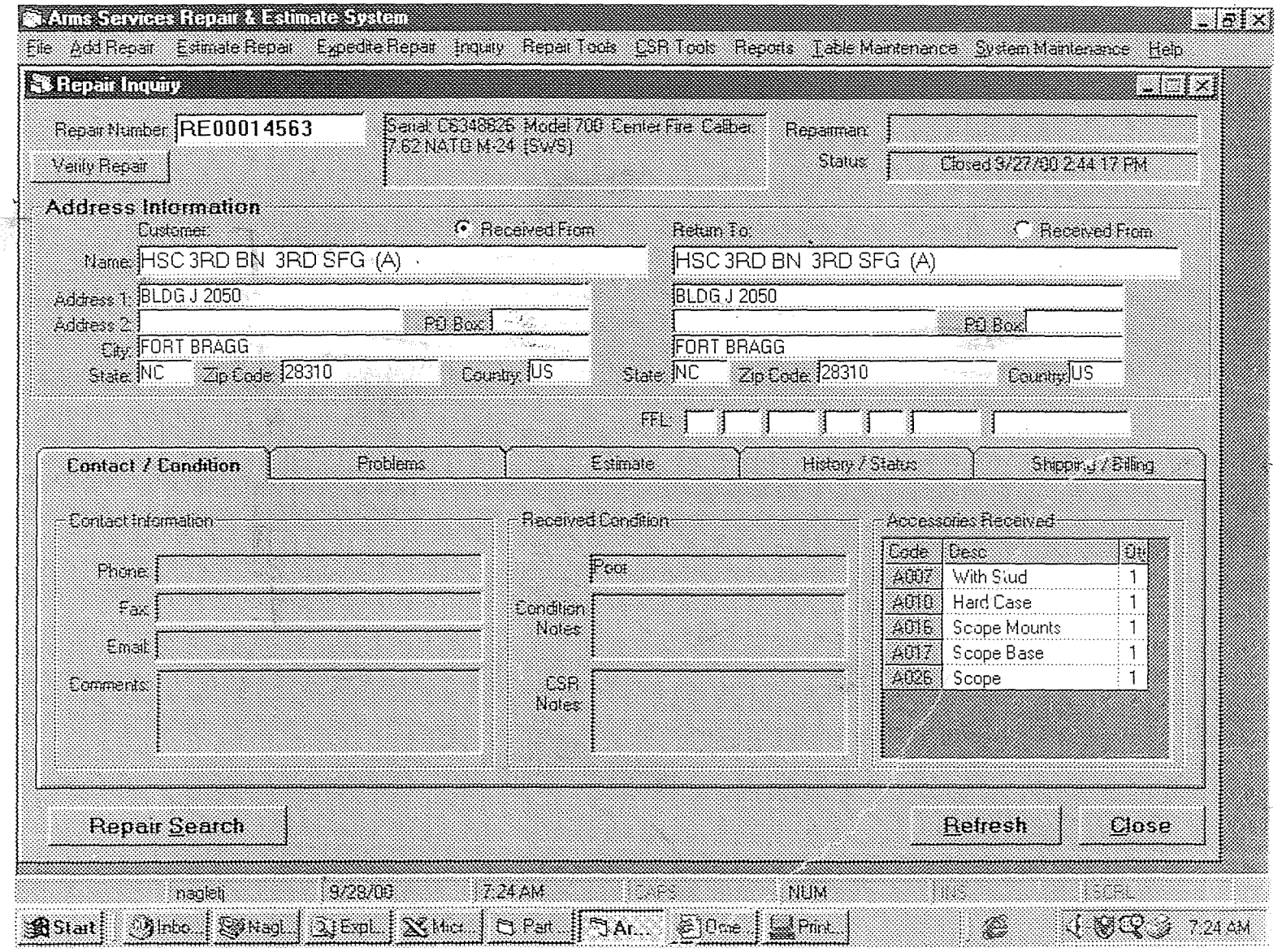
SERIAL NUMBER: C6348826.__0
TARGET NUMBER: 5
FILE DATE: 06/09/2009
FILE TIME: 07:47

X CENTROID:	-0.004
Y CENTROID:	0.103
POA TO CENTROID:	0.103
HORZ SPREAD:	1.908
VERT SPREAD:	2.165
GROUP SPREAD:	2.378
MIN RADIUS:	0.199
MAX RADIUS:	1.454
MEAN RADIUS:	0.756
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.697	1.381
2:	1.160	0.535
3:	0.496	0.405
4:	-0.142	0.596
5:	-0.748	0.270
6:	-0.446	-0.233
7:	-0.195	-0.509
8:	0.287	-0.784
9:	0.189	-0.544
10:	0.057	-0.086



TARGET APPROX 1/2 SCALE



Serial Number: C6348826

BBL-96003

Model: 700

RE00014563

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400039220

FINAL INSPECTION

S/N: C6348826 | DATE REC'D: 9-26-00 | 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-2550
- ___ 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

R & E NUMBER	14563
SERIAL NUMBER	C6348826
LOG-IN DATE	9-26-00

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-28-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-3-00	RW
605	CHECK HEADSPACE	10-3-00	CK
610	DIS-ASSEMBLE GUN		
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	10-17-00	RW
655	FINAL INSPECT	10-25-00	CK
660	PACK		
	QAR INSPECTION DATE	SHIP DATE	

Remington Test Lab, Ilion, N.Y.

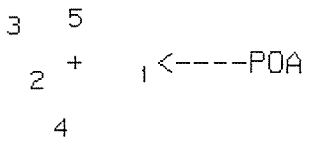
Centroidal distance calculations for Rifle # c6348826
25 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0578
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0212
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0615653

THE AMR FOR THIS RIFLE IS: 1.271

CENTROIDAL DISTANCES

0	TO	1	.447672
1	TO	2	.68535
1	TO	3	.892911
1	TO	4	.635423
1	TO	5	.570056



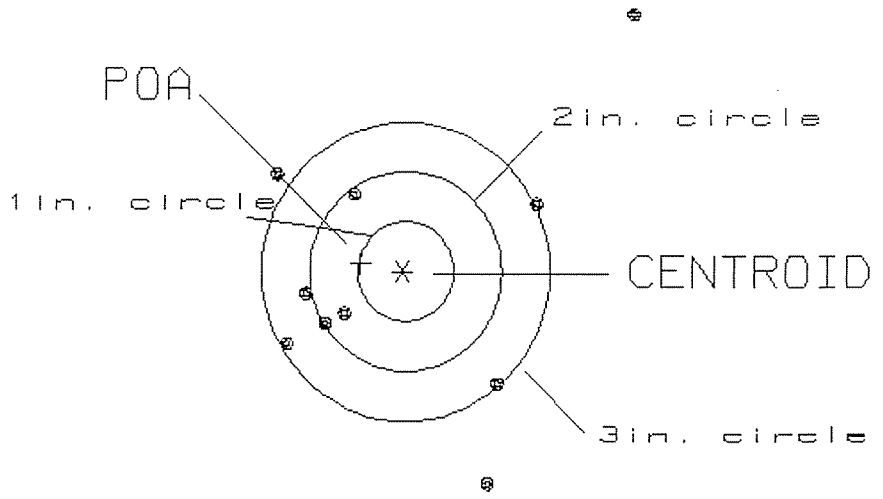
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 1 □

POA TO CENTROID:		.448
MIN RADIUS	:	.739
MEAN RADIUS	:	1.557
MAX RADIUS	:	3.480
CENTROID X	:	.441
CENTROID Y	:	-.077

25 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348826.1

CENTERFIRE PATTERN # 1



# OF SHOTS= 10	# IN CIRCLE
HS= 3.67	0
VS= 4.69	3
GS= 4.92	6

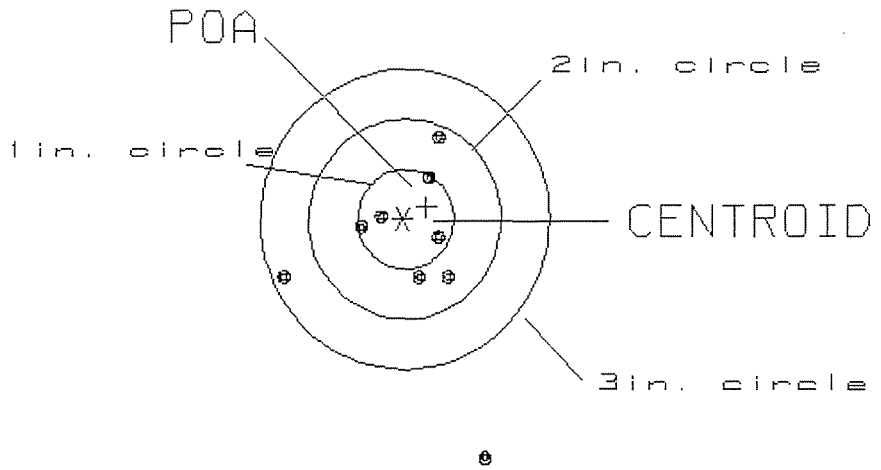
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2

POA TO CENTROID	:	.271
MIN RADIUS	:	.207
MEAN RADIUS	:	1.103
MAX RADIUS	:	3.240
CENTROID X	:	-.243
CENTROID Y	:	-.120

25 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348826.1

CENTERFIRE PATTERN # 2



# OF SHOTS= 10	# IN CIRCLE
HS= 2.06	3
VS= 5.61	7
GS= 5.76	8

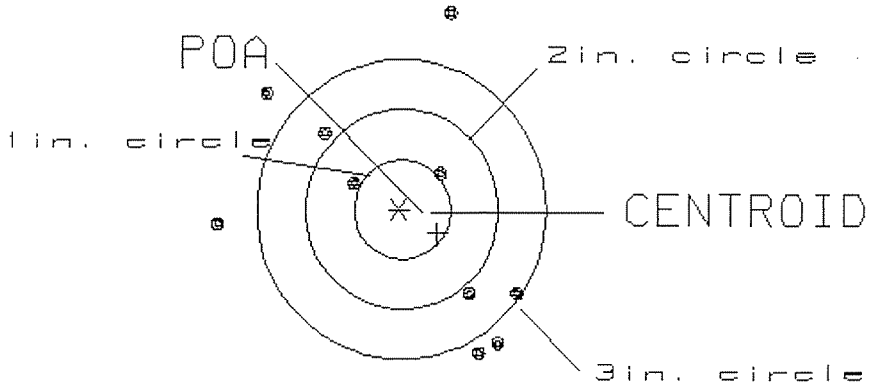
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3

POA TO CENTROID:	.460
MIN RADIUS :	.570
MEAN RADIUS :	1.389
MAX RADIUS :	2.040
CENTROID X :	-.396
CENTROID Y :	.234

25 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348826.1

CENTERFIRE PATTERN # 3



# OF SHOTS= 10	# IN CIRCLE
HS= 3.10	0
VS= 3.36	2
GS= 3.46	5

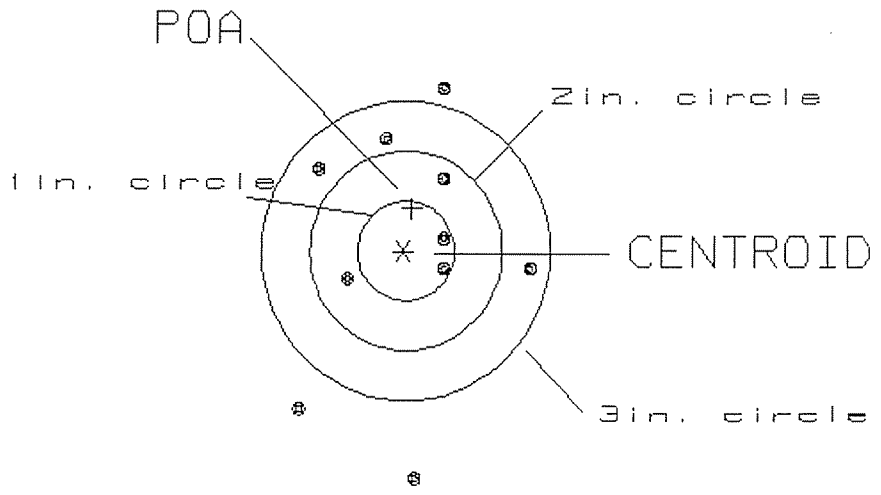
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 4 □

POA TO CENTROID:	.435
MIN RADIUS :	.396
MEAN RADIUS :	1.188
MAX RADIUS :	2.268
CENTROID X :	-.090
CENTROID Y :	-.426

25 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348826.1

CENTERFIRE PATTERN # 4



# OF SHOTS= 10	# IN CIRCLE
HS= 2.36	2
VS= 3.88	4
GS= 3.89	7

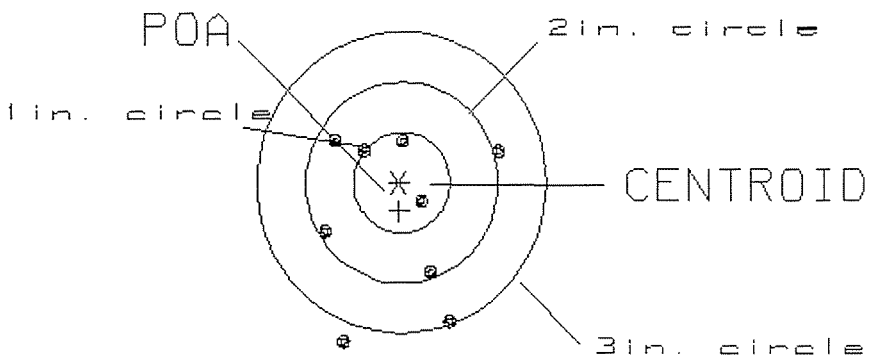
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5

POA TO CENTROID:		.283
MIN RADIUS	:	.260
MEAN RADIUS	:	1.117
MAX RADIUS	:	3.071
CENTROID X	:	-.001
CENTROID Y	:	.283

25 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348826.1

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 1.77	2
VS= 4.67	6
GS= 4.78	8

Remington Test Lab, Ilion, N.Y.

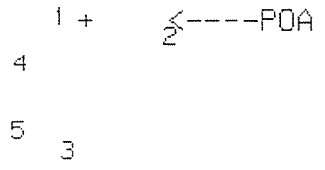
Centroidal distance calculations for Rifle # c6348826
23 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1212
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3776
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .396574

THE AMR FOR THIS RIFLE IS: 1.465

CENTROIDAL DISTANCES

0	TO	1	.182858
1	TO	2	.735579
1	TO	3	.859694
1	TO	4	.387475
1	TO	5	.771298



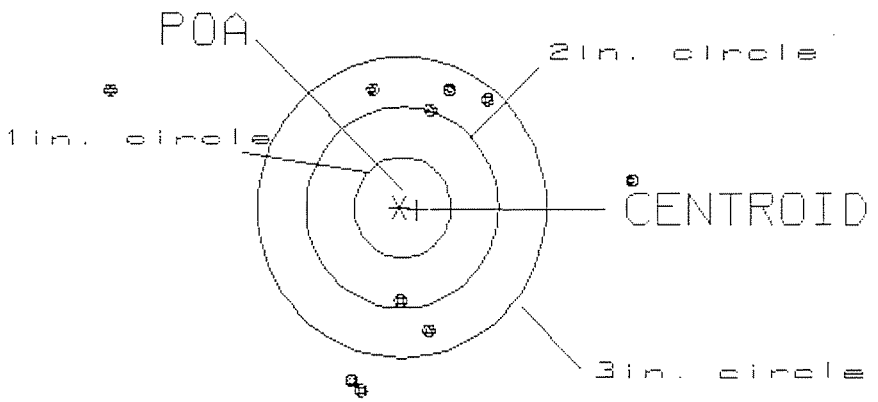
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 1 □

POA TO CENTROID:		.183
MIN RADIUS	:	.949
MEAN RADIUS	:	1.635
MAX RADIUS	:	3.210
CENTROID X	:	-.181
CENTROID Y	:	.026

23 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348826

CENTERFIRE PATTERN # 1



# OF SHOTS= 10	# IN CIRCLE
HS= 5.34	0
VS= 3.05	1
GS= 5.42	6

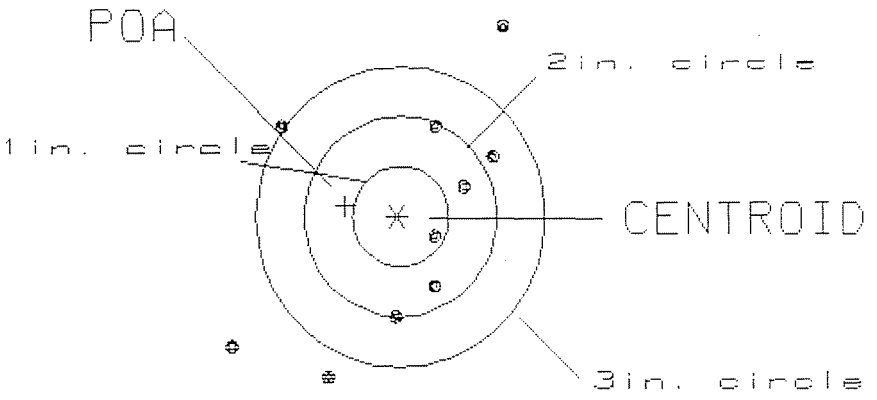
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2

POA TO CENTROID:	.552
MIN RADIUS :	.428
MEAN RADIUS :	1.270
MAX RADIUS :	2.185
CENTROID X :	.543
CENTROID Y :	-.104

23 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348826

CENTERFIRE PATTERN # 2



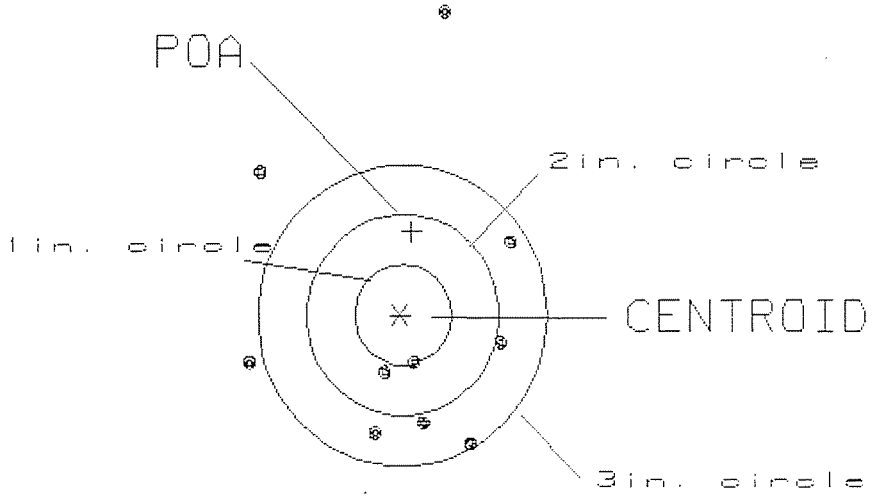
# OF SHOTS= 10	# IN CIRCLE
HS= 2.84	1
VS= 3.52	5
GS= 4.26	6

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

PATTERN #:	3	
POA TO CENTROID:		.839
MIN RADIUS	:	.489
MEAN RADIUS	:	1.403
MAX RADIUS	:	3.091
CENTROID X	:	-.113
CENTROID Y	:	-.831

23 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348026

CENTERFIRE PATTERN # 3



OF SHOTS= 10

HS=	2.75
VS=	4.29
GS=	4.30

IN CIRCLE
1
2
7

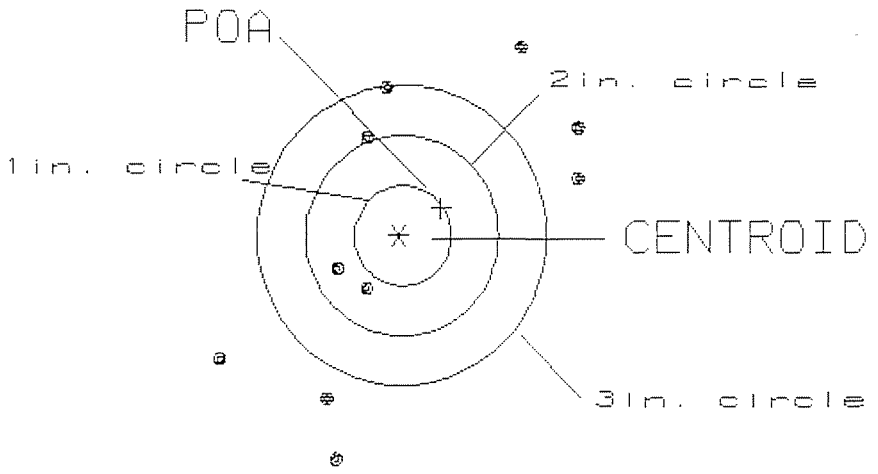
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4

POA TO CENTROID:	.506
MIN RADIUS :	.634
MEAN RADIUS :	1.674
MAX RADIUS :	2.357
CENTROID X :	-.425
CENTROID Y :	-.275

23 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348826

CENTERFIRE PATTERN # 4



# OF SHOTS= 10	# IN CIRCLE
HS= 3.75	0
VS= 4.18	2
GS= 4.59	3

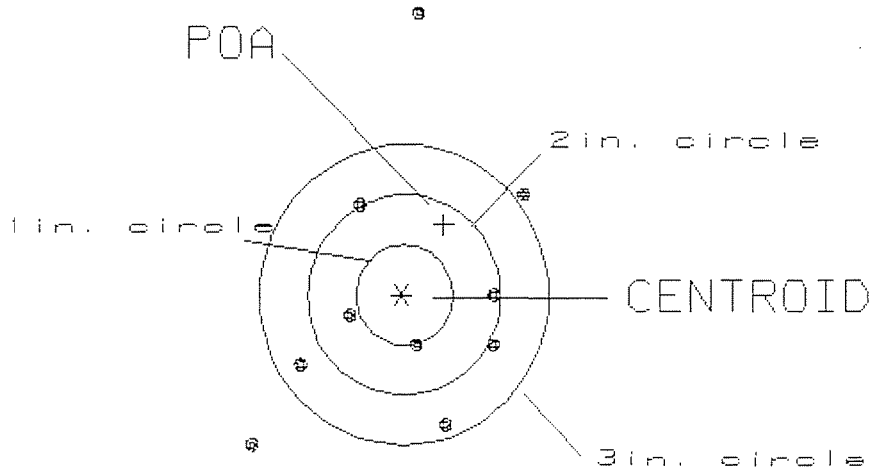
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5

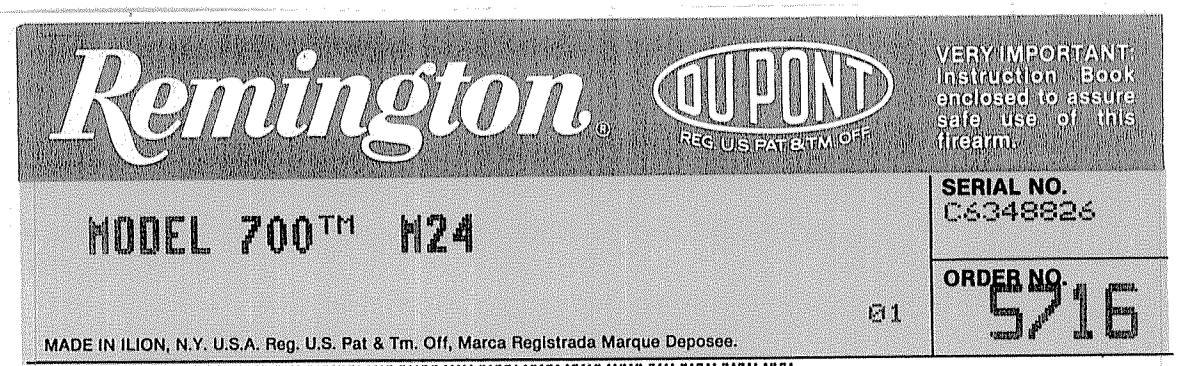
POA TO CENTROID:	.825
MIN RADIUS :	.521
MEAN RADIUS :	1.341
MAX RADIUS :	2.835
CENTROID X :	-.430
CENTROID Y :	-.704

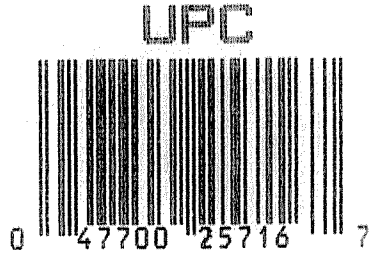
23 Oct 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348826

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 2.86	0
VS= 4.31	3
GS= 4.63	7





CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348826

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 11	89	RW
600	Proof	7 11	89	RW
607	Check Headspace	7 11	89	RW
610	Dis-assemble Gun		89	RW
612	Magnaflux Barrel Action		7/13	KCR
	Magnaflux Bolt	[redacted]	7/13	KCR
615	Rollmark Caliber		7/13	GS
617	Drill and Tap Sight Holes	7 13	89	TB
618	Polish Barrel RB	7 13	89	BT
620	Apply Coatings (Barrel Action)		7/21/89	TT
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/89	RW
	C) Inspect Ejector Hole for Chamfer		7/25/89	RW
	D) Oil Firing Pin Ass'y		7/25/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1 aug 89	JSS

QUALITY AUDIT

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	4	4	1 Aug 89	
	G) Safety Off Force	3	3	3	1 Aug 89	
	H) Trigger Pull Test & Retainability				1 Aug 89	
	I) Firing Pin Indent	.021	.0215	.0215	1 Aug 89	
	J) Assemble Stock				8/3/89	
	K) Assemble Swivel Studs				1 Aug 89	
	L) Attach Front and Rear Sight Assemblies				8/3/89	
	M) Iron Sight Alignment				8/3/89	
	N) Detach Front & Rear Sights & place in numbered container				8/3/89	
	O) Attach Scope to Rifle				8/4/89	
	P) Detach & Attach Scope 20 Times				8/4/89	
640	Gallery Target & Test	86 R	66 L		8-4-89	
	A) Time				8-4-89	
	B) Malfunctions				8-4-89	
	C) Pierced Primers				8-4-89	
	D) Optical Clearity of Scope				8-4-89	
645	Inspect for Live Ammo				8-4-89	
655	Final Inspection A) Headspace				1 Aug 89	
	B) Trigger Pull	2.07	2.19	2.22	2.19 2.06	1 Aug 89
	C) Function				1 Aug 89	
660	Pack				1 Aug 89	

TRIGGER PULL TEST

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

SERIAL NO. C6348826

DATE 7-9-90

TESTER 99

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.13	2.20		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPTABLE LESS THAN 2#
PULL #2	2.42	2.33	2.24		
PULL #3	2.45	2.41	2.21		
PULL #4	2.24	2.21	2.30		
PULL #5	2.31	2.18	2.32		
TOTAL	11.79	11.26	11.29		
AVG.	2.358	2.252	2.258		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.42		
PULL #2	3.32	3.40		
PULL #3	3.28	3.38		
PULL #4	3.40	3.39		
PULL #5	3.38	3.39		
TOTAL	16.67	16.98		
AVG.	3.334	3.396		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.35		4.41
PULL #2	4.40	4.41		4.41
PULL #3	4.35	4.45		4.32
PULL #4	4.32	4.42		4.45
PULL #5	4.35	4.43		4.45
TOTAL	21.60	22.06		22.04
AVG.	4.32	4.412		4.408

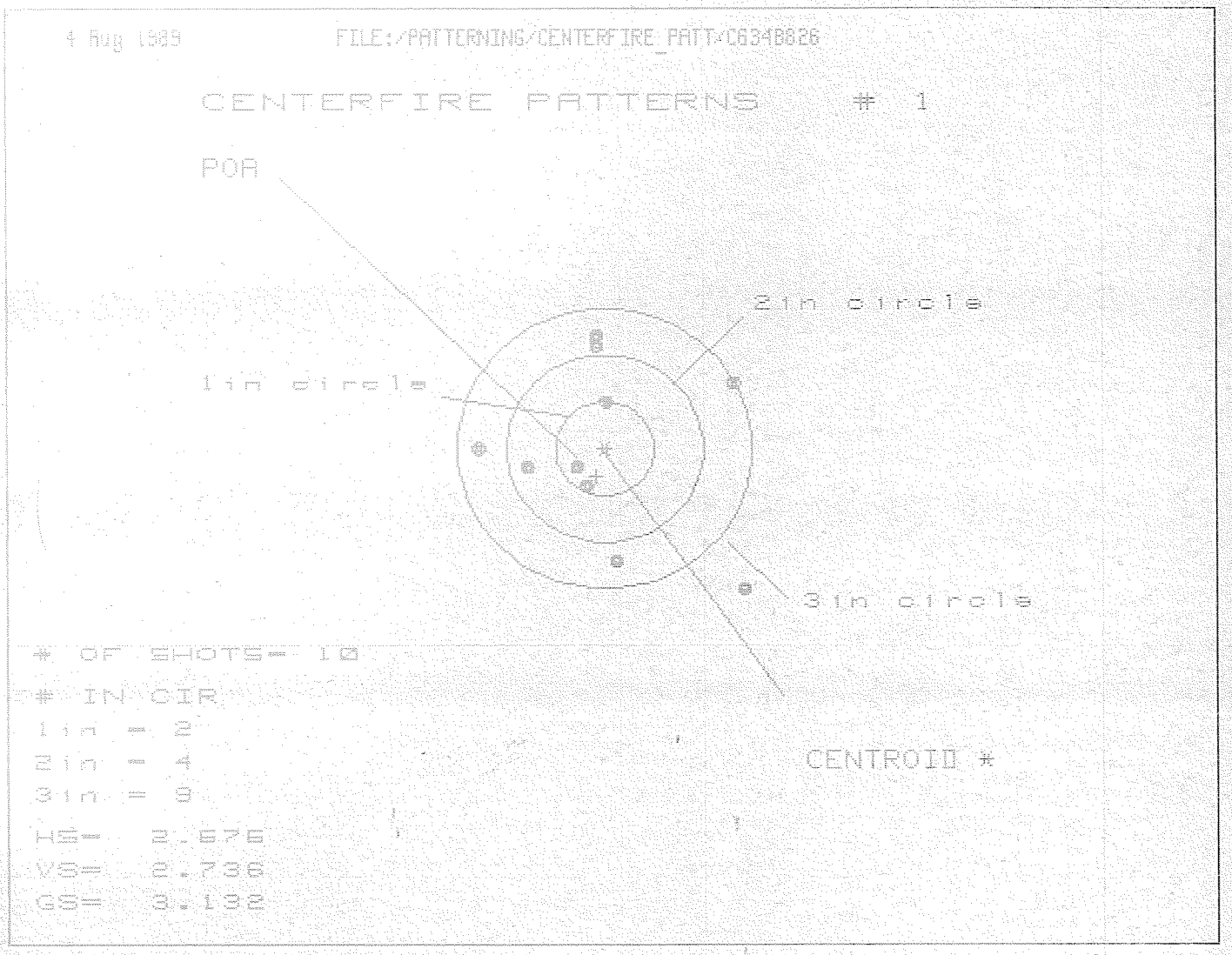
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348026
4 Aug 1989

CENTROIDAL DISTANCES

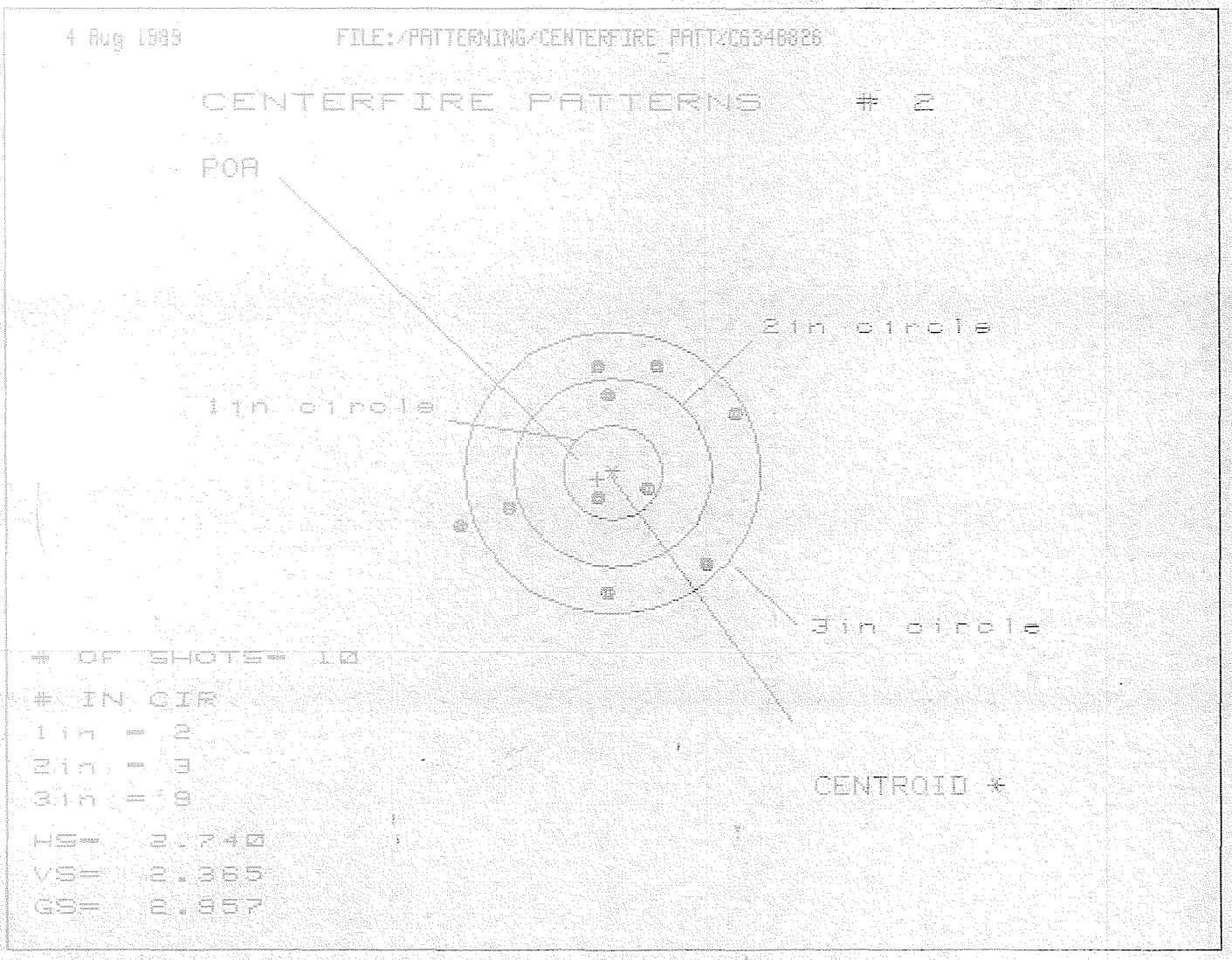
0	TO	1	.31044
1	TO	2	.2364
1	TO	3	.298062
1	TO	4	.189156
1	TO	5	.128845

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0546
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .239
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .245157

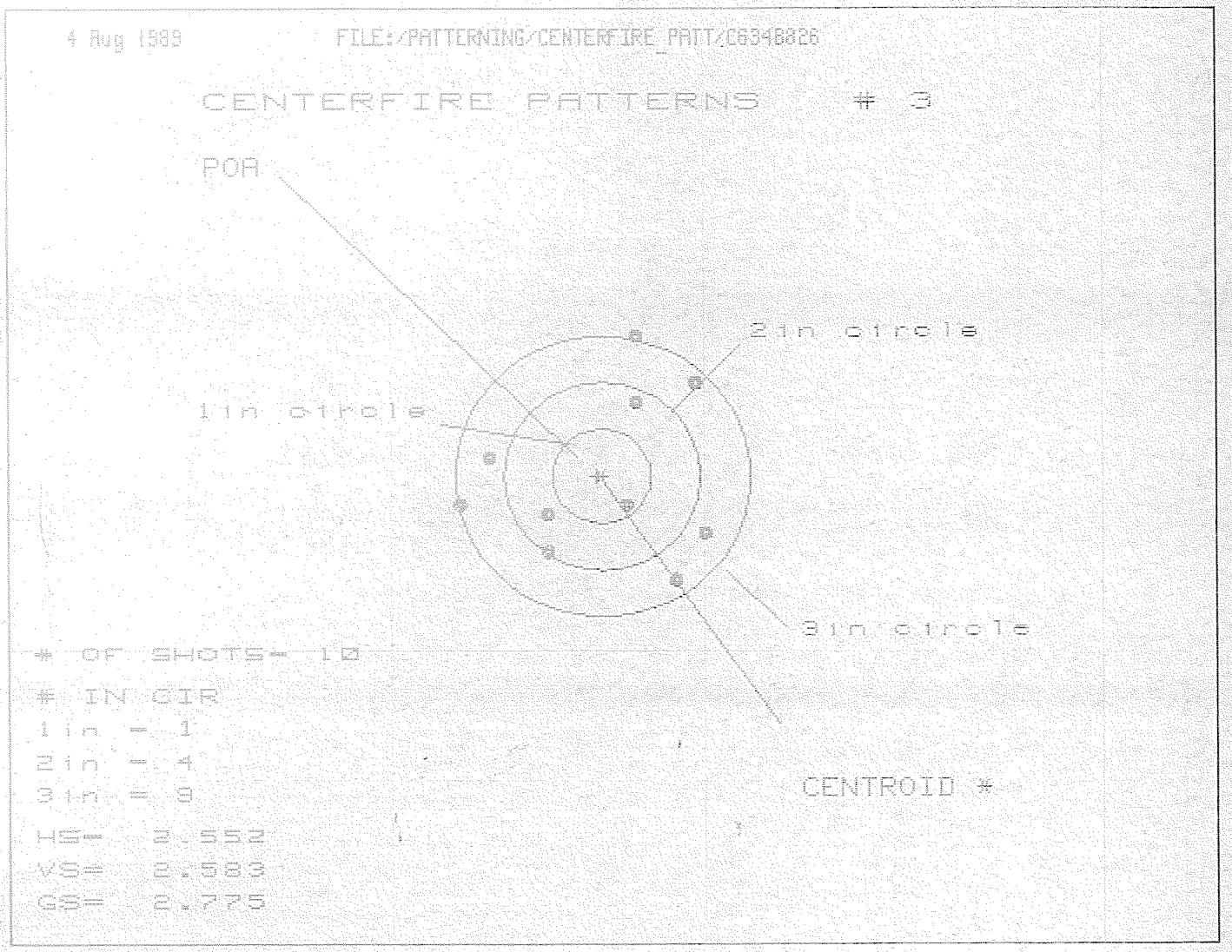
THE AMR FOR THIS RIFLE IS: 1.051



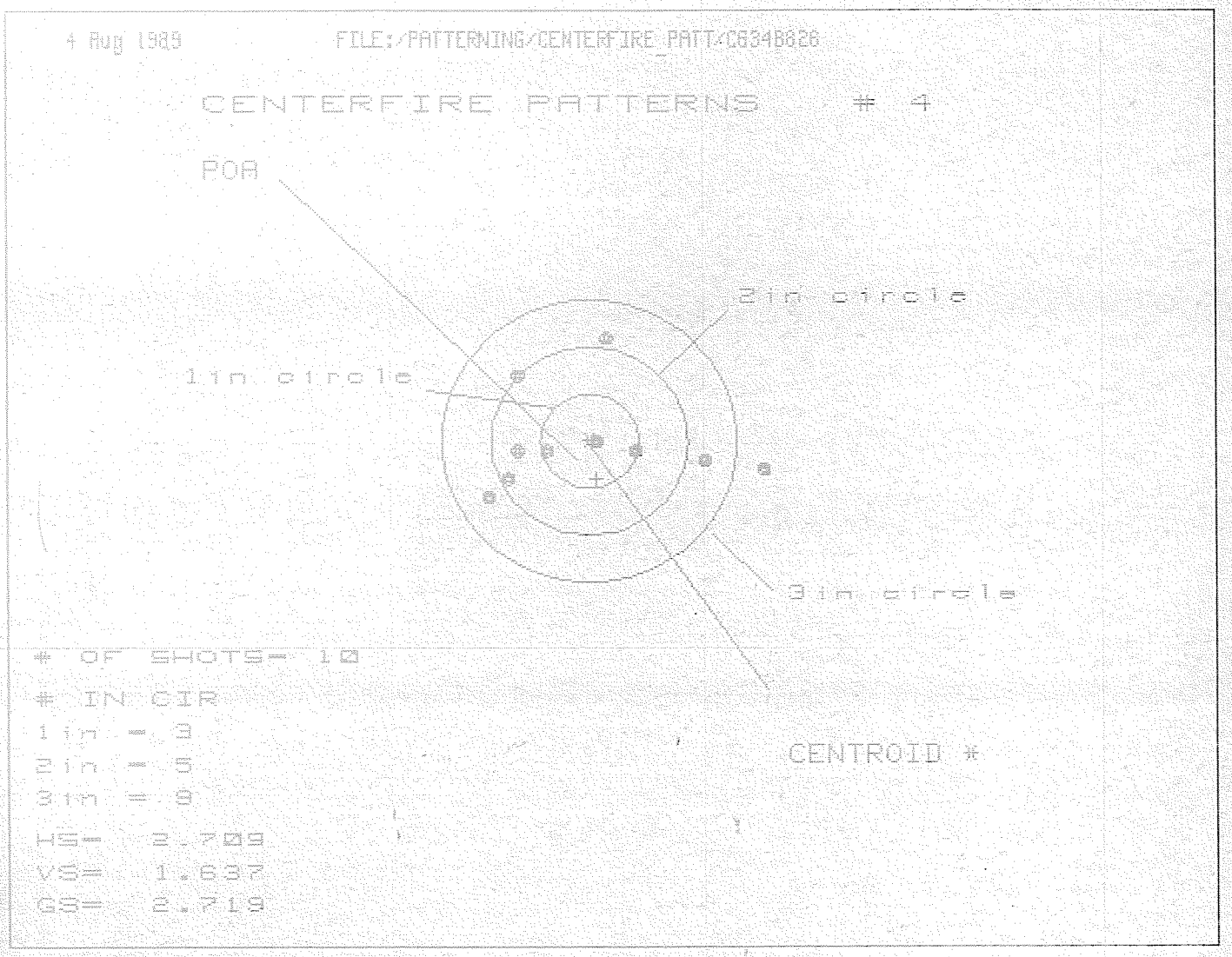
PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.399	1.434	.431
MINIMUM X	:	-1.277	-1.121	-.942
MAXIMUM Y	:	1.195	1.024	1.094
MINIMUM Y	:	-1.541	-1.348	-1.278
CENTROID X	:	.087	-.069	-.248
CENTROID Y	:	.298	.469	.399
POA TO CENTROID in.	:	.310	.474	.470
MIN RADIUS	:	.360	.369	.258
MEAN RADIUS	:	1.040	.891	.783
MAX RADIUS	:	2.081	1.539	1.349
HORIZONTAL SPREAD	:	2.676	2.555	1.373
VERTICAL SPREAD	:	2.736	2.372	2.372
EXTREME SPREAD	:	3.132	2.667	2.382
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



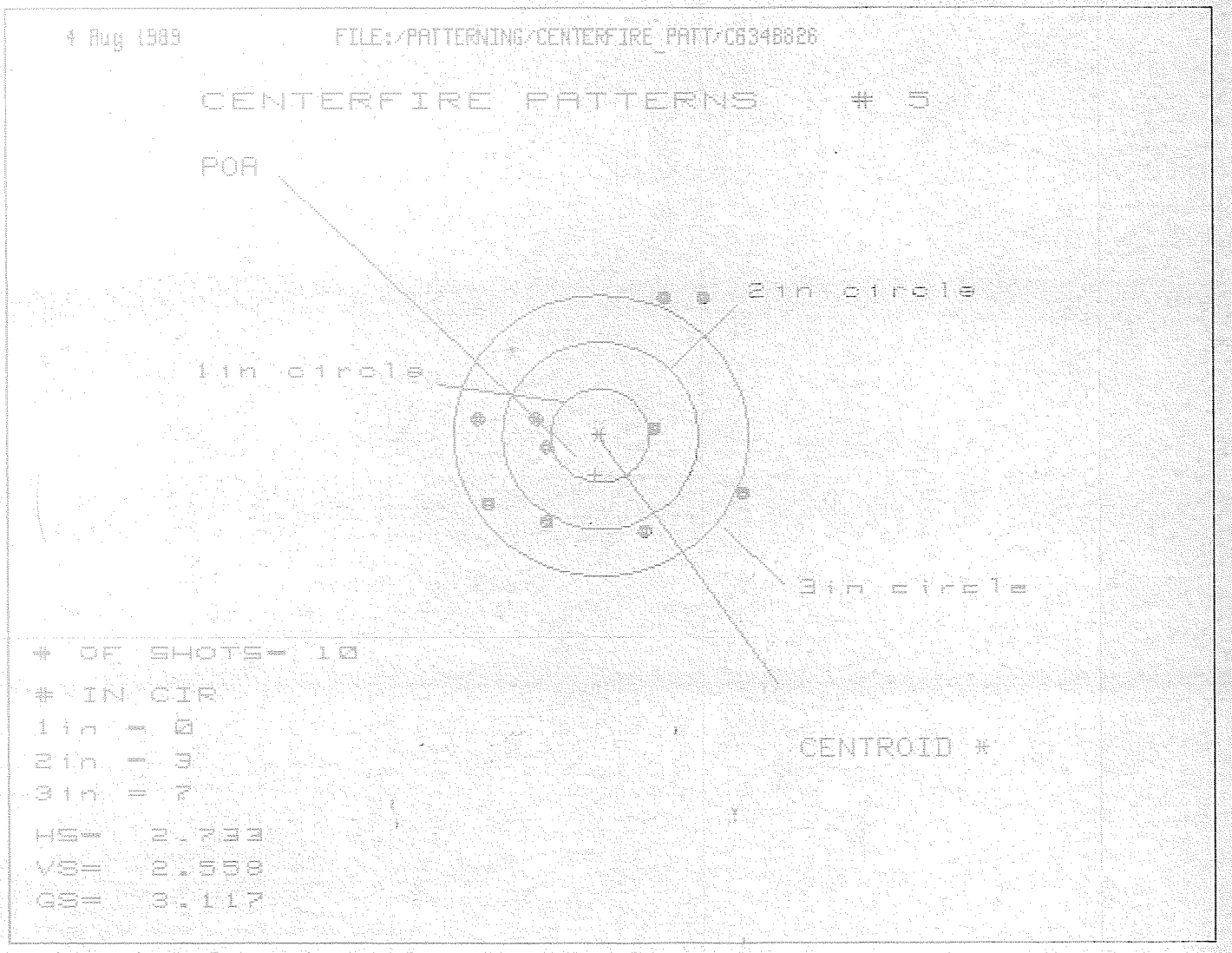
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.208	1.038	.899
MINIMUM X	:	-1.532	-1.257	-1.127
MAXIMUM Y	:	1.113	1.054	1.119
MINIMUM Y	:	-1.252	-1.311	-1.246
CENTROID X	:	.153	.323	.193
CENTROID Y	:	.071	.130	.065
POA TO CENTROID in.	:	.169	.348	.204
MIN RADIUS	:	.341	.306	.355
MEAN RADIUS	:	1.058	.982	.950
MAX RADIUS	:	1.622	1.345	1.288
HORIZONTAL SPREAD	:	2.740	2.295	2.026
VERTICAL SPREAD	:	2.365	2.365	2.365
EXTREME SPREAD	:	2.957	2.503	2.381
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.093	1.127	.949
MINIMUM X	:	-1.460	-1.425	-1.321
MAXIMUM Y	:	1.470	1.203	1.181
MINIMUM Y	:	-1.113	-.949	-.971
CENTROID X	:	.052	.018	.197
CENTROID Y	:	.002	-.162	-.140
POA TO CENTROID in.	:	.053	.163	.241
MIN RADIUS	:	.356	.292	.155
MEAN RADIUS	:	1.108	1.039	.976
MAX RADIUS	:	1.502	1.553	1.428
HORIZONTAL SPREAD	:	2.552	2.552	2.269
VERTICAL SPREAD	:	2.583	2.152	2.152
EXTREME SPREAD	:	2.775	2.775	2.412
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.727	1.328	.838
MINIMUM X	:	-.982	-.790	-.624
MAXIMUM Y	:	1.062	1.024	.994
MINIMUM Y	:	-.575	-.613	-.643
CENTROID X	:	-.071	-.263	-.429
CENTROID Y	:	.402	.440	.470
POA TO CENTROID in.	:	.408	.512	.636
MIN RADIUS	:	.082	.243	.145
MEAN RADIUS	:	.872	.751	.653
MAX RADIUS	:	1.760	1.350	1.125
HORIZONTAL SPREAD	:	2.709	2.118	1.462
VERTICAL SPREAD	:	1.637	1.637	1.637
EXTREME SPREAD	:	2.719	2.150	2.002
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.478	1.590	1.687
MINIMUM X	:	-1.255	-1.143	-1.046
MAXIMUM Y	:	1.492	1.657	.585
MINIMUM Y	:	-1.066	-.901	-.694
CENTROID X	:	.052	-.060	-.157
CENTROID Y	:	.422	.257	.050
POA TO CENTROID in.	:	.425	.264	.165
MIN RADIUS	:	.563	.433	.408
MEAN RADIUS	:	1.170	1.078	.957
MAX RADIUS	:	1.794	1.828	1.703
HORIZONTAL SPREAD	:	2.733	2.733	2.733
VERTICAL SPREAD	:	2.558	2.558	1.279
EXTREME SPREAD	:	3.117	2.887	2.847
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	