

C6498803

BOLT
178

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: **RE00141337**

Serial: C6498803 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

High Priority

Status:

Closed 2/7/2008 8:33:55 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **TRANSPORTATION OFFICER**

TRANSPORTATION OFFICER

Address 1: **HQ US ARMY AIR DEFENSE ARTILLERY CEN**

HQ US ARMY AIR DEFENSE ARTILLERY CEN

Address 2: **ATTN: ATZC-ISL-TM BLDG** PO Box:

ATTN: ATZC-ISL-TM BLDG PO Box:

City: **FORT BLISS**

FORT BLISS

State: **TX**

Zip Code: **79916**

Country: **US**

State: **TX**

Zip Code: **79916**

Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **NN**

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A026	Scoope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

2/7/2008

4:16 PM

NUM



Serial Number: **C6498803**

Model: **M24 SWS**



RE00141337

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

R & E NUMBER 00141337

SERIAL NUMBER C6498803

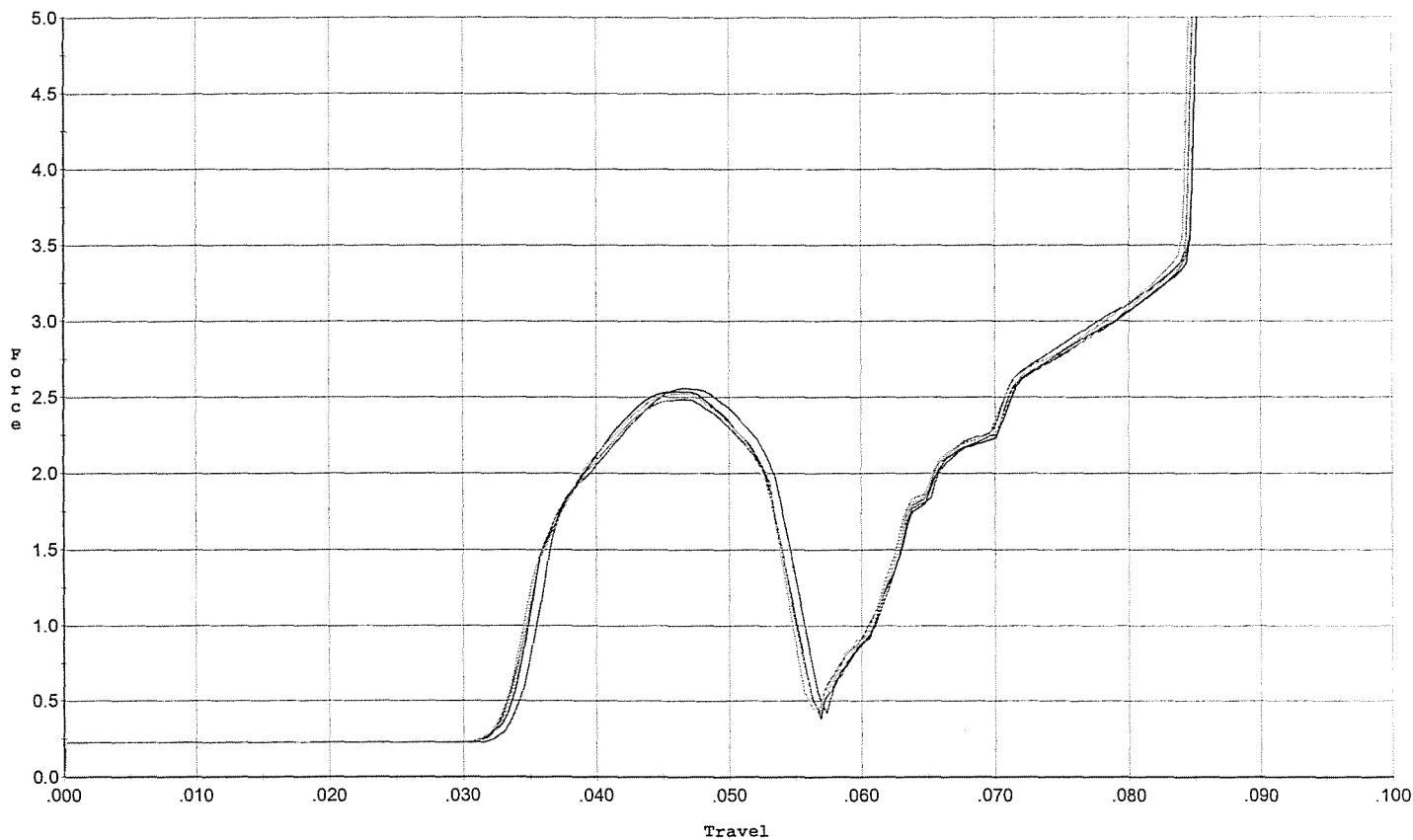
LOG-IN DATE 2-7-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-20-08	L.P.D.
505	RE-BARREL	2-20-08	L.P.D.
560	ASSEMBLE	2-20-08	L.P.D.
600	PROOF	2-20-08	TRW
605	CHECK HEADSPACE	2-20-08	TRW
610	DIS-ASSEMBLE GUN	3-2-08	RTZ
612	MAGNAFLUX	3/14/08	unms
510	DRILL AND TAP	3-12-08	Fm
615	ROLLMARK CALIBER	3-13-08	C.W.
618	ROTO-BLAST	3-14-08	DC
620	APPLY COATINGS	3/20/08	HP
625	FINAL ASSEMBLY	4-2-08	L.P.D.
640	FUNCTION TEST AND	4-4-08	TRW
650	TARGET	4-3-08	SD
	MALFUNCTION	CORRECTION	
	MALFUNCTION <i>catches casing @ right side</i>	CORRECTION OK N/A	4-4-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	4-3-08 TRW
670	FINAL INSPECTION	4/8/08	Fm
	A) HEADSPACE	PASS FAIL	4/8/08 Fm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.87 2.76 2.90 2.71 2.73	4/7/08 Fm
680	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	5.5 5.5 5.5	4/8/08 Fm
	G) SAFETY OFF FORCE 2 LBS MIN	4.5 4.5 4.5	4/8/08 Fm
	I) FIRING PIN INDENT .020	.022 .022 .022	4/8/08 Fm
690	PACK	4/24/08	Fm

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/19/08

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. ini. +/- .50 lbs.



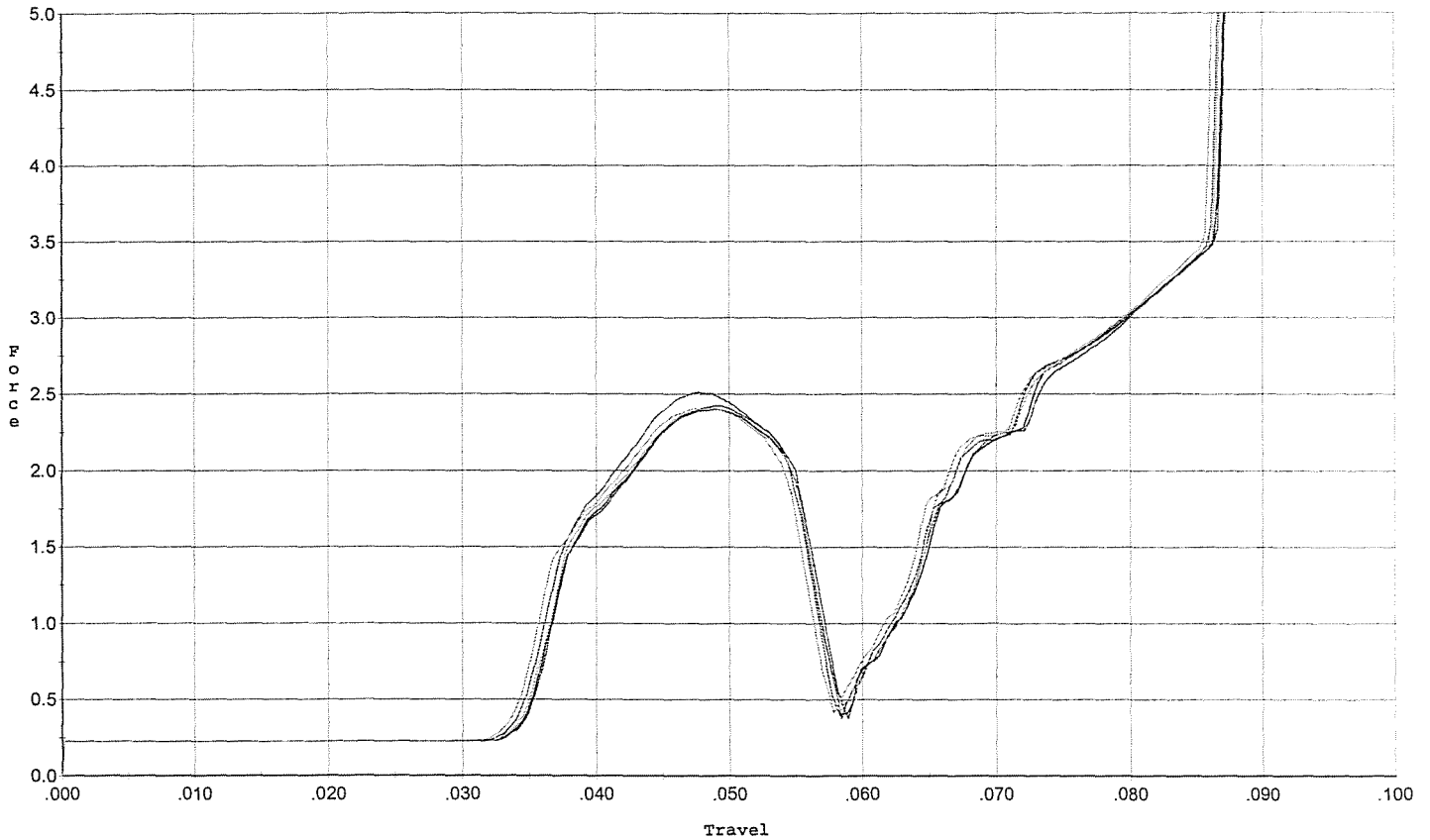
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.558	0.055	0.034	0.036	0.051		Set Trigger
2	2.538	0.053	0.033	0.037	0.049		Set Trigger
3	2.485	0.053	0.033	0.036	0.049		Set Trigger
4	2.501	0.053	0.033	0.036	0.049		Set Trigger
5	2.520	0.053	0.033	0.036	0.049		Set Trigger

Avg 2.52

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/19/08

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



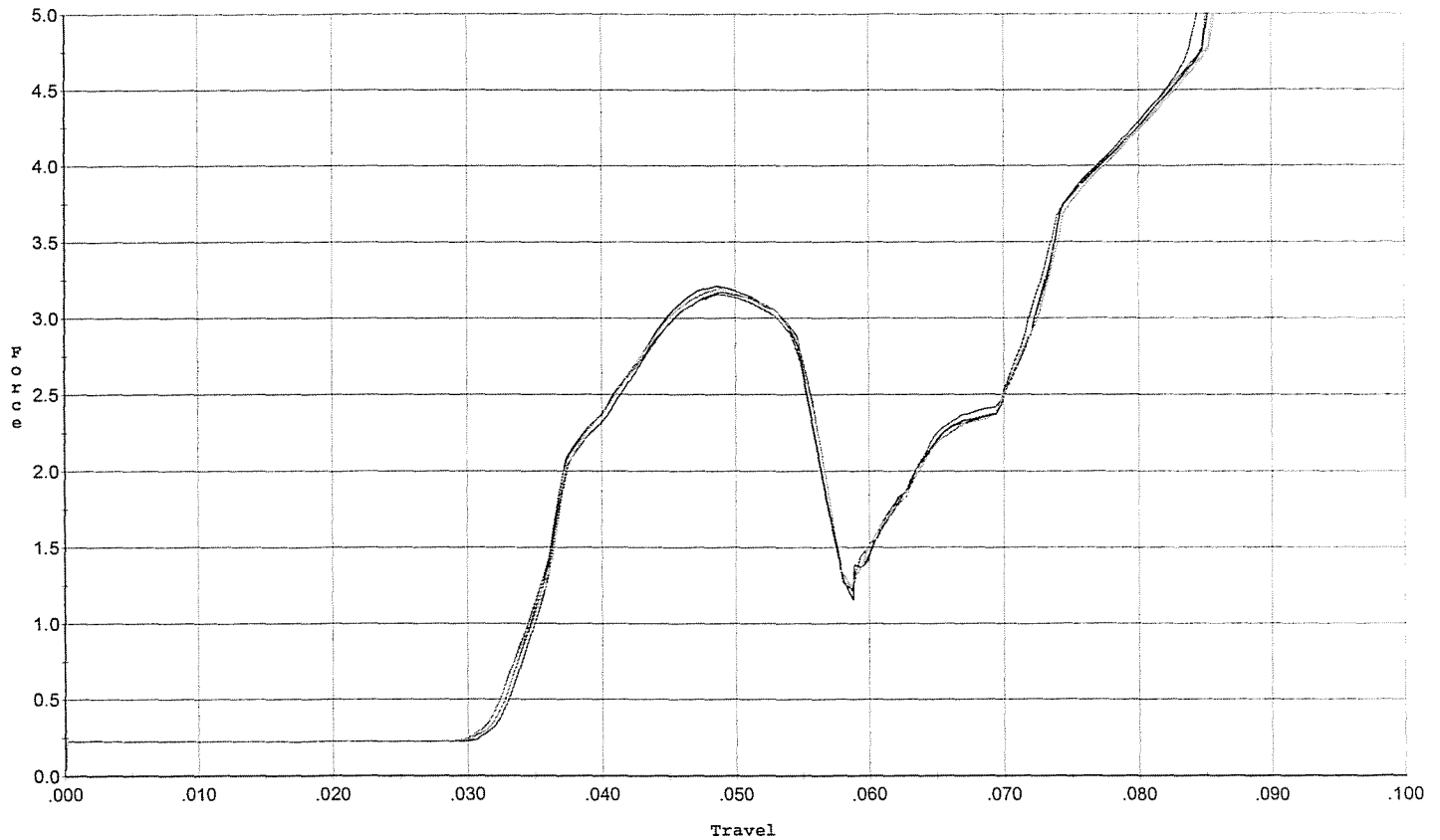
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.425	0.056	0.035	0.037	0.049		Set Trigger
2	2.404	0.055	0.035	0.037	0.048		Set Trigger
3	2.512	0.055	0.034	0.037	0.050		Set Trigger
4	2.405	0.055	0.035	0.037	0.048		Set Trigger
5	2.412	0.055	0.034	0.036	0.049		Set Trigger

Avg 2.43

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/19/08

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. ini. +/- .75 lbs.



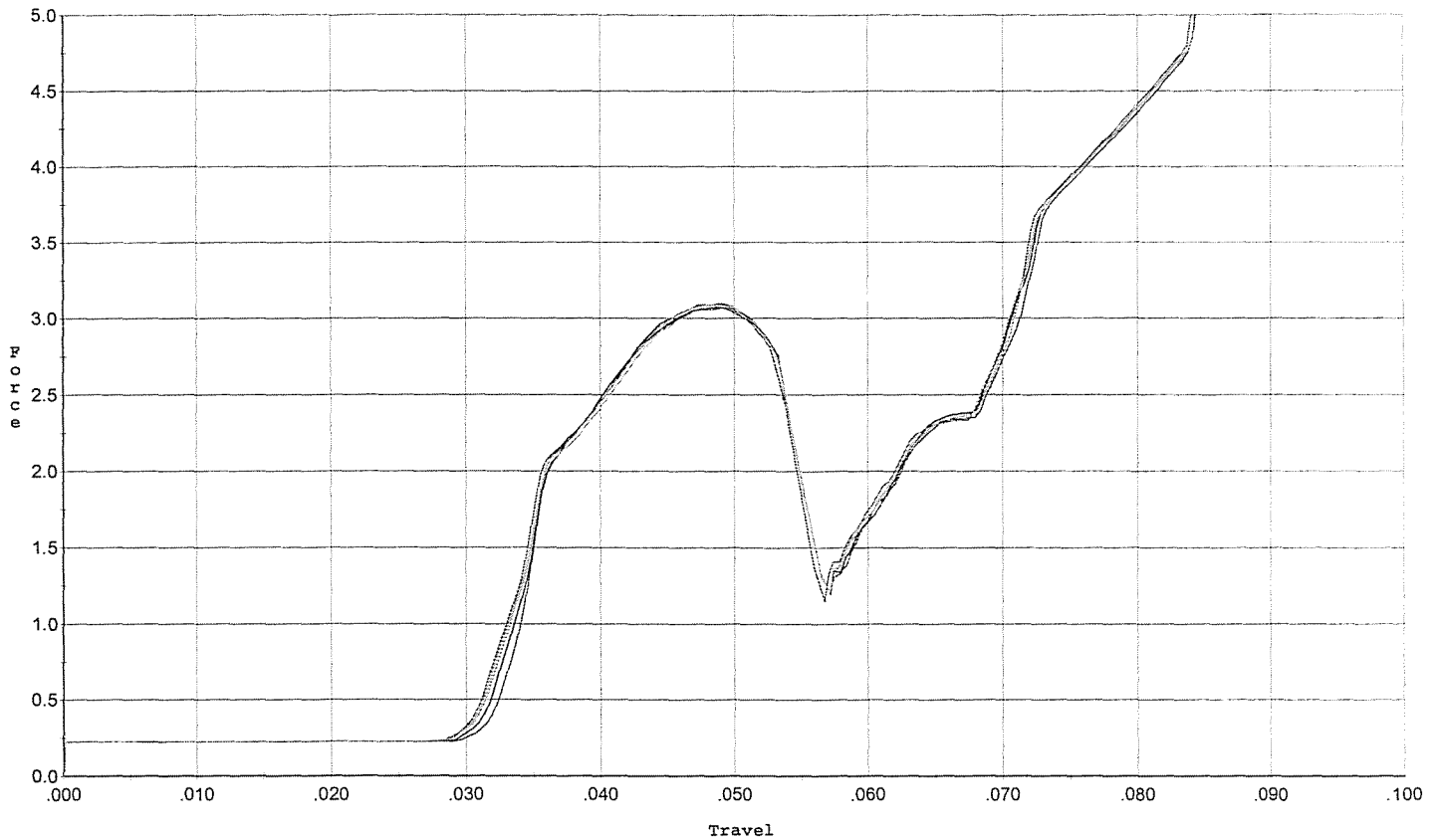
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.169	0.056	0.033	0.034	0.065		Set Trigger
2	3.211	0.055	0.032	0.035	0.064		Set Trigger
3	3.155	0.055	0.032	0.034	0.064		Set Trigger
4	3.197	0.056	0.032	0.035	0.066		Set Trigger
5	3.189	0.056	0.032	0.034	0.066		Set Trigger

Avg 3.18

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/19/08

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



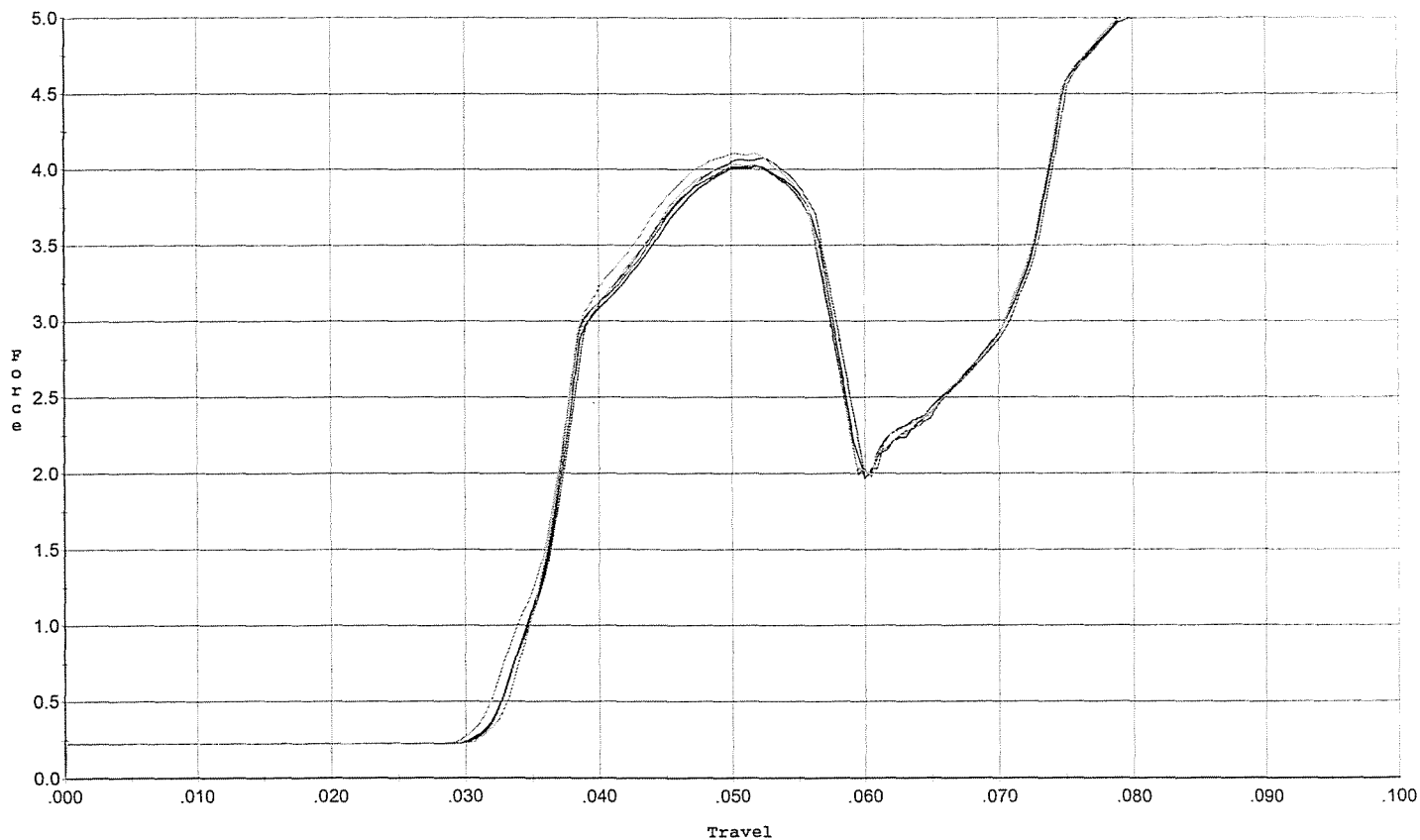
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.092	0.053	0.032	0.035	0.061		Set Trigger
2	3.073	0.053	0.031	0.035	0.061		Set Trigger
3	3.076	0.054	0.031	0.034	0.063		Set Trigger
4	3.073	0.053	0.031	0.034	0.062		Set Trigger
5	3.096	0.053	0.031	0.034	0.062		Set Trigger

Avg 3.08

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/19/08

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



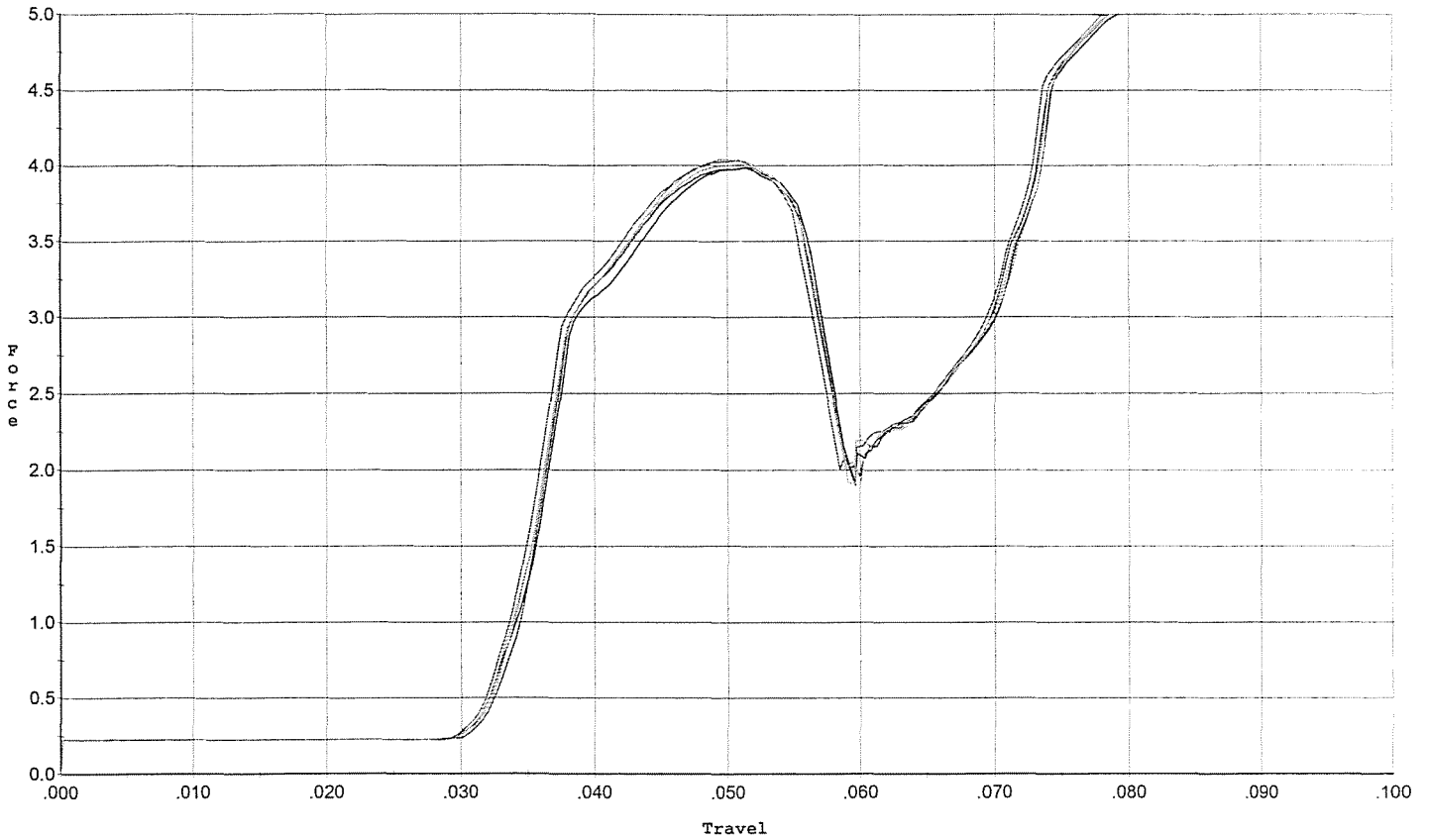
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.020	0.057	0.032	0.033	0.086		Set Trigger
2	4.021	0.057	0.032	0.033	0.085		Set Trigger
3	4.077	0.058	0.032	0.033	0.088		Set Trigger
4	4.106	0.057	0.033	0.033	0.087		Set Trigger
5	4.032	0.057	0.031	0.033	0.087		Set Trigger

AVG 4.05

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/19/08

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



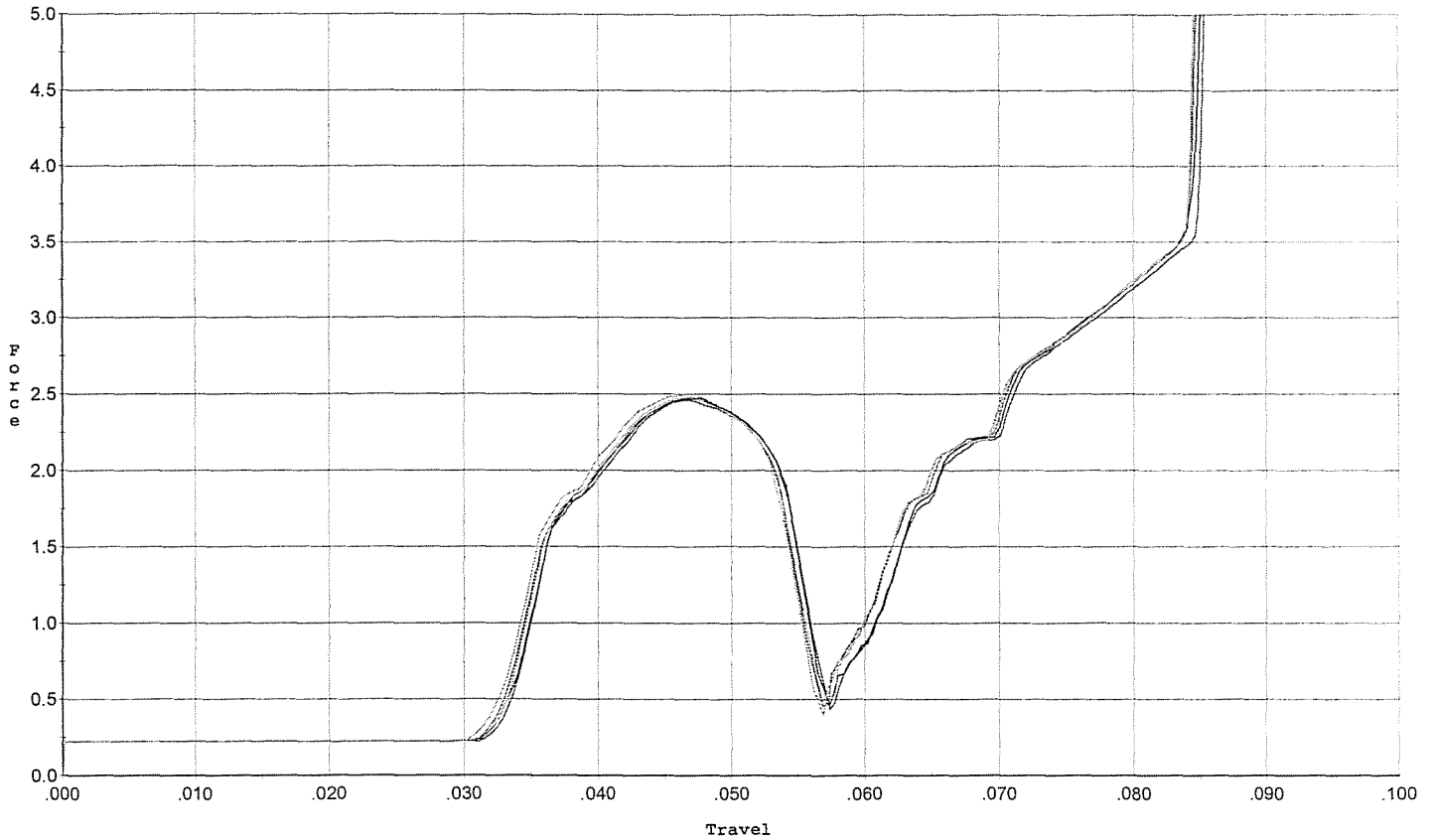
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.985	0.057	0.032	0.033	0.086		Set Trigger
2	3.989	0.056	0.032	0.033	0.085		Set Trigger
3	4.035	0.056	0.031	0.033	0.086		Set Trigger
4	4.008	0.055	0.032	0.033	0.084		Set Trigger
5	4.040	0.057	0.032	0.033	0.087		Set Trigger

Avg 4.01

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 2/19/08

Model: M/24
Serial No: Form #F005
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



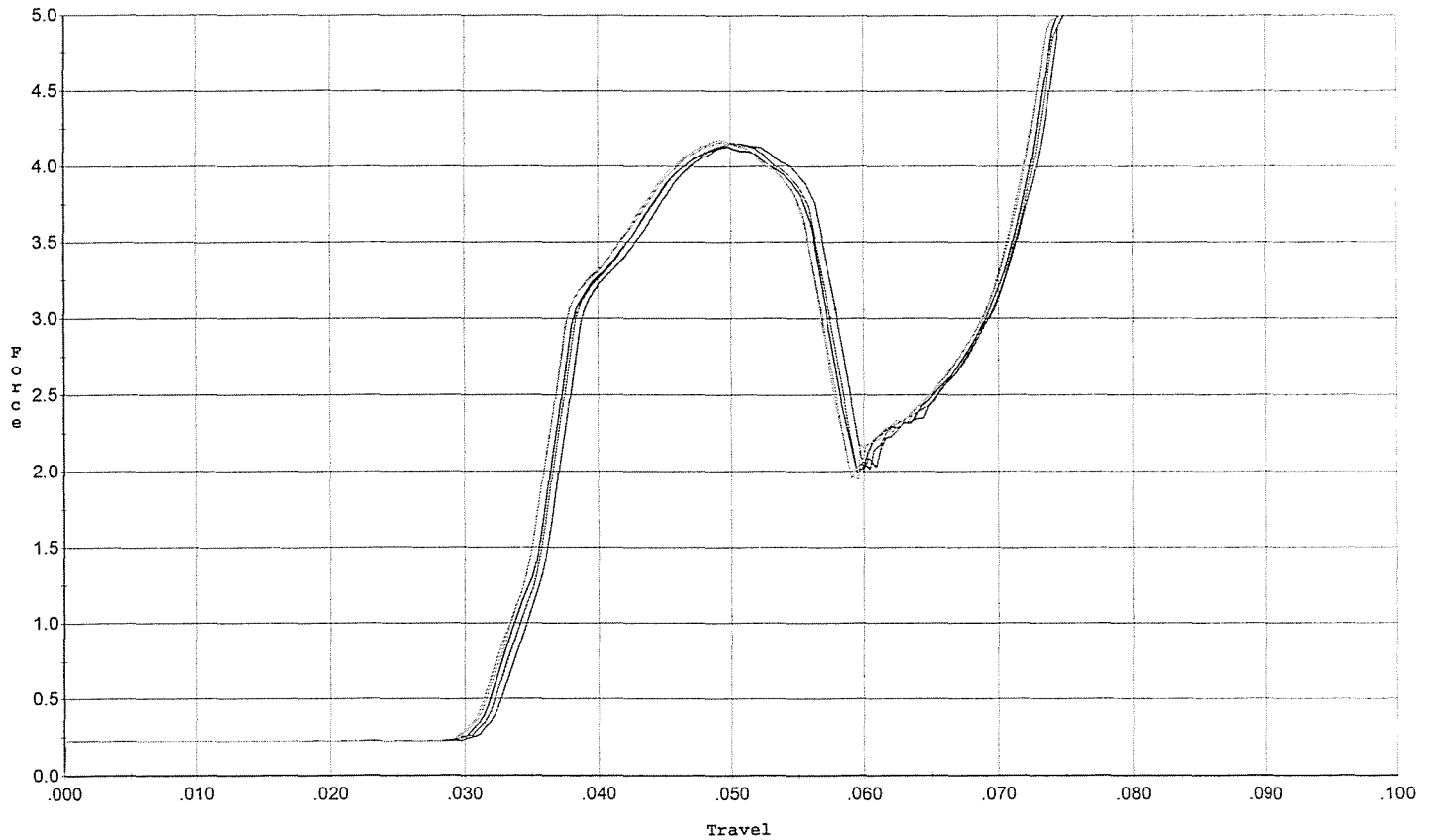
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.474	0.054	0.033	0.036	0.050		Set Trigger
2	2.469	0.054	0.033	0.036	0.050		Set Trigger
3	2.460	0.054	0.033	0.036	0.050		Set Trigger
4	2.476	0.054	0.033	0.036	0.050		Set Trigger
5	2.493	0.054	0.032	0.035	0.051		Set Trigger

Avg 2.47

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 2/19/08

Model: M/24
Serial No: Form #F005
Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.154	0.058	0.032	0.032	0.089		Set Trigger
2	4.128	0.056	0.031	0.032	0.087		Set Trigger
3	4.149	0.057	0.032	0.033	0.089		Set Trigger
4	4.175	0.055	0.031	0.033	0.087		Set Trigger
5	4.161	0.057	0.031	0.032	0.090		Set Trigger

Avg 4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498803.___0
FILE DATE AND TIME: 04/03/2008 09:44

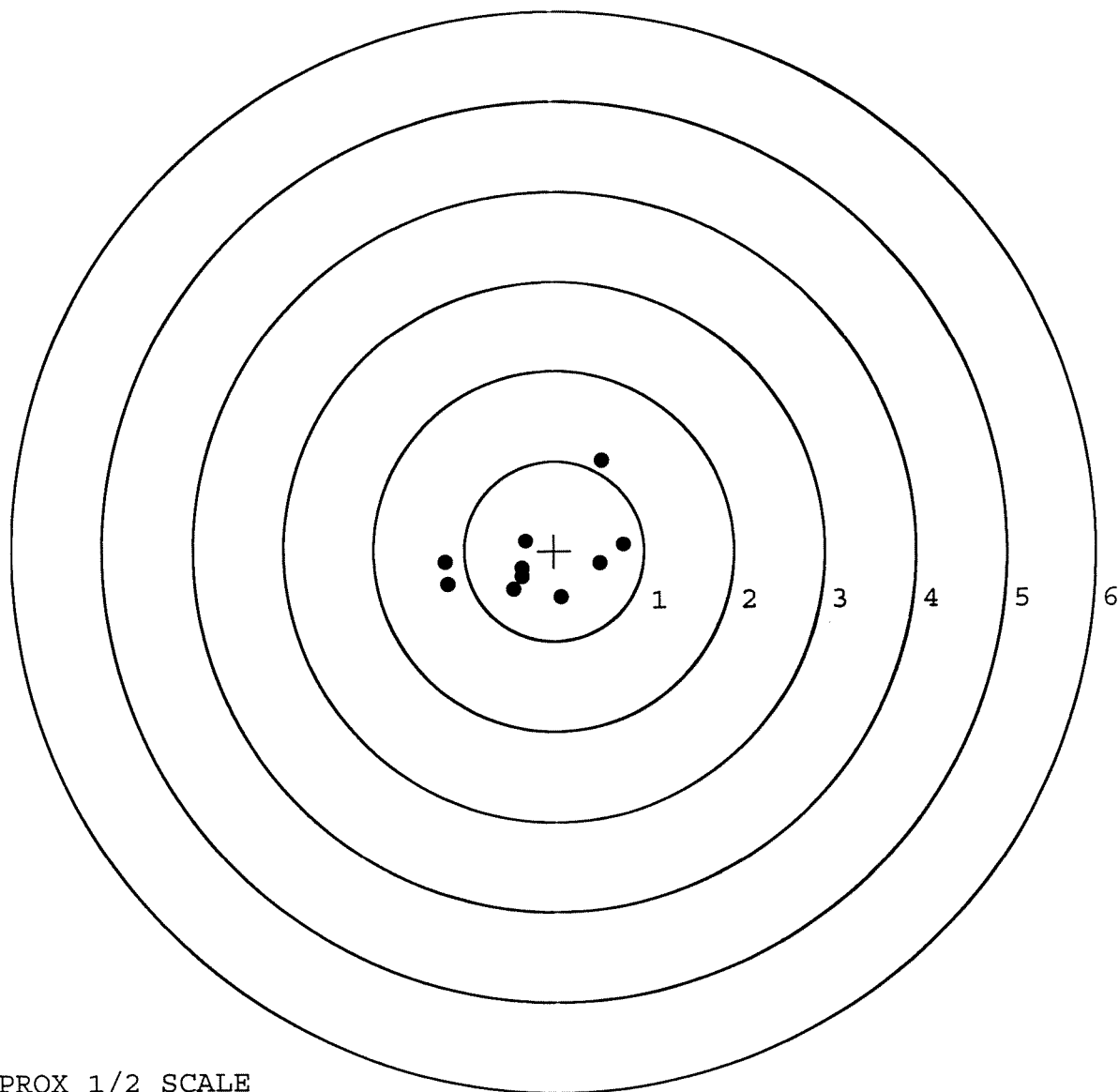
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.121
The Average Y Centroid of the Five Target Set:	0.111
The Average Point of Impact of the Five Target Set:	0.164
The Average Mean Radius of the Five Target Set:	0.801
The Distance from POA to Centroid Target #1:	0.219
The Distance from Centroid Target #2 to Centroid Target #1:	0.126
The Distance from Centroid Target #3 to Centroid Target #1:	0.199
The Distance from Centroid Target #4 to Centroid Target #1:	0.360
The Distance from Centroid Target #5 to Centroid Target #1:	0.402

SERIAL NUMBER: C6498803. __0
 TARGET NUMBER: 1
 FILE DATE: 04/03/2008
 FILE TIME: 09:44

X CENTROID: -0.200
 Y CENTROID: -0.090
 POA TO CENTROID: 0.219
 HORZ SPREAD: 1.982
 VERT SPREAD: 1.518
 GROUP SPREAD: 2.204
 MIN RADIUS: 0.194
 MAX RADIUS: 1.318
 MEAN RADIUS: 0.667
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.536	1.004
2:	0.769	0.071
3:	0.512	-0.145
4:	0.080	-0.514
5:	-0.320	0.113
6:	-0.361	-0.198
7:	-0.457	-0.429
8:	-1.213	-0.132
9:	-1.182	-0.376
10:	-0.362	-0.289

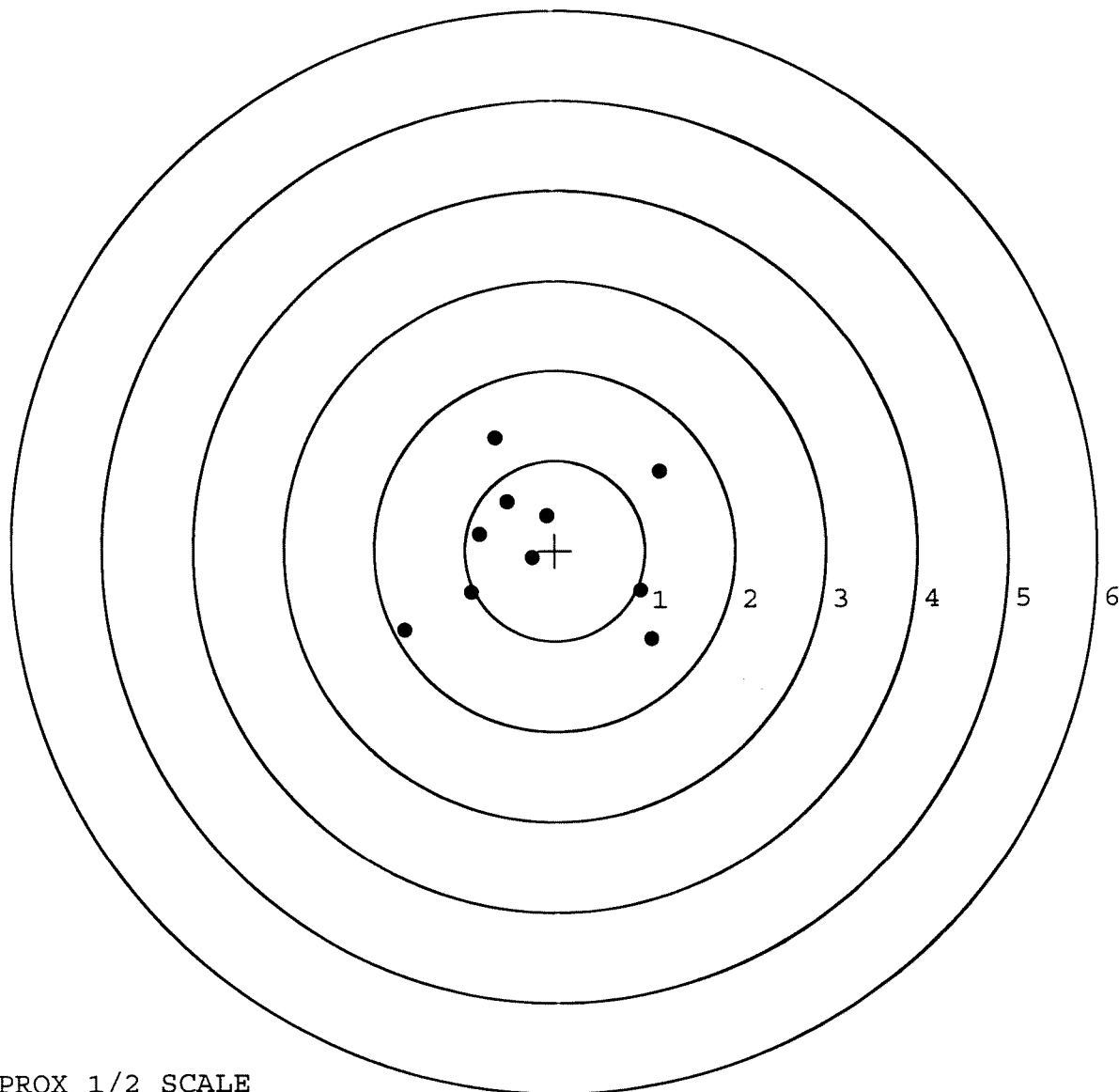


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498803. 0
TARGET NUMBER: 2
FILE DATE: 04/03/2008
FILE TIME: 09:44

X CENTROID: -0.178
Y CENTROID: 0.035
POA TO CENTROID: 0.181
HORZ SPREAD: 2.845
VERT SPREAD: 2.242
GROUP SPREAD: 3.341
MIN RADIUS: 0.144
MAX RADIUS: 1.754
MEAN RADIUS: 1.019
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.173	0.867
2:	-0.091	0.383
3:	-0.258	-0.085
4:	-0.529	0.543
5:	-0.834	0.180
6:	-0.658	1.250
7:	-0.932	-0.466
8:	-1.672	-0.885
9:	0.951	-0.447
10:	1.070	-0.992

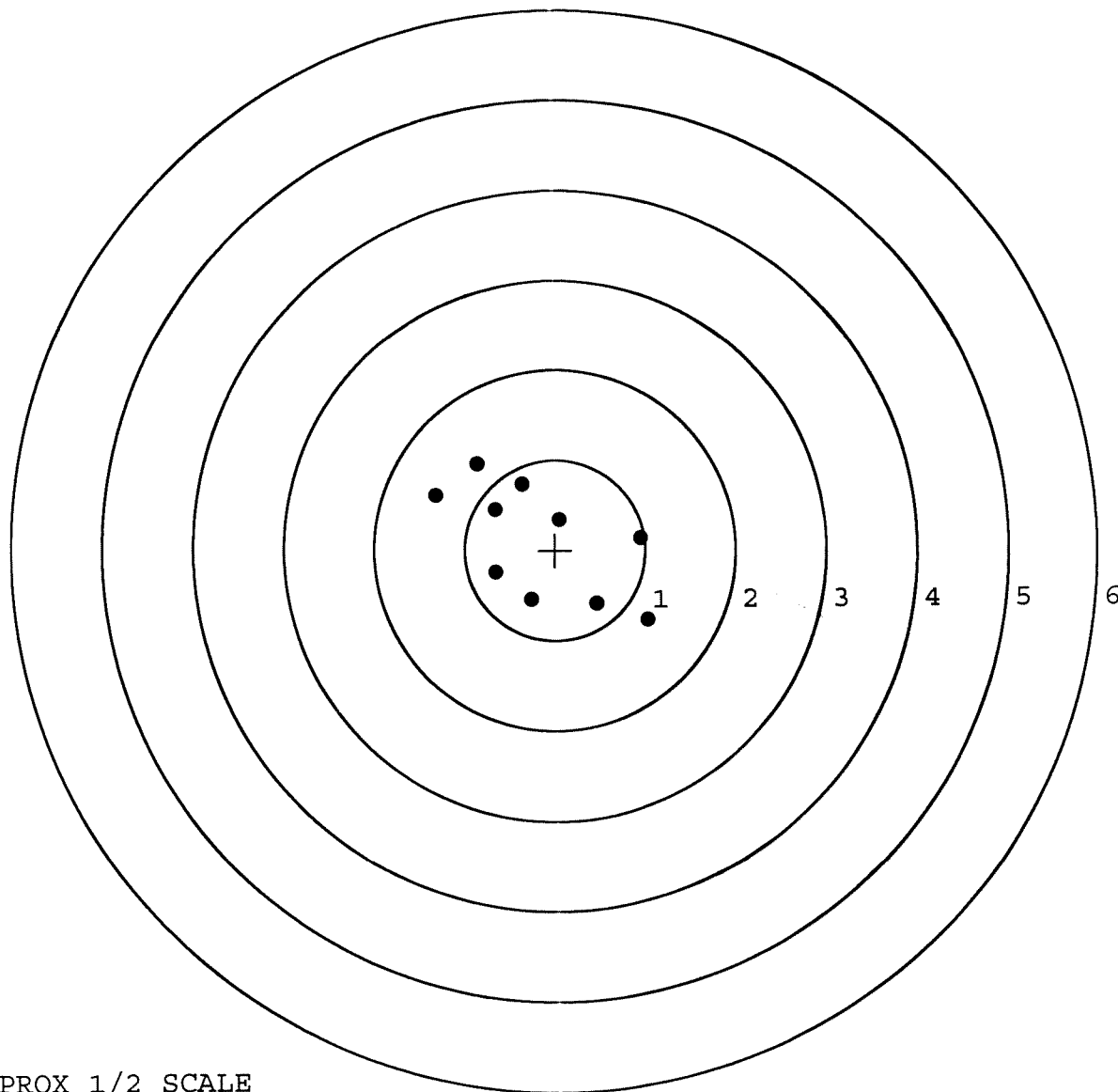


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498803. __0
TARGET NUMBER: 3
FILE DATE: 04/03/2008
FILE TIME: 09:44

X CENTROID: -0.166
Y CENTROID: 0.107
POA TO CENTROID: 0.198
HORZ SPREAD: 2.340
VERT SPREAD: 1.746
GROUP SPREAD: 2.726
MIN RADIUS: 0.315
MAX RADIUS: 1.485
MEAN RADIUS: 0.876
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.950	0.129
2:	1.022	-0.783
3:	0.459	-0.596
4:	-0.270	-0.553
5:	-0.664	-0.242
6:	-1.318	0.615
7:	-0.665	0.460
8:	-0.857	0.963
9:	-0.366	0.737
10:	0.047	0.339

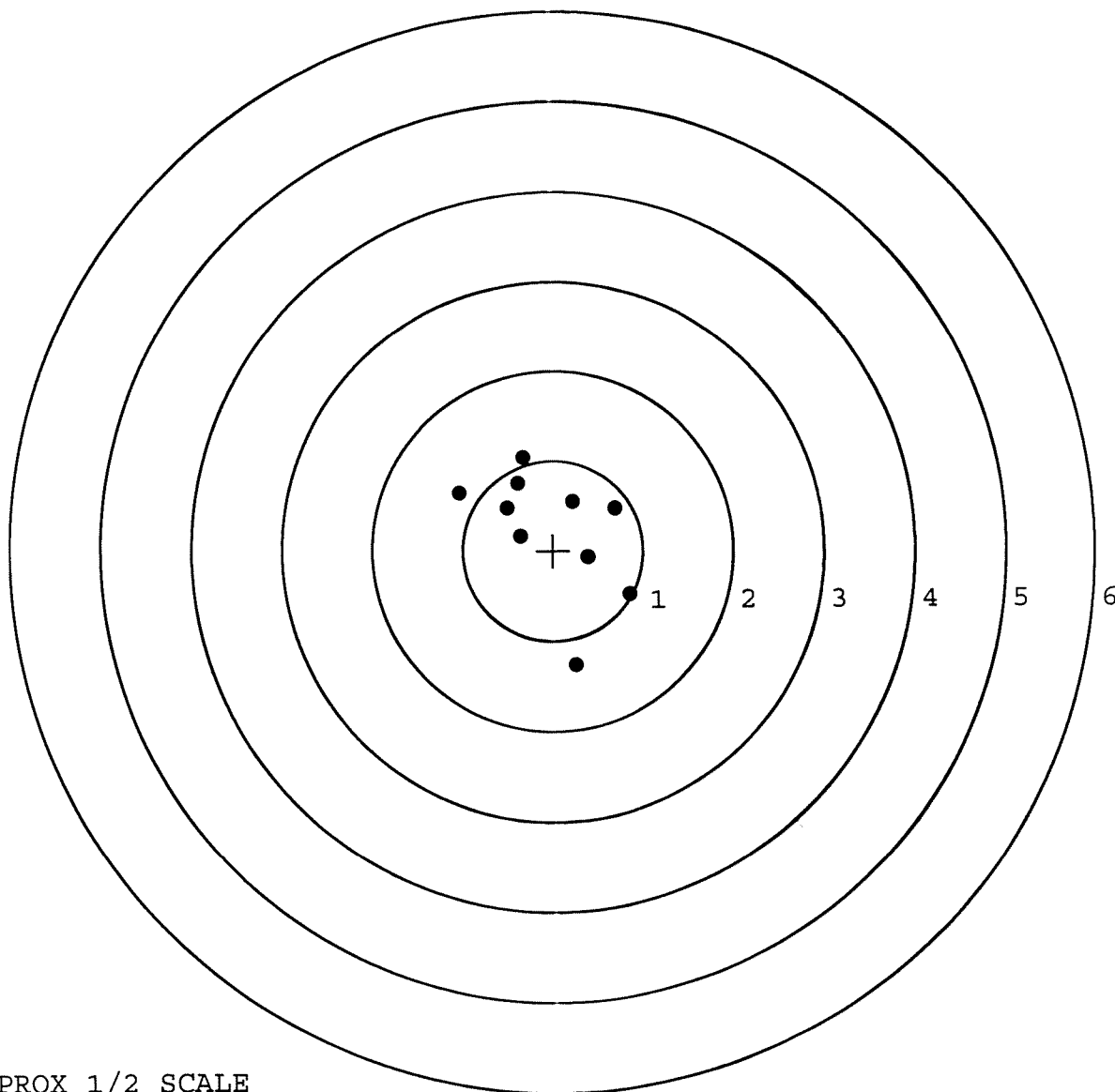


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498803. 0
TARGET NUMBER: 4
FILE DATE: 04/03/2008
FILE TIME: 09:44

X CENTROID: -0.023
Y CENTROID: 0.224
POA TO CENTROID: 0.225
HORZ SPREAD: 1.886
VERT SPREAD: 2.309
GROUP SPREAD: 2.382
MIN RADIUS: 0.347
MAX RADIUS: 1.523
MEAN RADIUS: 0.783
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.221	0.545
2:	0.691	0.472
3:	0.391	-0.078
4:	0.849	-0.492
5:	0.252	-1.274
6:	-0.365	0.163
7:	-0.513	0.475
8:	-0.388	0.752
9:	-0.332	1.035
10:	-1.037	0.644

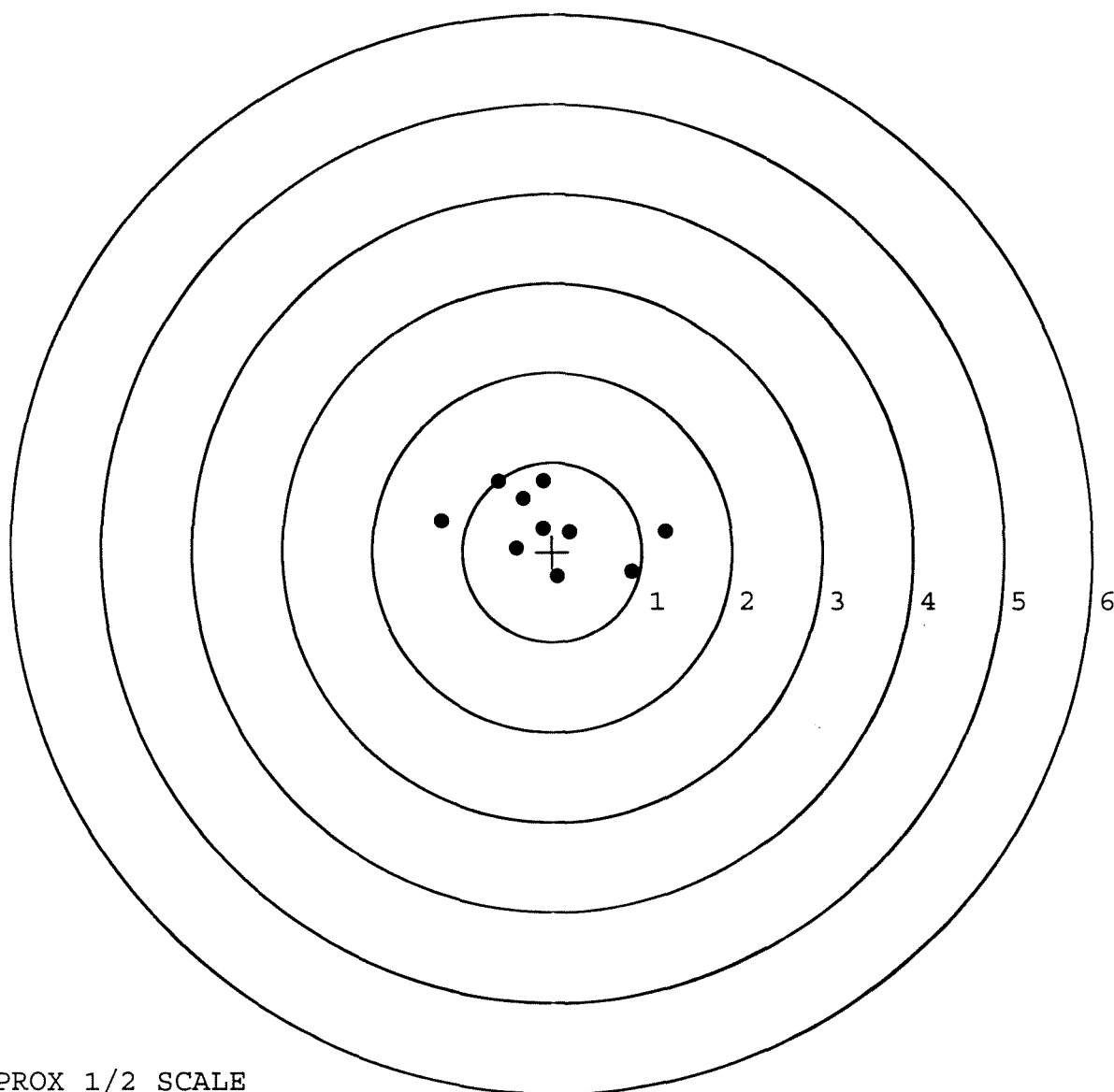


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498803. __0
TARGET NUMBER: 5
FILE DATE: 04/03/2008
FILE TIME: 09:44

X CENTROID: -0.038
Y CENTROID: 0.278
POA TO CENTROID: 0.281
HORZ SPREAD: 2.505
VERT SPREAD: 1.071
GROUP SPREAD: 2.507
MIN RADIUS: 0.069
MAX RADIUS: 1.305
MEAN RADIUS: 0.657
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.104	0.792
2:	-0.331	0.595
3:	-0.604	0.789
4:	-1.239	0.341
5:	-0.400	0.042
6:	-0.106	0.266
7:	0.196	0.227
8:	0.059	-0.279
9:	0.881	-0.224
10:	1.266	0.233



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00092979

Serial: C6498803 Model: M24 SWS-Center Fire
Caliber: 7.62 NATO Produced: 06/19/1990

Repairman:

Status:

Closed: 2/11/2005 7:30:41 AM

Address Information

Customer

☒ Received From

Return To

☐ Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 362014199

Country: US

State: AL

Zip Code: 362014199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition:

Notes:

CSR:

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

loglet

2/14/2005

9:11 AM

CAPS

NUM

INS

SCRL

start

5

2

3

Arms Service

Serial Number: C6498803

Model: M24 SWS



RE00092979

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498803.___0

FILE DATE AND TIME: 04/05/2005 08:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.034
The Average Y Centroid of the Five Target Set:	-0.025
The Average Point of Impact of the Five Target Set:	0.042
The Average Mean Radius of the Five Target Set:	1.117
The Distance from POA to Centroid Target #1:	0.325
The Distance from Centroid Target #2 to Centroid Target #1:	0.239
The Distance from Centroid Target #3 to Centroid Target #1:	0.393
The Distance from Centroid Target #4 to Centroid Target #1:	0.314
The Distance from Centroid Target #5 to Centroid Target #1:	0.666

SERIAL NUMBER: C6498803. __0

TARGET NUMBER: 1

FILE DATE: 04/05/2005

FILE TIME: 08:05

X CENTROID: -0.323

Y CENTROID: 0.034

POA TO CENTROID: 0.325

HORZ SPREAD: 1.932

VERT SPREAD: 4.304

GROUP SPREAD: 4.377

MIN RADIUS: 0.485

MAX RADIUS: 2.273

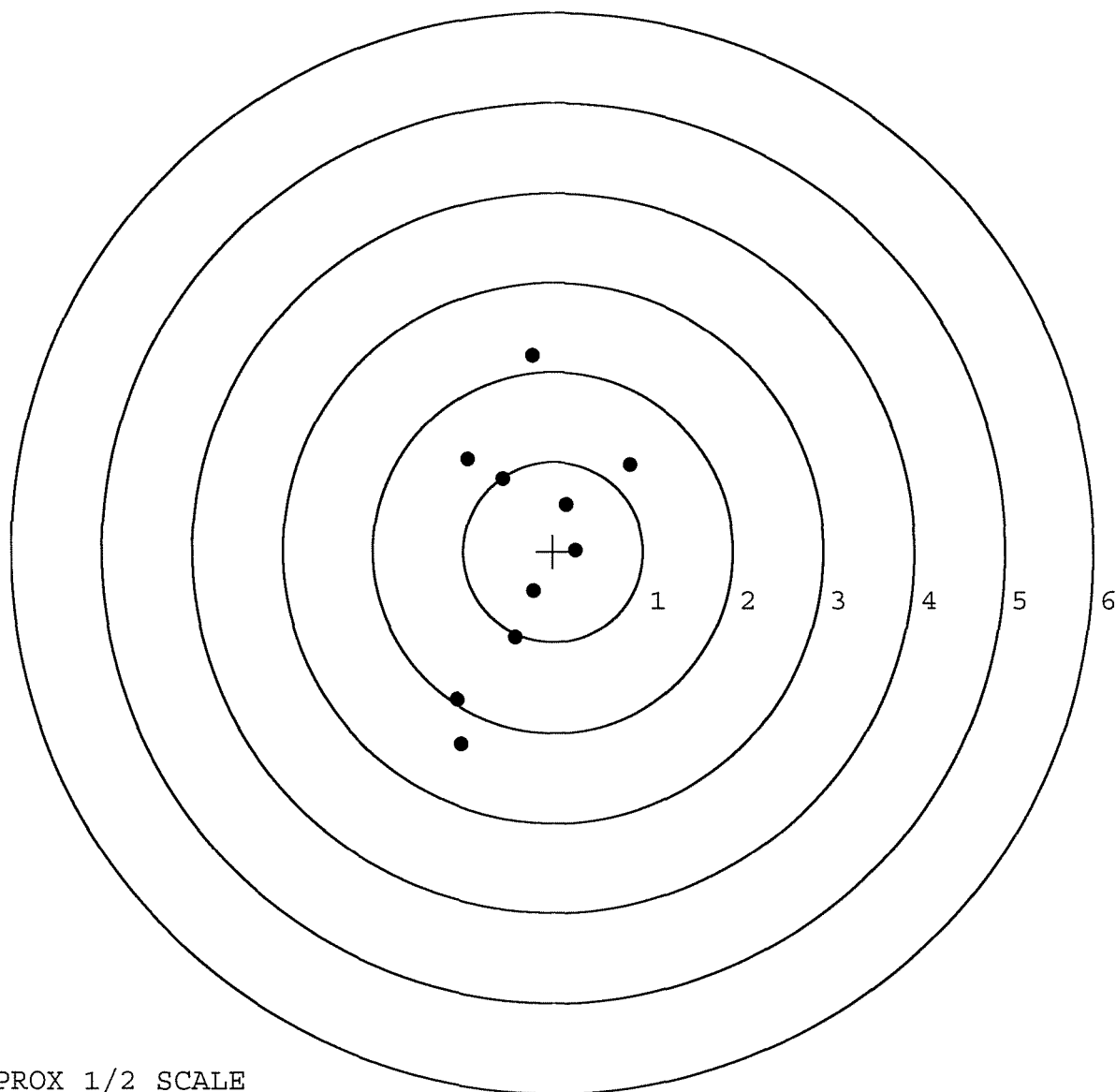
MEAN RADIUS: 1.248

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 6

POINT#	X	Y
1:	0.860	0.965
2:	0.250	0.009
3:	-0.226	-0.441
4:	-0.426	-0.959
5:	-1.072	-1.642
6:	-1.021	-2.129
7:	-0.560	0.810
8:	-0.951	1.030
9:	-0.227	2.175
10:	0.142	0.526

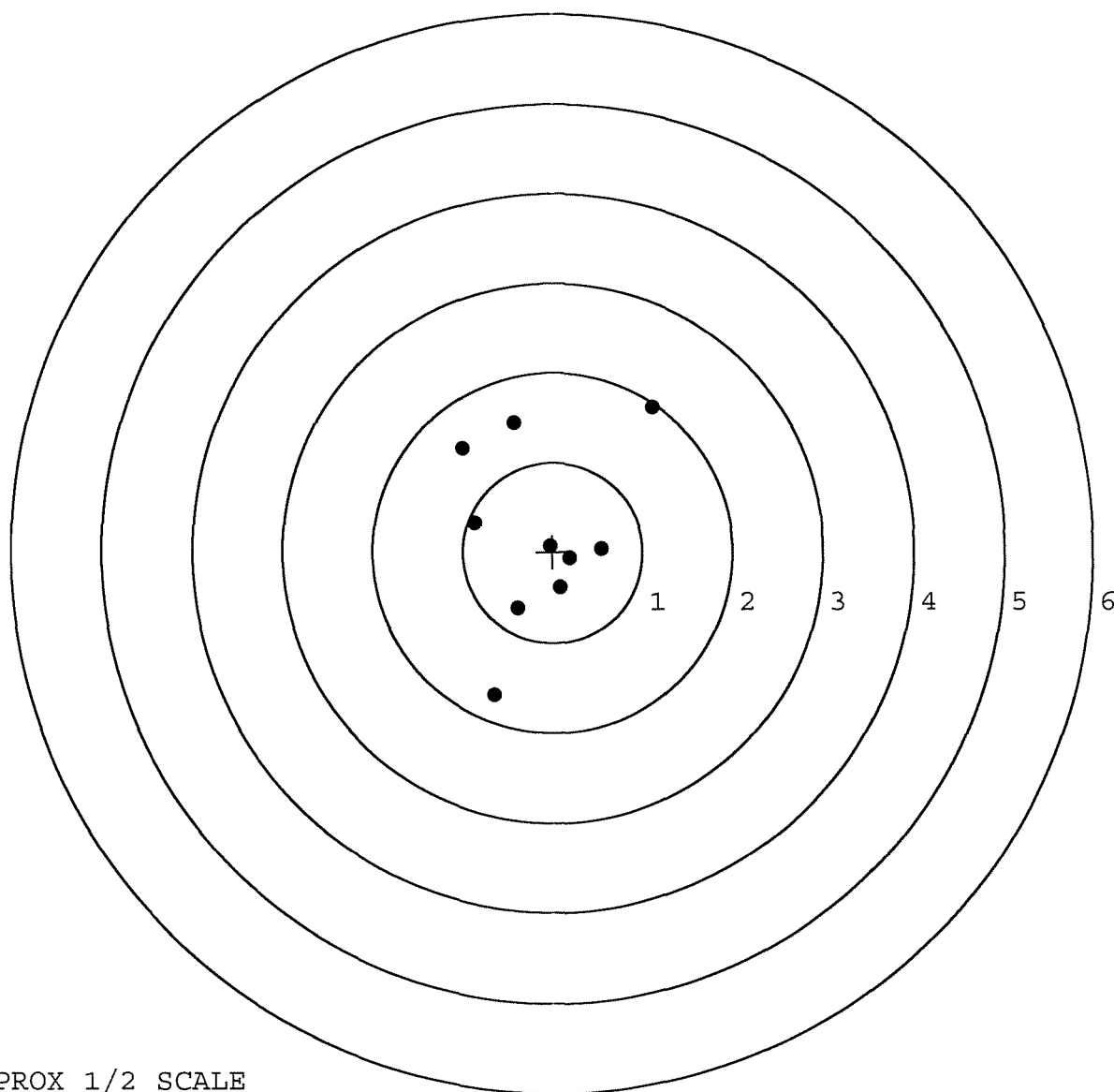


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498803. __0
TARGET NUMBER: 2
FILE DATE: 04/05/2005
FILE TIME: 08:05

X CENTROID: -0.147
Y CENTROID: 0.195
POA TO CENTROID: 0.244
HORZ SPREAD: 2.114
VERT SPREAD: 3.190
GROUP SPREAD: 3.646
MIN RADIUS: 0.178
MAX RADIUS: 1.889
MEAN RADIUS: 0.985
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.657	-1.583
2:	-0.398	-0.624
3:	1.108	1.607
4:	-0.435	1.444
5:	-1.006	1.158
6:	-0.867	0.326
7:	0.084	-0.395
8:	0.544	0.034
9:	-0.029	0.062
10:	0.188	-0.075

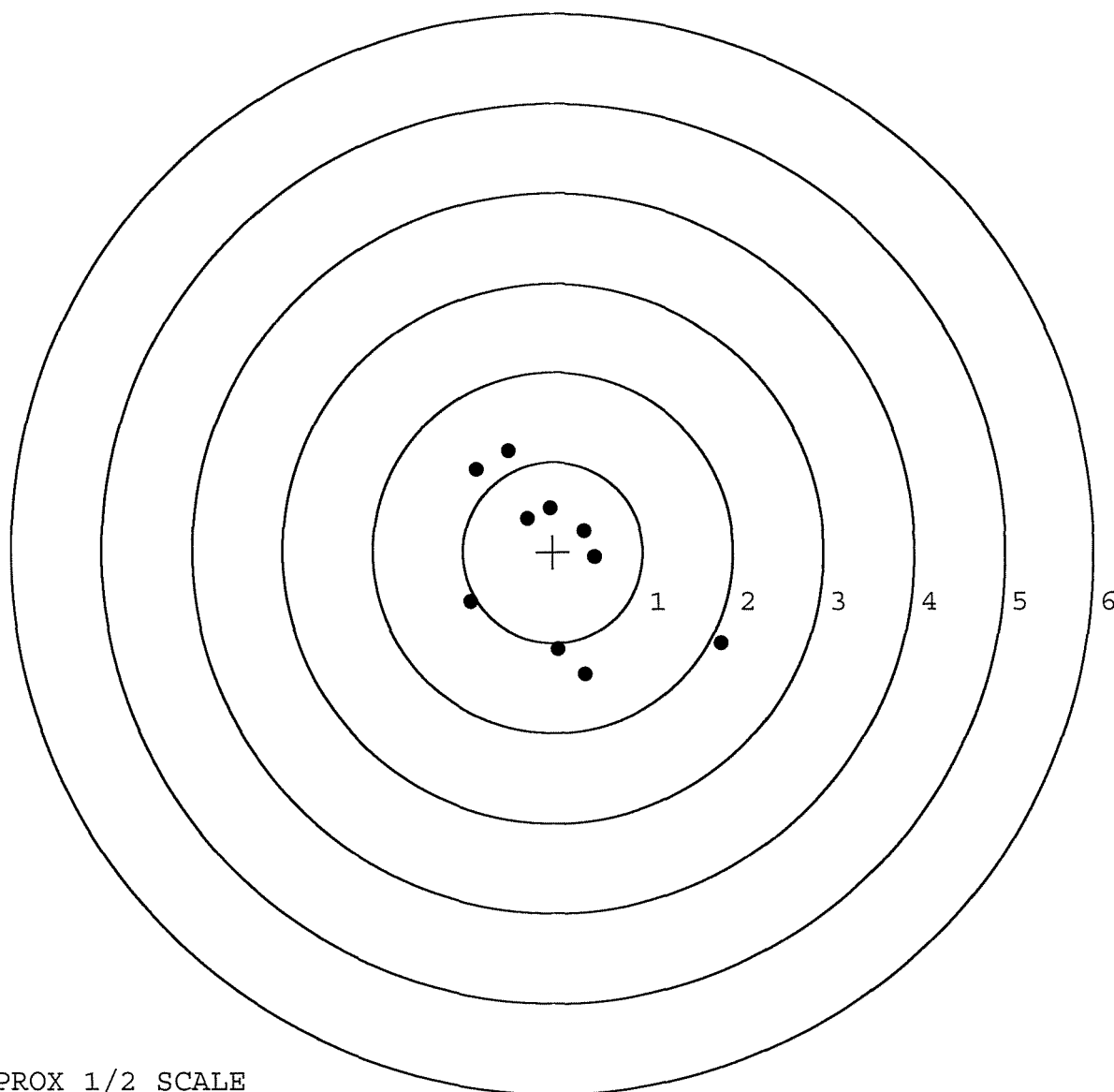


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498803. __0
TARGET NUMBER: 3
FILE DATE: 04/05/2005
FILE TIME: 08:05

X CENTROID: 0.049
Y CENTROID: -0.092
POA TO CENTROID: 0.104
HORZ SPREAD: 2.793
VERT SPREAD: 2.472
GROUP SPREAD: 3.336
MIN RADIUS: 0.413
MAX RADIUS: 2.041
MEAN RADIUS: 1.009
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.873	-1.008
2:	0.354	-1.352
3:	0.054	-1.077
4:	-0.920	-0.549
5:	0.461	-0.058
6:	0.351	0.238
7:	-0.291	0.369
8:	-0.037	0.485
9:	-0.499	1.120
10:	-0.852	0.917

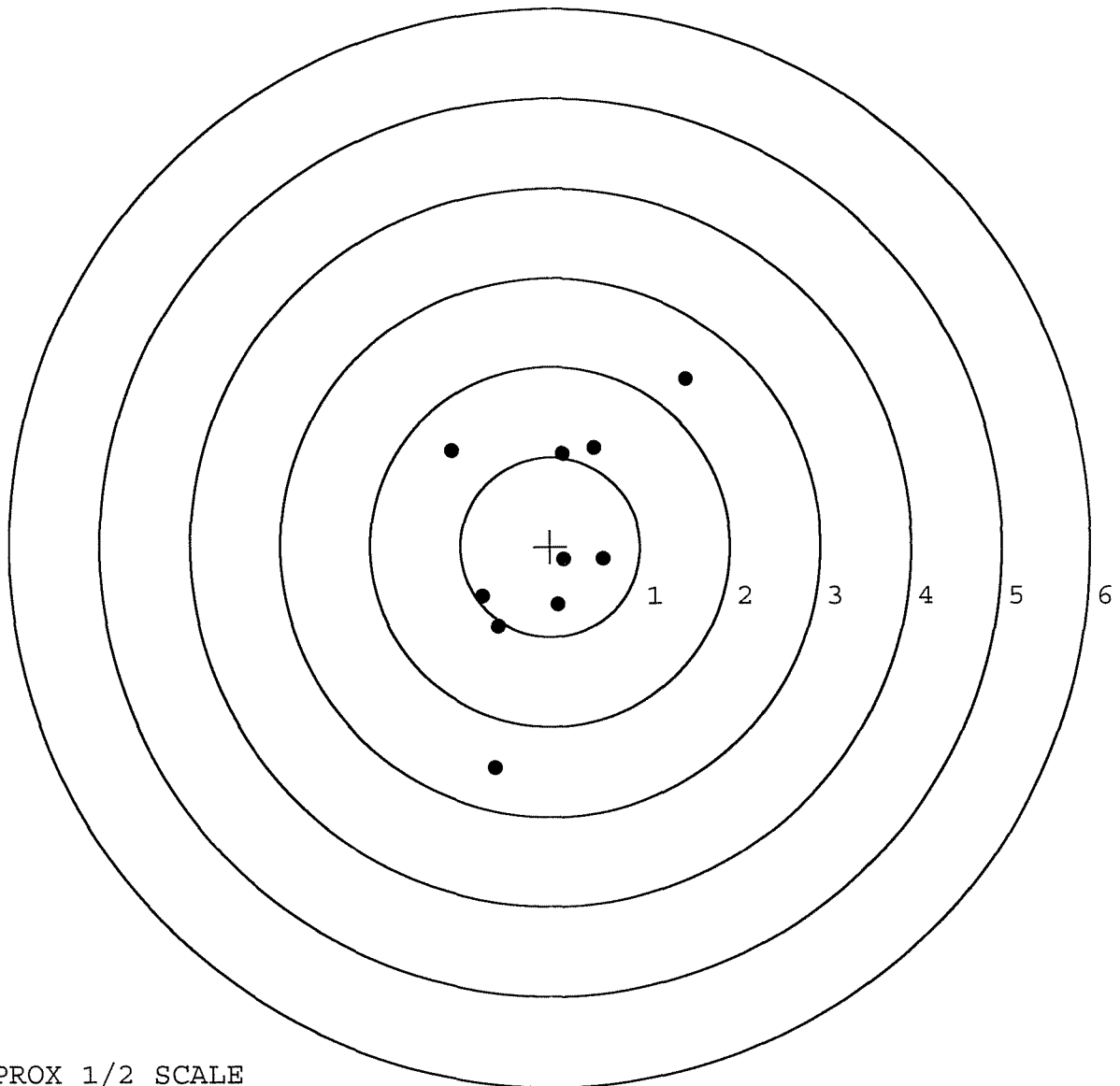


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498803. __0
TARGET NUMBER: 4
FILE DATE: 04/05/2005
FILE TIME: 08:05

X CENTROID: -0.010
Y CENTROID: 0.021
POA TO CENTROID: 0.023
HORZ SPREAD: 2.607
VERT SPREAD: 4.315
GROUP SPREAD: 4.809
MIN RADIUS: 0.230
MAX RADIUS: 2.555
MEAN RADIUS: 1.220
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.616	-2.461
2:	-0.585	-0.893
3:	-0.755	-0.560
4:	0.084	-0.647
5:	0.151	-0.144
6:	0.588	-0.139
7:	0.487	1.103
8:	0.139	1.035
9:	-1.099	1.061
10:	1.508	1.854

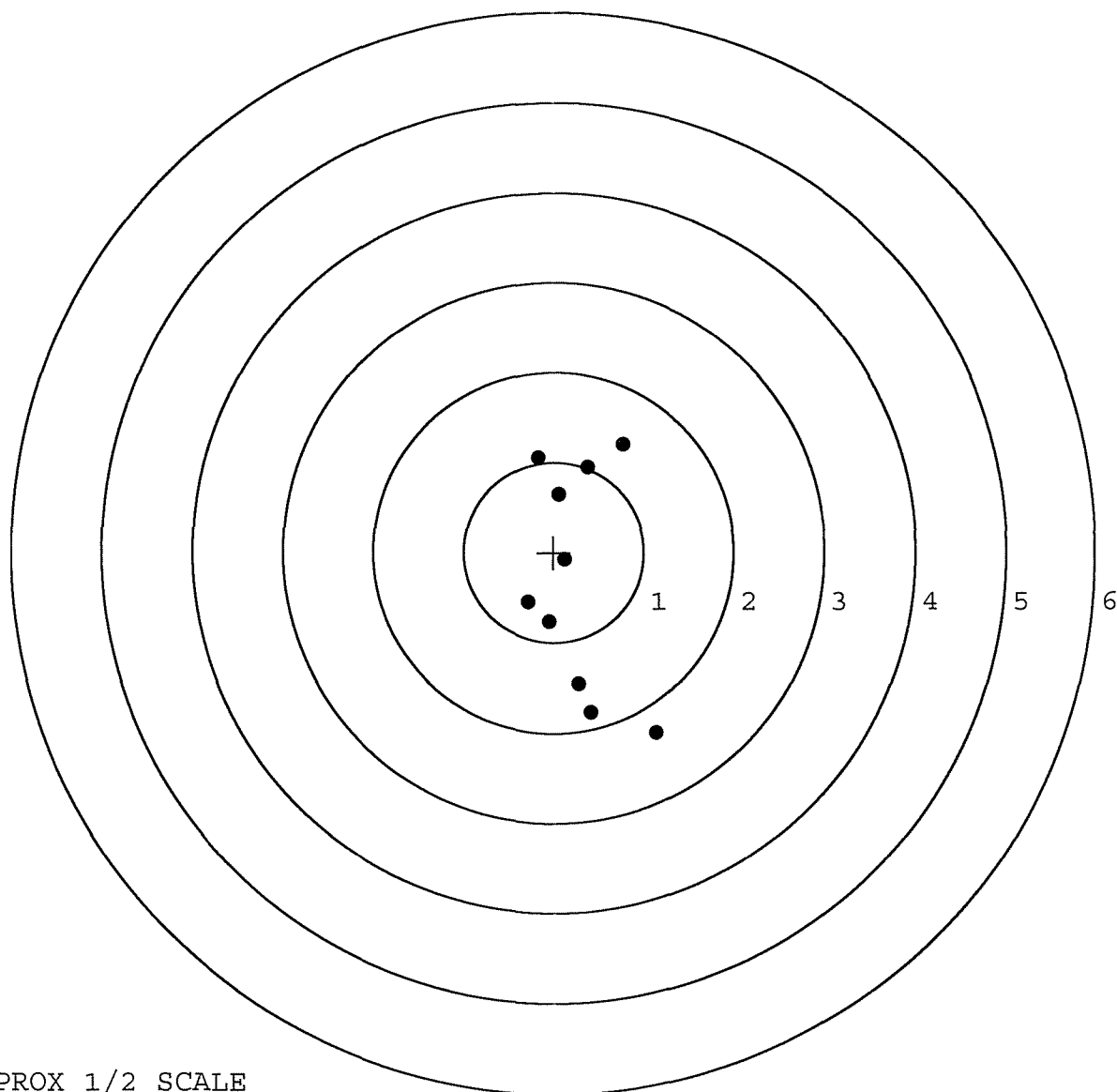


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498803. __0
TARGET NUMBER: 5
FILE DATE: 04/05/2005
FILE TIME: 08:05

X CENTROID: 0.262
Y CENTROID: -0.284
POA TO CENTROID: 0.386
HORZ SPREAD: 1.428
VERT SPREAD: 3.201
GROUP SPREAD: 3.325
MIN RADIUS: 0.244
MAX RADIUS: 1.931
MEAN RADIUS: 1.122
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.135	-2.006
2:	0.413	-1.780
3:	0.276	-1.465
4:	-0.056	-0.776
5:	-0.293	-0.558
6:	0.120	-0.085
7:	0.058	0.643
8:	0.375	0.945
9:	-0.175	1.050
10:	0.771	1.195



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO.

DATE 2-15-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.56	2.25		2.24	
PULL #2	2.63	2.26		2.23	
PULL #3	2.71	2.36		2.13	
PULL #4	2.72	2.31		2.08	
PULL #5	2.71	2.37		2.15	
TOTAL	13.33	11.55		10.83	
AVERAGE	2.66	2.31		2.16	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.15		
PULL #2	3.28	3.13		
PULL #3	3.26	2.92		
PULL #4	3.28	3.14		
PULL #5	3.19	3.06		
TOTAL	16.27	15.40		
AVERAGE	3.25	3.08		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.39	4.22		4.29
PULL #2	4.46	4.17		4.27
PULL #3	4.41	4.20		4.24
PULL #4	4.38	3.98		4.22
PULL #5	4.45	3.96		4.17
TOTAL	22.09	20.53		21.19
AVERAGE	4.41	4.10		4.23

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

R & E NUMBER	92979		
SERIAL NUMBER	C6498803		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-18-05	RTL
560 A	RE-BARREL	2-22-05	RTL
B	DRILL AND TAP	2-28-05	TRLW
575	ASSEMBLE	2-23-05	RTL
600	PROOF	2-24-05	AC
605	CHECK HEADSPACE	2-24-05	AC
610	DIS-ASSEMBLE GUN	2-24-05	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	3-1-05	CW
618	ROTO-BLAST	3-3-05	LB
620	APPLY COATINGS	3/16/05	HP
625 A	FINAL ASSEMBLY	3-30-05	RTL
B	TRIGGER PULL TEST	4-8-05	TRLW
C	SAFETY "ON" FORCE	4-8-05	AC
D	SAFETY "OFF" FORCE	4-8-05	AC
E	FIRING PIN INDENT	4-8-05	AC
640	TARGET	4-5-05	AC
655	FINAL INSPECT	4-8-05	TRLW
660	PACK	4-25-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®



VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

SERIAL NO.

C6498803

ORDER NO.

5716

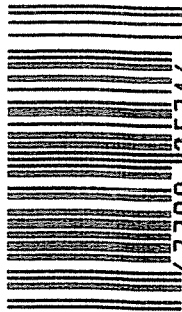
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6498803

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498803

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 9	90	RW
600	Proof	5 9	90	RW
607	Check Headspace	5 9	90	RW
610	Dis-assemble Gun	5 9	90	RW
612	Magnaflux Barrel Action	5-15-90		KER
	Magnaflux Bolt	5-15-90		KER
615	Rollmark Caliber	5-15-90		GS
617	Drill and Tap Sight Holes		5/17/90	FB
618	Polish Barrel RB		5/17/90	WB
620	Apply Coatings (Barrel Action)		5-25-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/25/90	RW
	C) Inspect Ejector Hole for Chamfer		5/25/90	RW
	D) Oil Firing Pin Ass'y		5/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-1-90	JL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 ³ / ₄	3 ³ / ₄	3 ³ / ₄			6/4/90	WB
	G) Safety Off Force	2 ¹ / ₄	2 ¹ / ₄	2 ¹ / ₄			6/4/90	WB
	H) Trigger Pull Test & Retainability						6-1-90	JH
	I) Firing Pin Indent	.0235	.024	.024			6/4/90	WB
	J) Assemble Stock						6/7/90	RW
	K) Assemble Swivel Studs						6-8-90	JH
	L) Attach Front and Rear Sight Assemblies						6/7/90	RW
	M) Iron Sight Alignment						6/7/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/7/90	RW
	O) Attach Scope to Rifle						6/7/90	WB
	P) Detach & Attach Scope 20 Times						6/7/90	WB
640	Gallery Target & Test						6-7-90	AC
	A) Time						6-7-90	AC
	B) Malfunctions						6-7-90	AC
	C) Pierced Primers						6-7-90	AC
	D) Optical Clarity of Scope						6-7-90	AC
645	Inspect for Live Ammo						6-7-90	AC
655	Final Inspection							
	A) Headspace						6-8-90	JH
	B) Trigger Pull	246	247	244	243	251	6-8-90	JH
	C) Function						6-8-90	JH
660	Pack						6-9-90	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50#+.50#

3.00#+.75#

4.00#+1.00#

SERIAL NO. 06498803DATE 6-1-90TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.14	2.19	2.20	246	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.38	2.30	247	
PULL #3	2.27	2.32	2.34	244	
PULL #4	2.22	2.33	2.31	243	
PULL #5	2.28	2.28	2.42	251	
TOTAL	11.17	11.50	11.57		
AVG.	2.234	2.3	2.314		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.32		
PULL #2	3.18	3.20		
PULL #3	3.40	3.12		
PULL #4	3.31	3.24		
PULL #5	3.38	3.24		
TOTAL	16.56	16.12		
AVG.	3.312	3.224		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.43		4.49
PULL #2	4.45	4.44		4.44
PULL #3	4.43	4.39		4.48
PULL #4	4.48	4.33		4.50
PULL #5	4.35	4.40		4.46
TOTAL	22.14	21.99		22.39
AVG.	4.428	4.398		4.478

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498803
7 Jun 1990

CENTROIDAL DISTANCES

0	TO	1	.346433
1	TO	2	.434839
1	TO	3	.335292
1	TO	4	.137277
1	TO	5	.523955

$\bar{x}_5$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1892
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0212
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .196384
THE AMR FOR THIS RIFLE IS: .85

7 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C64388B3

CENTERFIRE PATTERNS

1

FOR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS = 2.036

VS = 2.398

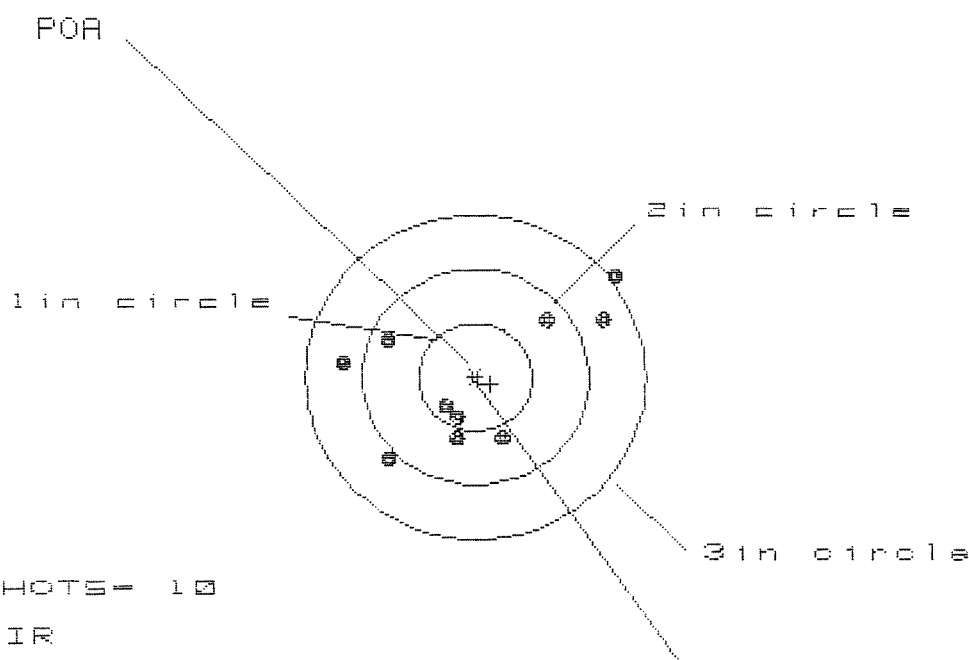
GS = 2.457

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.863	.835	.685
MINIMUM X	-1.173	-1.201	-.717
MAXIMUM Y	1.403	.911	.950
MINIMUM Y	-.996	-.840	-.801
CENTROID X	.280	.308	.458
CENTROID Y	.204	.049	.010
FOR TO CENTROID in.	.347	.312	.458
MIN RADIUS	.241	.152	.149
MEAN RADIUS	.778	.680	.606
MAX RADIUS	1.424	1.240	.953
HORIZONTAL SPREAD	2.036	2.036	1.402
VERTICAL SPREAD	2.398	1.751	1.751
EXTREME SPREAD	2.457	2.145	1.761
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

7 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6496883

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.308

VS= 1.897

GS= 2.568

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.189	1.218	.949
MINIMUM X	:	-1.120	-.988	-.835
MAXIMUM Y	:	.938	.666	.748
MINIMUM Y	:	-.759	-.655	-.573
CENTROID X	:	-.131	-.263	-.415
CENTROID Y	:	.062	-.042	-.124
POA TO CENTROID in.	:	.145	.267	.434
MIN RADIUS	:	.324	.159	.074
MEAN RADIUS	:	.863	.739	.616
MAX RADIUS	:	1.514	1.384	1.208
HORIZONTAL SPREAD	:	2.309	2.206	1.784
VERTICAL SPREAD	:	1.697	1.321	1.321
EXTREME SPREAD	:	2.568	2.248	1.919
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

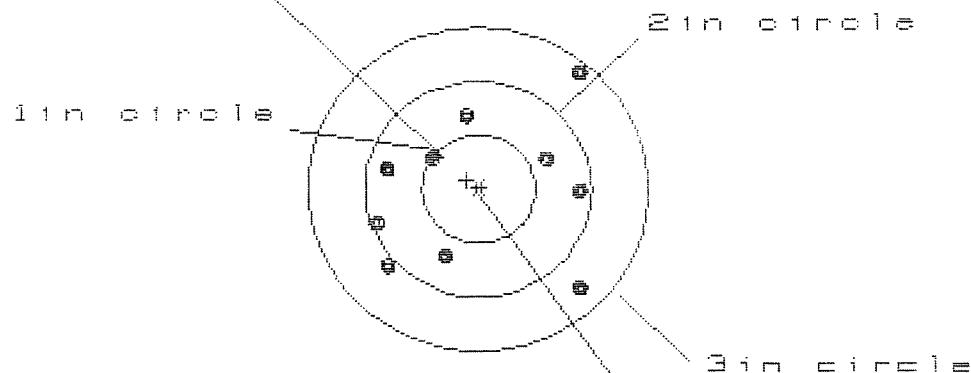
7 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B883

CENTERFIRE PATTERNS

3

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 7

3in = 10

HS= 1.853

VS= 2.045

GS= 2.530

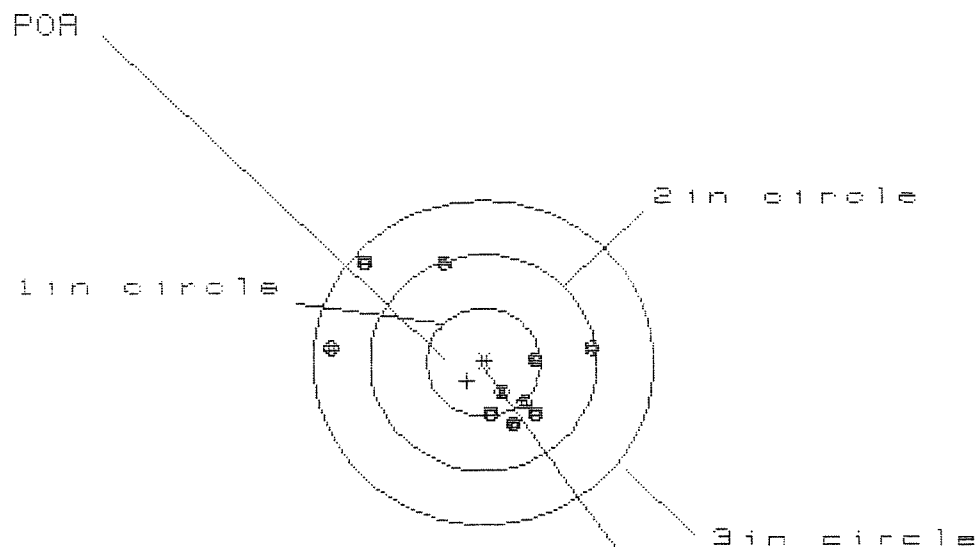
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.938	1.040	1.169
MINIMUM X	:	-.915	-.813	-.684
MAXIMUM Y	:	1.112	.812	.711
MINIMUM Y	:	-.933	-.810	-.677
CENTROID X	:	.105	.003	-.126
CENTROID Y	:	-.082	-.205	-.104
POA TO CENTROID in.	:	.133	.205	.163
MIN RADIUS	:	.506	.519	.362
MEAN RADIUS	:	.909	.836	.743
MAX RADIUS	:	1.439	1.314	1.169
HORIZONTAL SPREAD	:	1.853	1.853	1.853
VERTICAL SPREAD	:	2.045	1.622	1.388
EXTREME SPREAD	:	2.530	2.018	1.927
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6438883

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.313

VS= 1.559

GS= 2.313

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.996	.883	.784
MINIMUM X	:	-1.317	-1.430	-.658
MAXIMUM Y	:	.950	1.051	1.082
MINIMUM Y	:	-.609	-.508	-.477
CENTROID X	:	.147	.260	.439
CENTROID Y	:	.170	.069	.038
POA TO CENTROID in.	:	.224	.269	.440
MIN RADIUS	:	.353	.217	.219
MEAN RADIUS	:	.784	.656	.505
MAX RADIUS	:	1.368	1.451	1.266
HORIZONTAL SPREAD	:	2.313	2.313	1.362
VERTICAL SPREAD	:	1.559	1.559	1.559
EXTREME SPREAD	:	2.313	2.313	1.669
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/0649B003

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.246

VS= 2.095

GS= 2.285

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.344	.940	.860
MINIMUM X	:	-.902	-.752	-.832
MAXIMUM Y	:	1.136	1.152	1.276
MINIMUM Y	:	-.959	-.943	-.819
CENTROID X	:	.545	.395	.475
CENTROID Y	:	-.248	-.264	-.388
POA TO CENTROID in.	:	.598	.475	.613
MIN RADIUS	:	.157	.232	.306
MEAN RADIUS	:	.916	.857	.813
MAX RADIUS	:	1.353	1.178	1.282
HORIZONTAL SPREAD	:	2.246	1.692	1.692
VERTICAL SPREAD	:	2.095	2.095	2.095
EXTREME SPREAD	:	2.285	2.207	2.133
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	