

G673 8633
Replaces

G641 4350

G644350
Rephad
C.6349152

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: **RE00164612** Serial: G6414350 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 3/16/2009 10:19:11 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **ITT SYSTEMS SECURED WAREHOUSE** **ITT SYSTEMS SECURED WAREHOUSE**

Address 1: **UPTON AVENUE** **UPTON AVENUE**

Address 2: **BUILDING 490** PO Box: **BUILDING 490** PO Box:

City: **FORT BENNING** **FORT BENNING**

State: **GA** Zip Code: **31906** Country: **US** State: **GA** Zip Code: **31906** 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 <table border="1"><thead><tr><th>Code</th><th>Desc</th><th>Qty</th></tr></thead><tbody><tr><td>A007</td><td>With Stud</td><td>2</td></tr><tr><td>A010</td><td>Hard Case</td><td>1</td></tr><tr><td>A017</td><td>Scope Base</td><td>1</td></tr><tr><td>A026</td><td>Scope</td><td>1</td></tr><tr><td>A057</td><td>Fit and Rear Sgt Base</td><td>1</td></tr></tbody></table>	Code	Desc	Qty	A007	With Stud	2	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	A057	Fit and Rear Sgt Base	1	
Code	Desc	Qty																				
A007	With Stud	2																				
A010	Hard Case	1																				
A017	Scope Base	1																				
A026	Scope	1																				
A057	Fit and Rear Sgt Base	1																				

Repair Search Refresh Close

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G673 8633

~~G6414350~~

Model: M24 SWS

RE00164612

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

1164612

SERIAL NUMBER

G6738633

LOG-IN DATE

37609

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-18-09	RTZ
505	RE-BARREL	3-18-09	RTZ
420	ASSEMBLE	3-18-09	RTZ
440	PROOF	3-18-09	TE
460	CHECK HEADSPACE	3-19-09	TE
470	DIS-ASSEMBLE GUN	3-19-09	RTZ
480	MAGNAFLUX	3-19-09	(D)
510	DRILL AND TAP	3-19-09	SP
500	ROLLMARK CALIBER	3-24-09	RT
520	GOFF BLAST BBL / REC	3-24	BT
530 & 540	APPLY COATINGS	3-31	
560	FINAL ASSEMBLY	4-6-09	RTZ
640	FUNCTION TEST AND	4-6-09	RTZ
650	TARGET	4-6-09	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	4-8-09	RTZ
	A) HEADSPACE	4-8-09	RTZ
	B) TRIGGER PULL	246 234 246 250 252 4-8-09	RTZ
680	F) SAFETY ON FORCE	40 40 40 4-8-09	RTZ
	G) SAFETY OFF FORCE	60 60 60 4-8-09	RTZ
	I) FIRING PIN INDENT	.020 .020 .020 4-8-09	RTZ
690	PACK	4-9-09	FM

F006 REV 1/2009

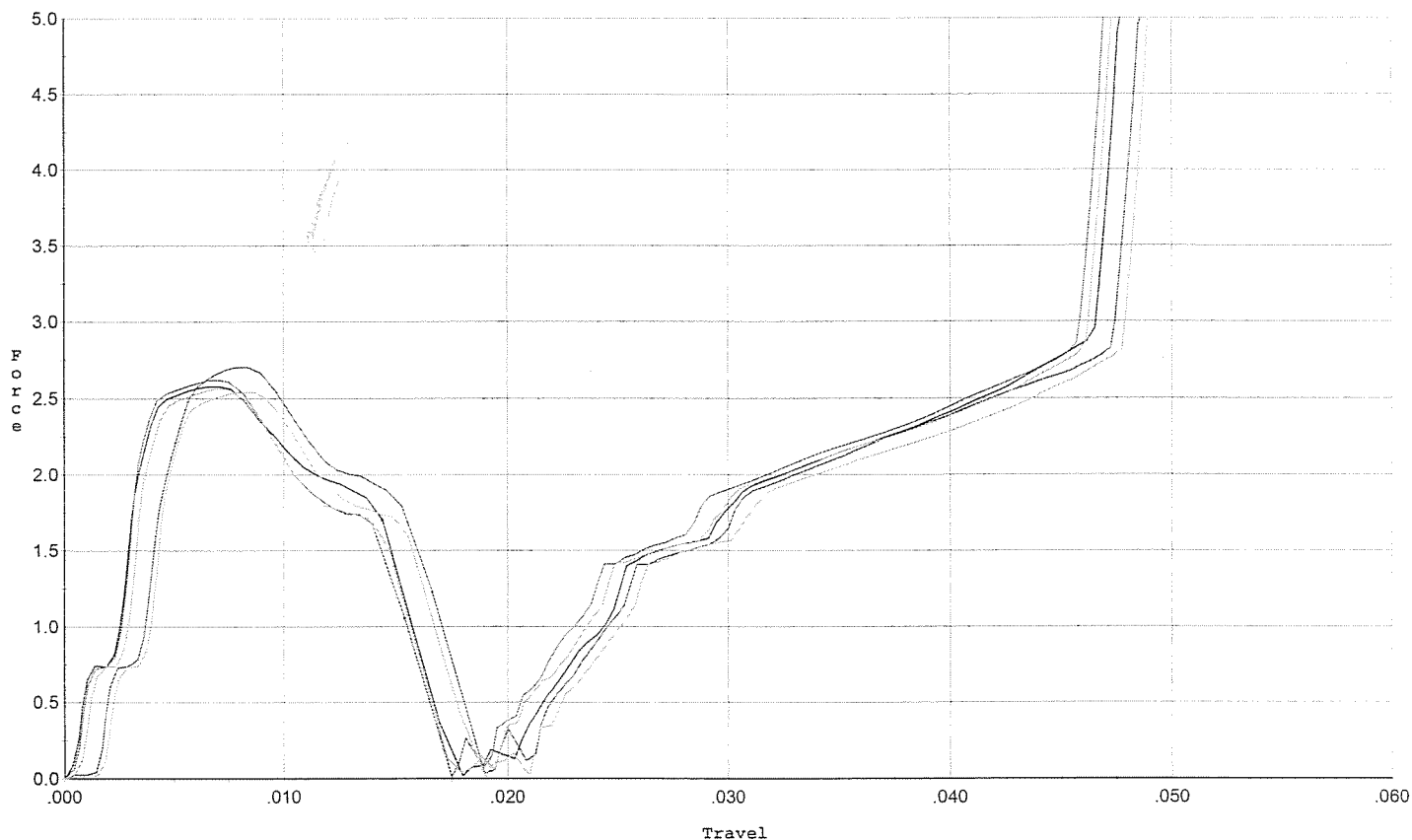
1		1		WON 2L58LA900096 902906							
CUSTOMER DATA				MAINTENANCE ACTIVITY DATA							
UIC CUST W2L58L		CUSTOMER UNIT NAME HHC 2/29 INF. REGT.		EVAC WON 902906		SHOP I					
PHONE NO (706) 544-1476		SAMS-2 UIC W2L5AA		UTIL CD K		PHONE NO 4-2823					
				UIC SUPPORT W6CR07		SUPPORT UNIT NAME ITT					
EQUIPMENT DATA											
MNT CD 1		ID A		NSN 012402136		MCSR S					
MODEL M24RIFLE		NOUN RIFLE 7.62MM SNIP		ORG WON 2L58LA900096		SER NO G6414350					
				QTY 1		PD 03					
				FDD D		USAGECDE 0					
				PROJ CD 0524		APC H9MF					
				LEVEL WORK DF		ADMIN NO M24-23					
				PD AUTHENTICATING SIGNATURE: 							
MALFUNCTION DESCRIPTION/REMARKS: SHOT OUT											
TECHNICAL REFERENCES POC SGT Palkki # 544-6006											
TASK / PART REQUIREMENTS											
ACT CDE	TASK NO	ACT RQD	TASK DESCRIPTION			QTY RPR	WRK CTR	FAIL CODE	MH PROJ	MH EX	
ACT CDE	TASK NO	ID	REQUIRED NSN / PART NUMBER	SFX CDE	QTY RQD	QTY ISSUE	NM CS	FAIL CODE	STORAGE LOC	INIT	\$COST
TOTAL MANHOURS			TOTAL MANHOURS COST\$				TOTAL PARTS COST\$				
QTY RPR		QTY CONDEMN		QTY NRTS		EVAC WON			EVAC UNIT NAME		
SUBMITTED BY Anthony Palkki		ACCEPTED BY J. San Hago		WORK STARTED BY			INSPECTED BY			PICKED UP BY	
DATE 09070		STA A	ORD DATE 0607	MIL TIME 1000	STA	ORD DATE	MIL TIME	STA	ORD DATE	MIL TIME	STA

DA FORM 2407-E

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C C Schults 3/17/2009

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



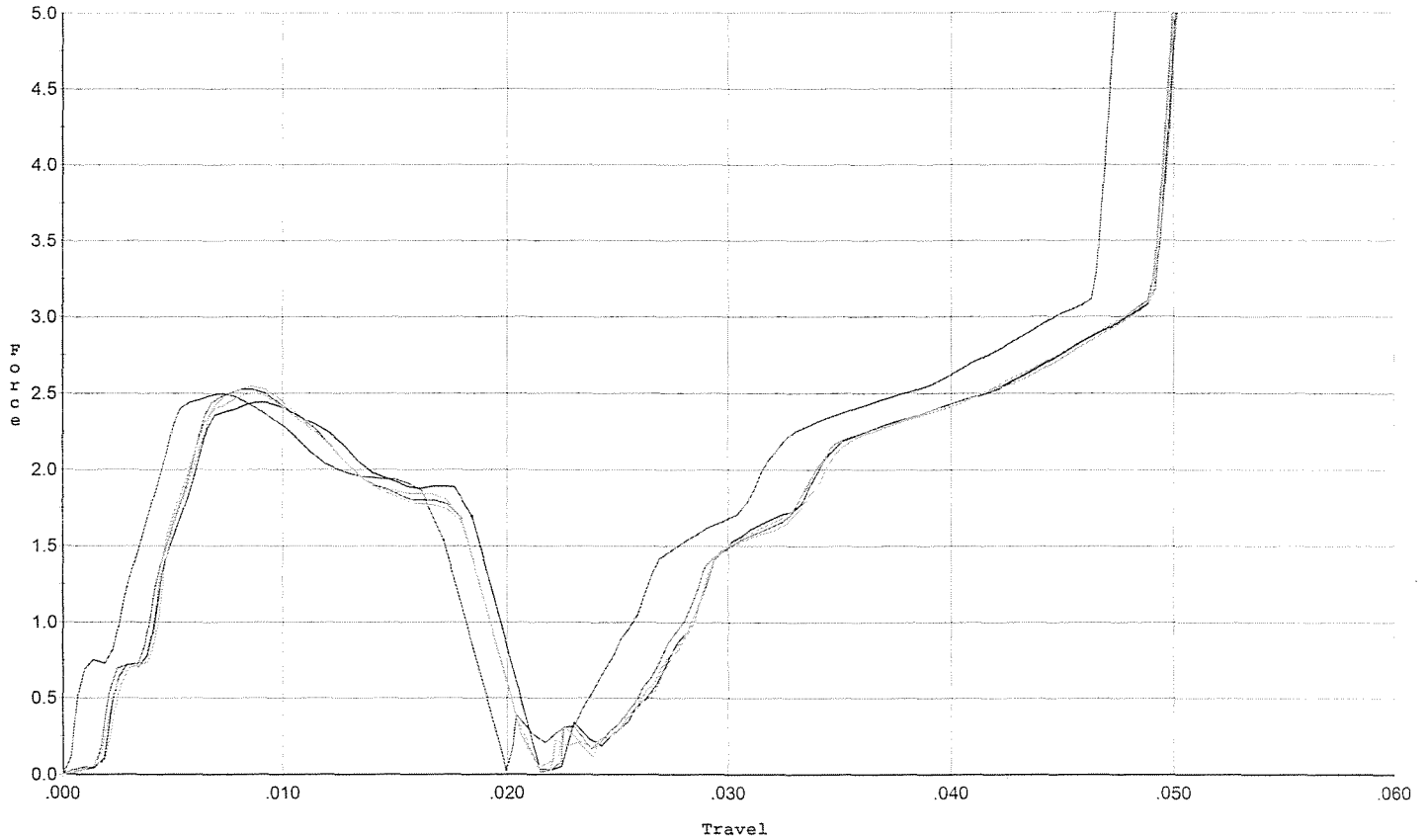
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.704	0.017	0.00	0.037	0.028		Set Trigger
2	2.580	0.014	0.00	0.037	0.026		Set Trigger
3	2.622	0.015	0.00	0.036	0.027		Set Trigger
4	2.541	0.016	0.00	0.037	0.025		Set Trigger
5	2.565	0.015	0.00	0.037	0.025		Set Trigger

A-2-60

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C C Schults 3/17/2009

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs after 20 cycles+/- .50 lb



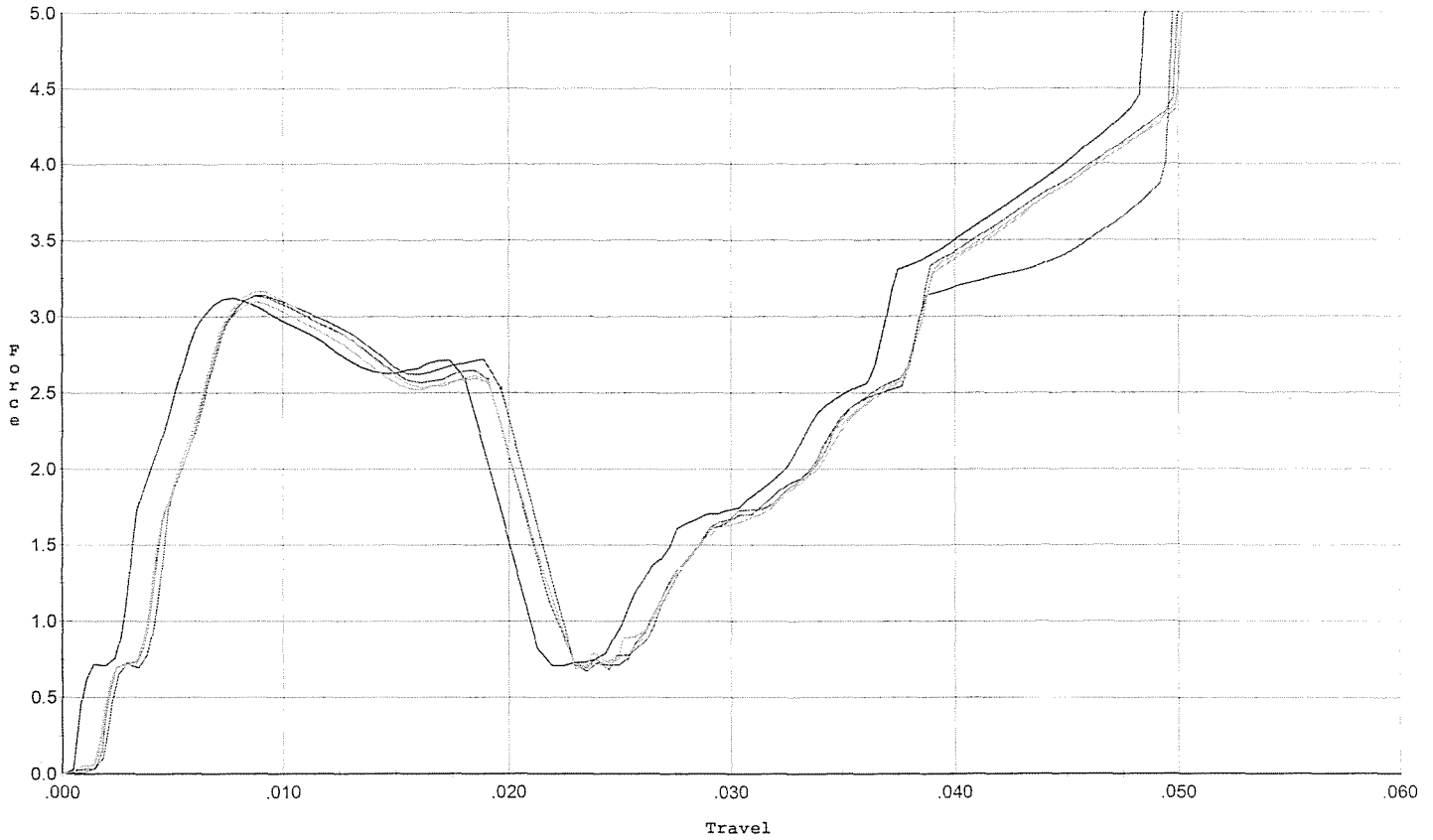
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.499	0.017	0.00	0.034	0.030		Set Trigger
2	2.443	0.018	0.00	0.036	0.030		Set Trigger
3	2.528	0.018	0.00	0.036	0.029		Set Trigger
4	2.547	0.018	0.00	0.036	0.028		Set Trigger
5	2.504	0.018	0.00	0.036	0.029		Set Trigger

A-2-50

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C C Schults 3/17/2009

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



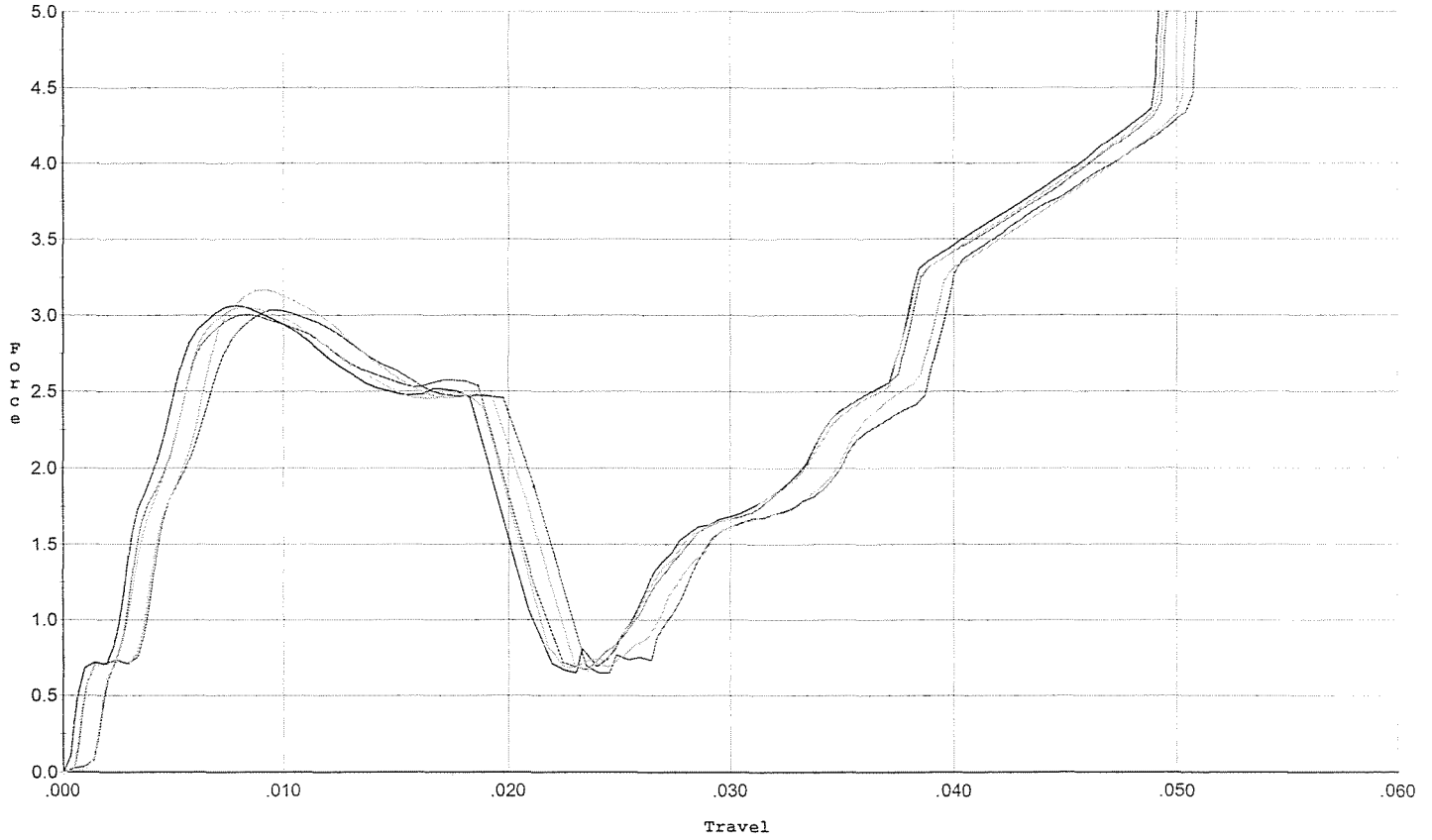
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.139	0.020	0.00	0.033	0.041		Set Trigger
2	3.123	0.018	0.00	0.033	0.040		Set Trigger
3	3.136	0.019	0.00	0.034	0.039		Set Trigger
4	3.163	0.019	0.00	0.034	0.040		Set Trigger
5	3.098	0.019	0.00	0.034	0.039		Set Trigger

A-3-13

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C C Schults 3/17/2009

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



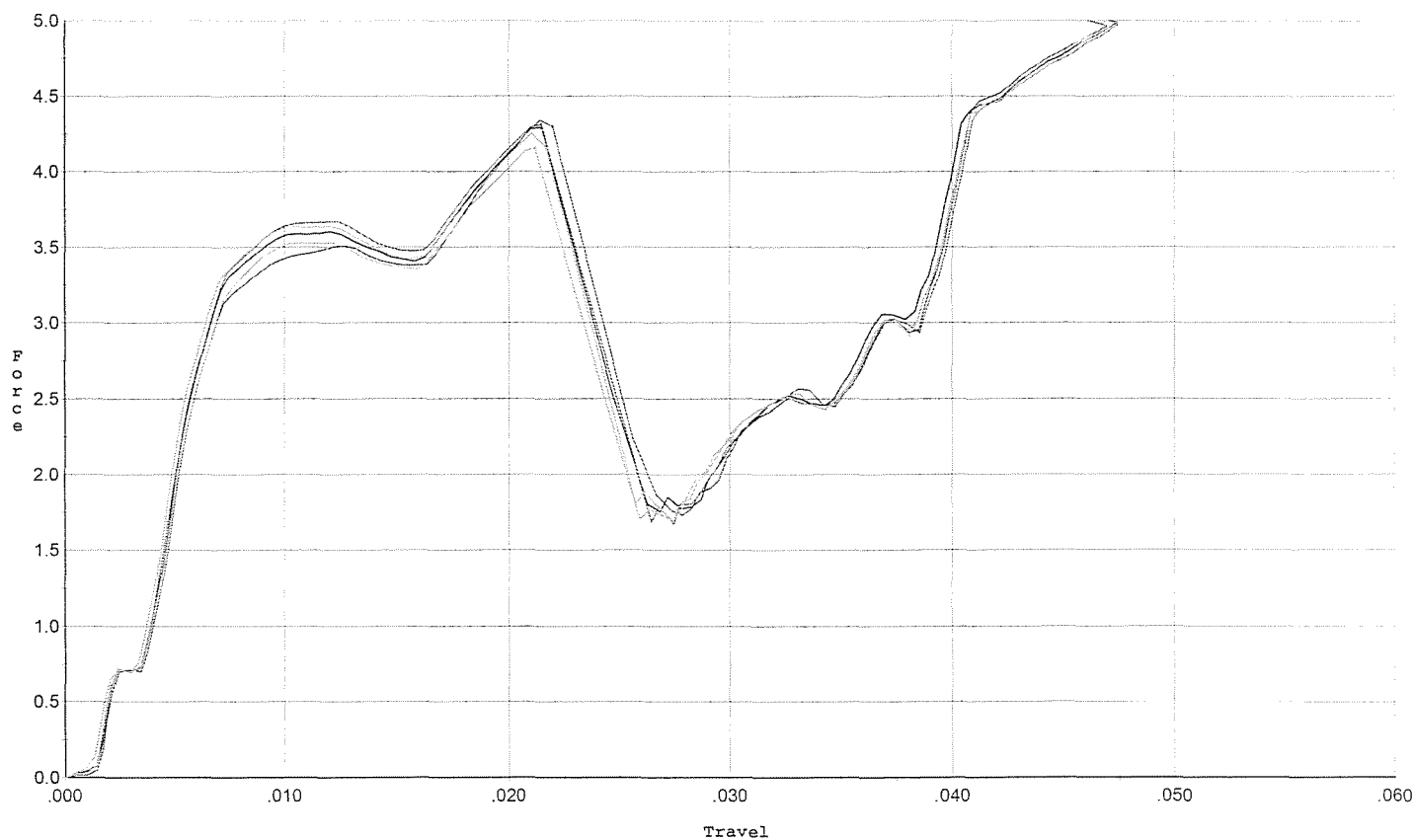
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.034	0.021	0.00	0.034	0.043		Set Trigger
2	3.065	0.018	0.00	0.034	0.039		Set Trigger
3	3.007	0.019	0.00	0.034	0.040		Set Trigger
4	3.055	0.019	0.00	0.033	0.040		Set Trigger
5	3.169	0.021	0.00	0.034	0.043		Set Trigger

A-3.06

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C C Schults 3/17/2009

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



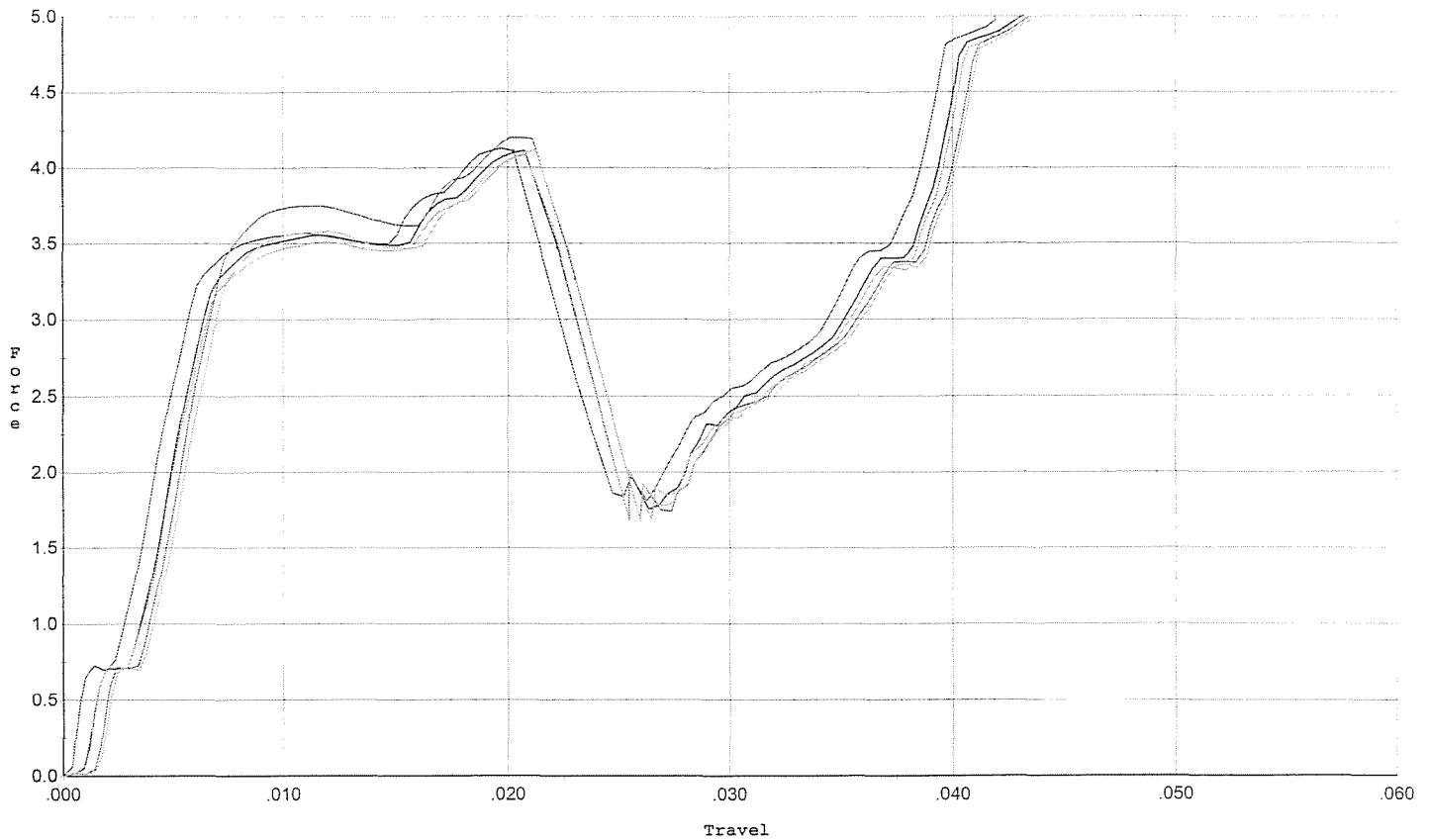
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.342	0.022	0.00	0.029	0.059		Set Trigger
2	4.289	0.021	0.00	0.029	0.059		Set Trigger
3	4.315	0.021	0.00	0.029	0.059		Set Trigger
4	4.257	0.022	0.00	0.029	0.060		Set Trigger
5	4.157	0.021	0.00	0.030	0.056		Set Trigger

A. 4.27

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: C C Schults 3/17/2009

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



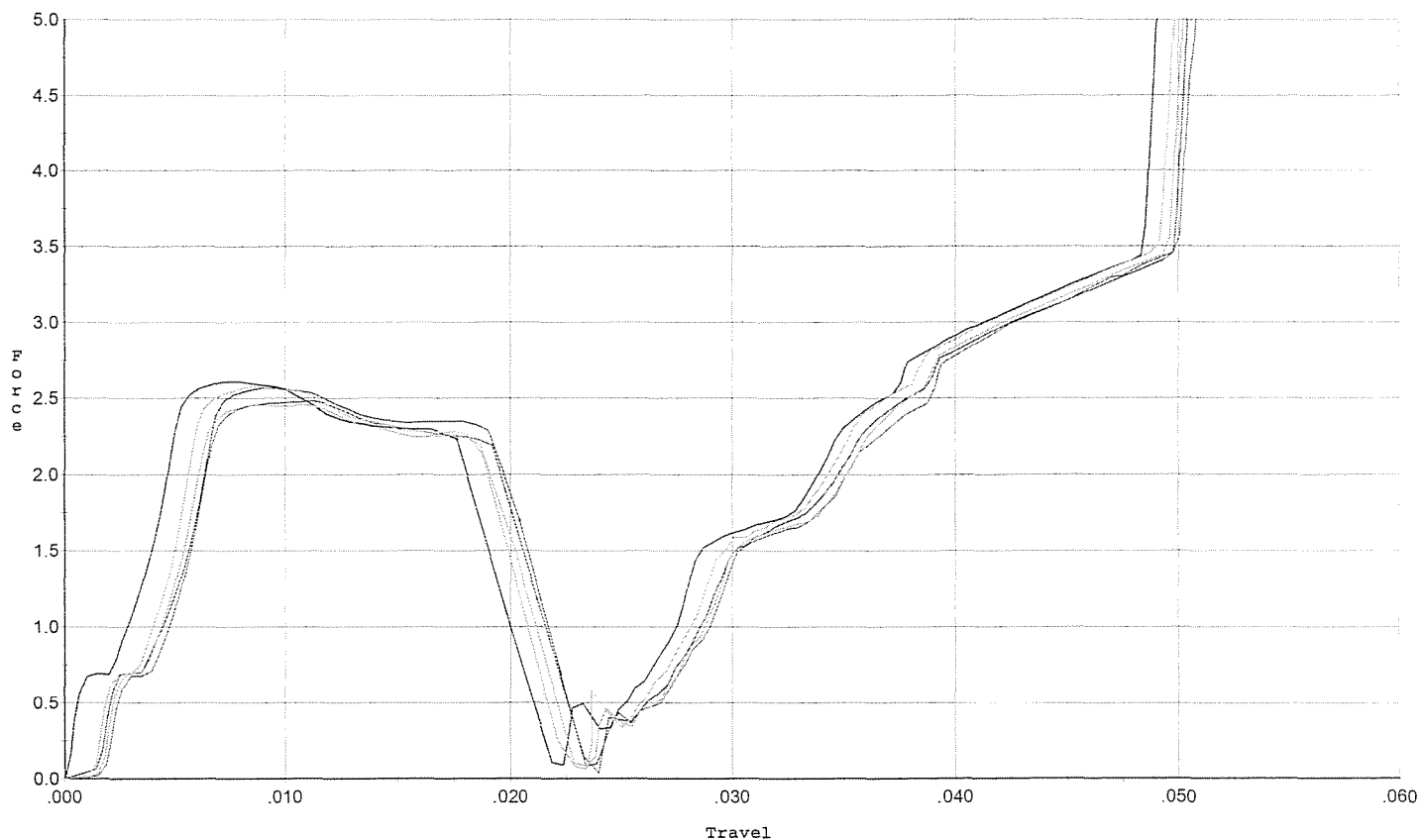
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.128	0.020	0.00	0.028	0.057		Set Trigger
2	4.112	0.022	0.003	0.029	0.061		Set Trigger
3	4.202	0.023	0.00	0.029	0.064		Set Trigger
4	4.120	0.023	0.00	0.029	0.061		Set Trigger
5	4.084	0.022	0.00	0.029	0.059		Set Trigger

A. 4/12

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: C C Schults 3/17/2009

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



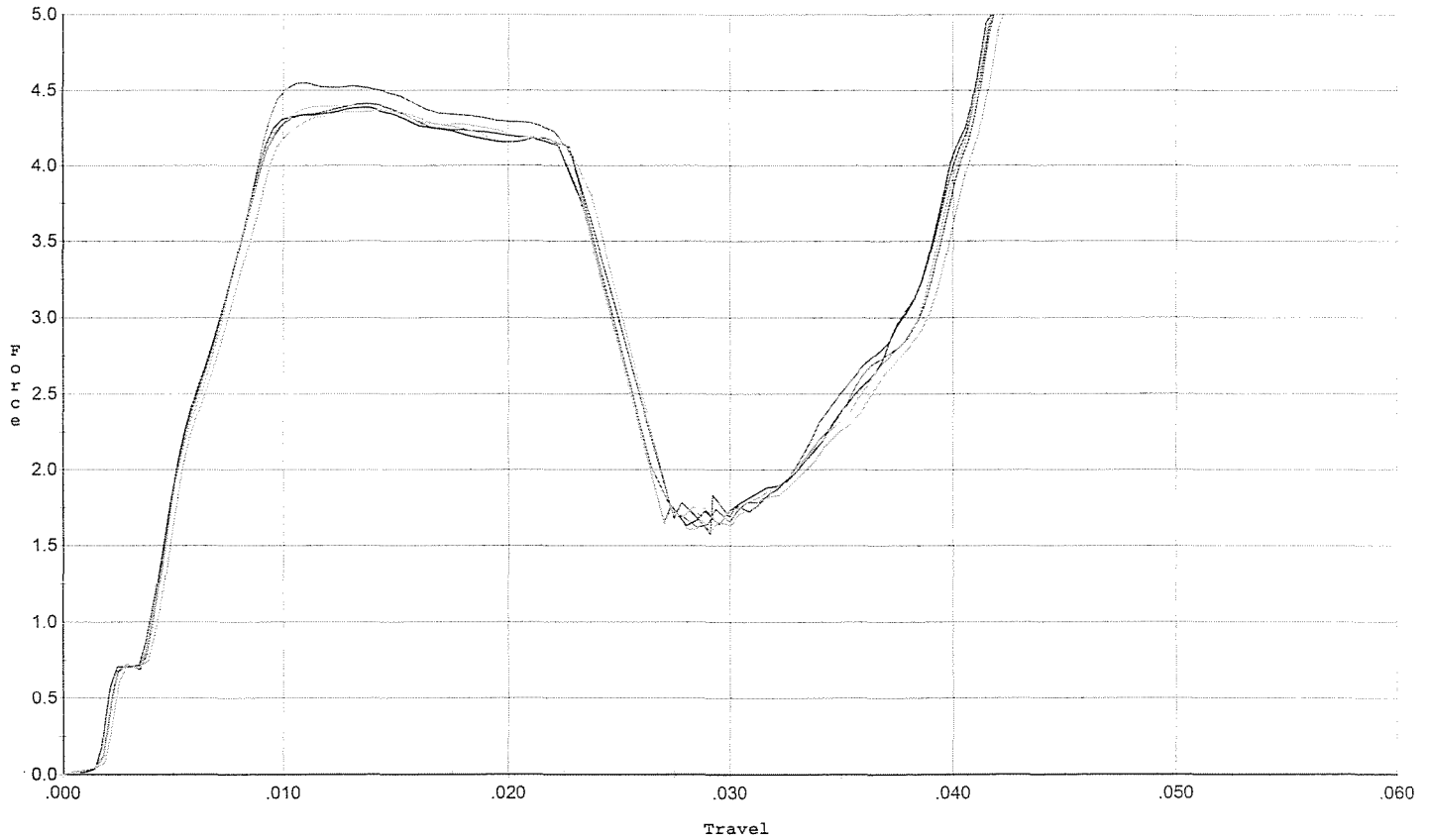
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.569	0.020	0.00	0.034	0.036		Set Trigger
2	2.609	0.018	0.00	0.035	0.034		Set Trigger
3	2.484	0.021	0.00	0.035	0.036		Set Trigger
4	2.577	0.019	0.00	0.034	0.034		Set Trigger
5	2.457	0.020	0.00	0.035	0.035		Set Trigger

A-253

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C C Schults 3/17/2009

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



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.413	0.025	0.00	0.029	0.075		Set Trigger
2	4.387	0.023	0.00	0.019	0.070		Set Trigger
3	4.548	0.023	0.00	0.019	0.070		Set Trigger
4	4.400	0.023	0.00	0.019	0.070		Set Trigger
5	4.375	0.024	0.00	0.020	0.071		Set Trigger

A-4.42

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6738633.___0

FILE DATE AND TIME: 04/08/2009 08:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.001
The Average Y Centroid of the Five Target Set:	-0.070
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.707
The Distance from POA to Centroid Target #1:	0.116
The Distance from Centroid Target #2 to Centroid Target #1:	0.321
The Distance from Centroid Target #3 to Centroid Target #1:	0.149
The Distance from Centroid Target #4 to Centroid Target #1:	0.058
The Distance from Centroid Target #5 to Centroid Target #1:	0.348

SERIAL NUMBER: G6738633. __0

TARGET NUMBER: 1

FILE DATE: 04/08/2009

FILE TIME: 08:35

X CENTROID: 0.079

Y CENTROID: 0.085

POA TO CENTROID: 0.116

HORZ SPREAD: 1.115

VERT SPREAD: 1.007

GROUP SPREAD: 1.260

MIN RADIUS: 0.125

MAX RADIUS: 0.663

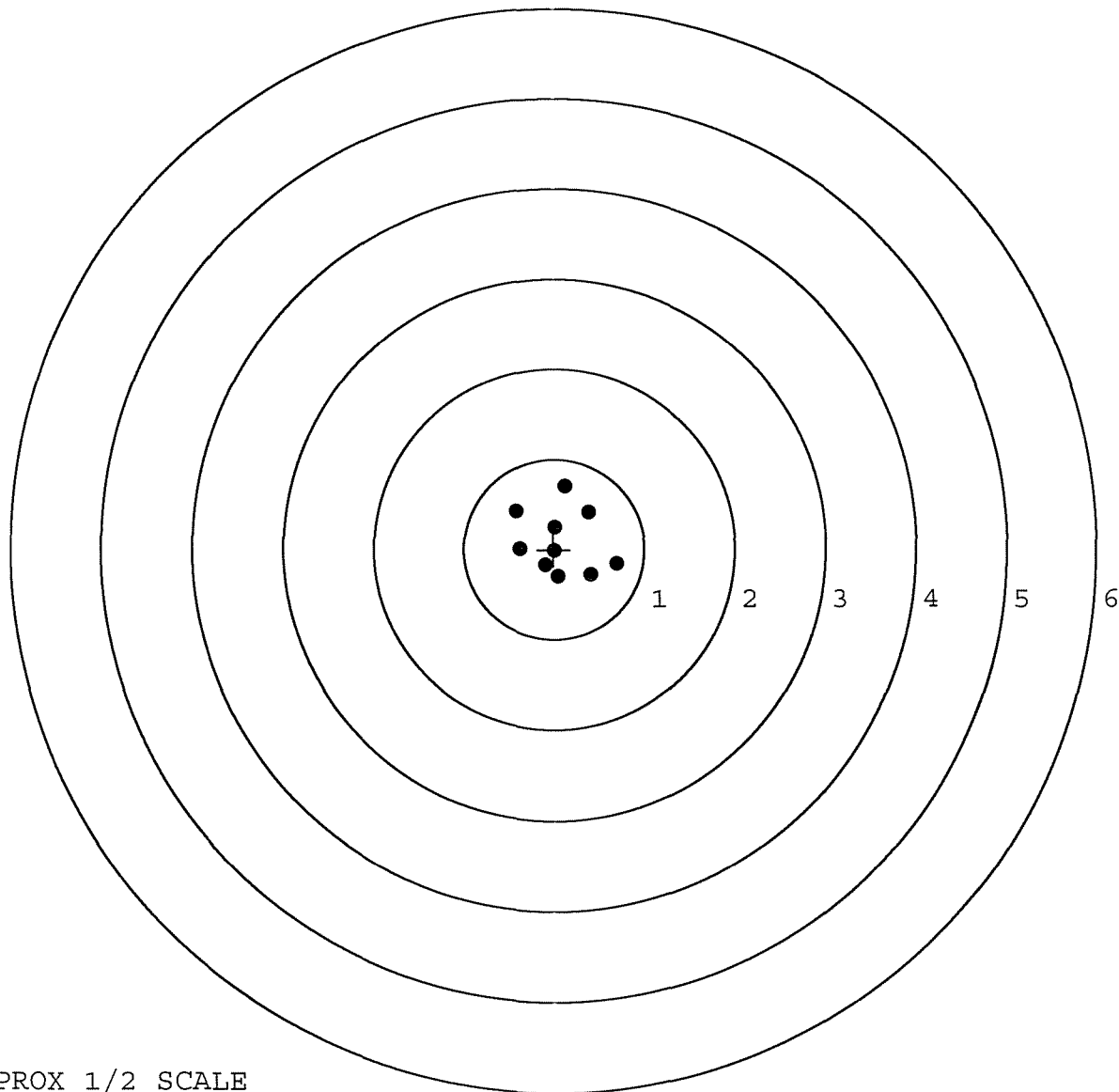
MEAN RADIUS: 0.430

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.122	0.704
2:	0.384	0.414
3:	-0.421	0.423
4:	0.694	-0.163
5:	0.410	-0.283
6:	0.048	-0.303
7:	-0.098	-0.177
8:	-0.378	0.008
9:	0.018	0.247
10:	0.008	-0.018



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738633. __0

TARGET NUMBER: 2

FILE DATE: 04/08/2009

FILE TIME: 08:35

X CENTROID: -0.024

Y CENTROID: -0.218

POA TO CENTROID: 0.220

HORZ SPREAD: 1.308

VERT SPREAD: 1.728

GROUP SPREAD: 2.140

MIN RADIUS: 0.140

MAX RADIUS: 1.125

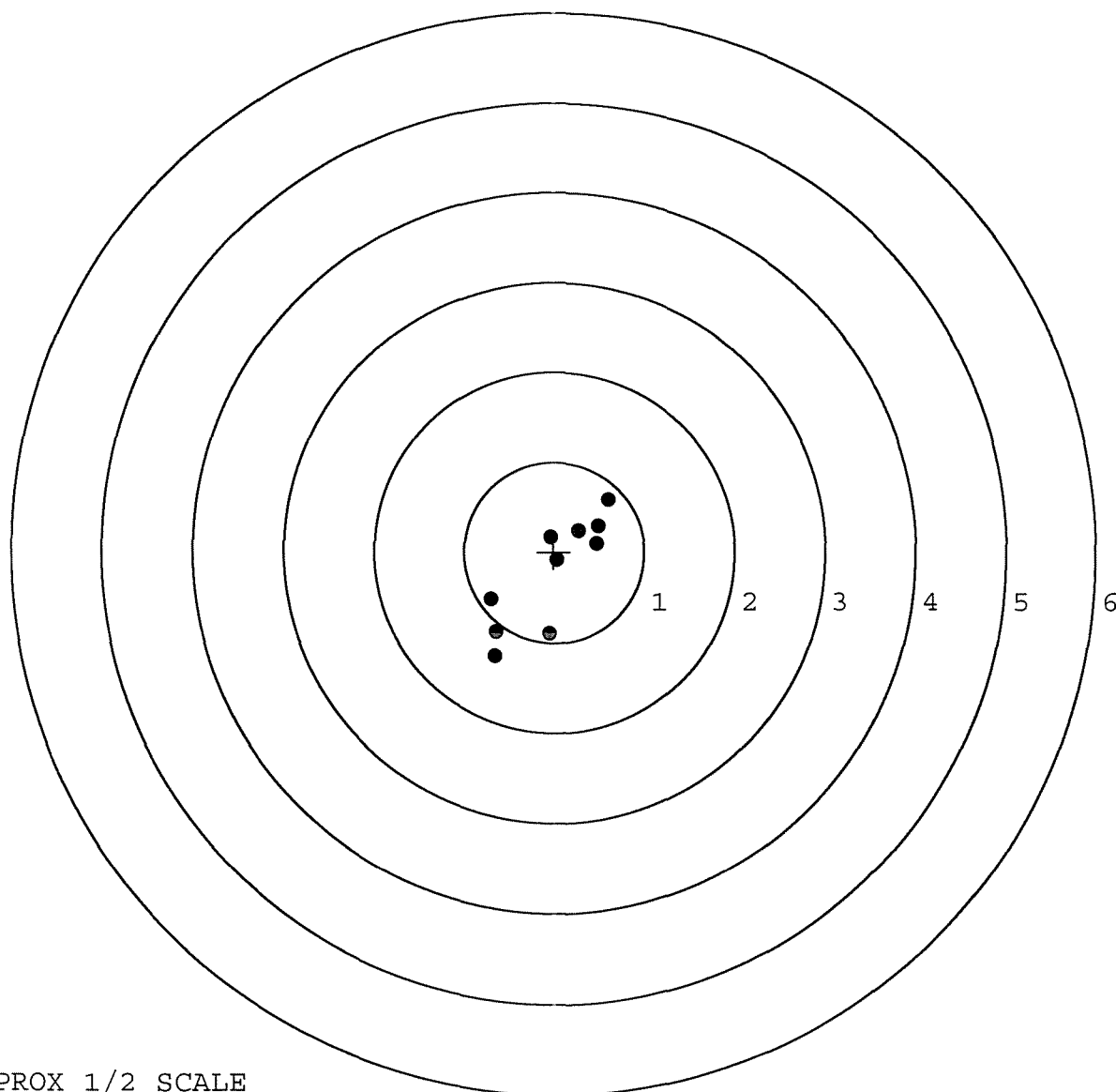
MEAN RADIUS: 0.685

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.659	-1.147
2:	-0.649	-0.882
3:	-0.705	-0.526
4:	-0.056	-0.902
5:	0.603	0.581
6:	0.488	0.292
7:	0.474	0.096
8:	0.034	-0.091
9:	-0.040	0.160
10:	0.268	0.235



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738633. 0

TARGET NUMBER: 3

FILE DATE: 04/08/2009

FILE TIME: 08:35

X CENTROID: -0.018

Y CENTROID: -0.028

POA TO CENTROID: 0.033

HORZ SPREAD: 2.019

VERT SPREAD: 2.032

GROUP SPREAD: 2.096

MIN RADIUS: 0.291

MAX RADIUS: 1.136

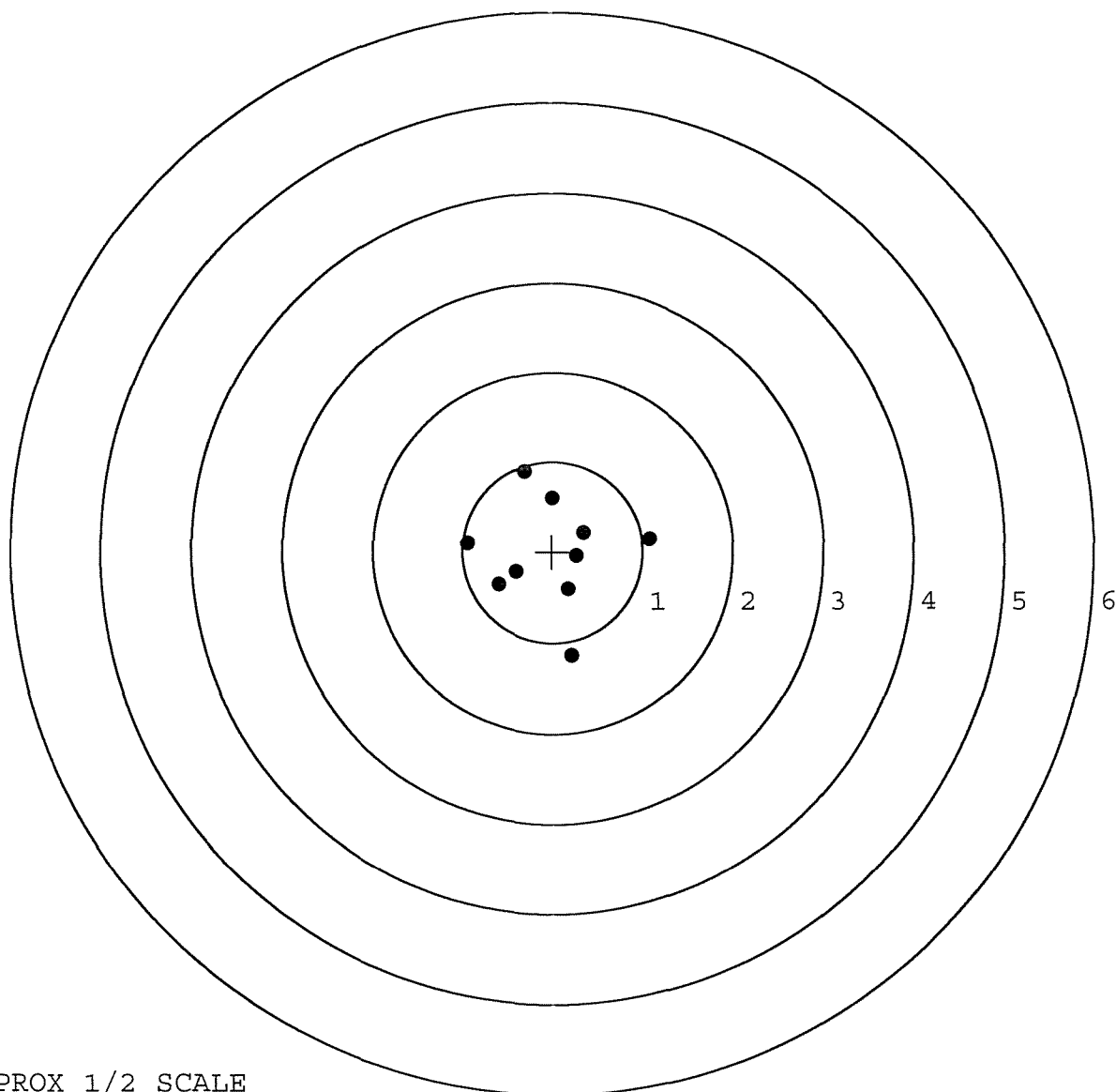
MEAN RADIUS: 0.702

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.308	0.891
2:	-0.002	0.596
3:	-0.944	0.089
4:	-0.595	-0.368
5:	-0.405	-0.224
6:	0.208	-1.141
7:	1.075	0.136
8:	0.175	-0.418
9:	0.272	-0.050
10:	0.345	0.208



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738633. __0

TARGET NUMBER: 4

FILE DATE: 04/08/2009

FILE TIME: 08:35

X CENTROID: 0.064

Y CENTROID: 0.029

POA TO CENTROID: 0.070

HORZ SPREAD: 2.083

VERT SPREAD: 2.252

GROUP SPREAD: 2.307

MIN RADIUS: 0.100

MAX RADIUS: 1.239

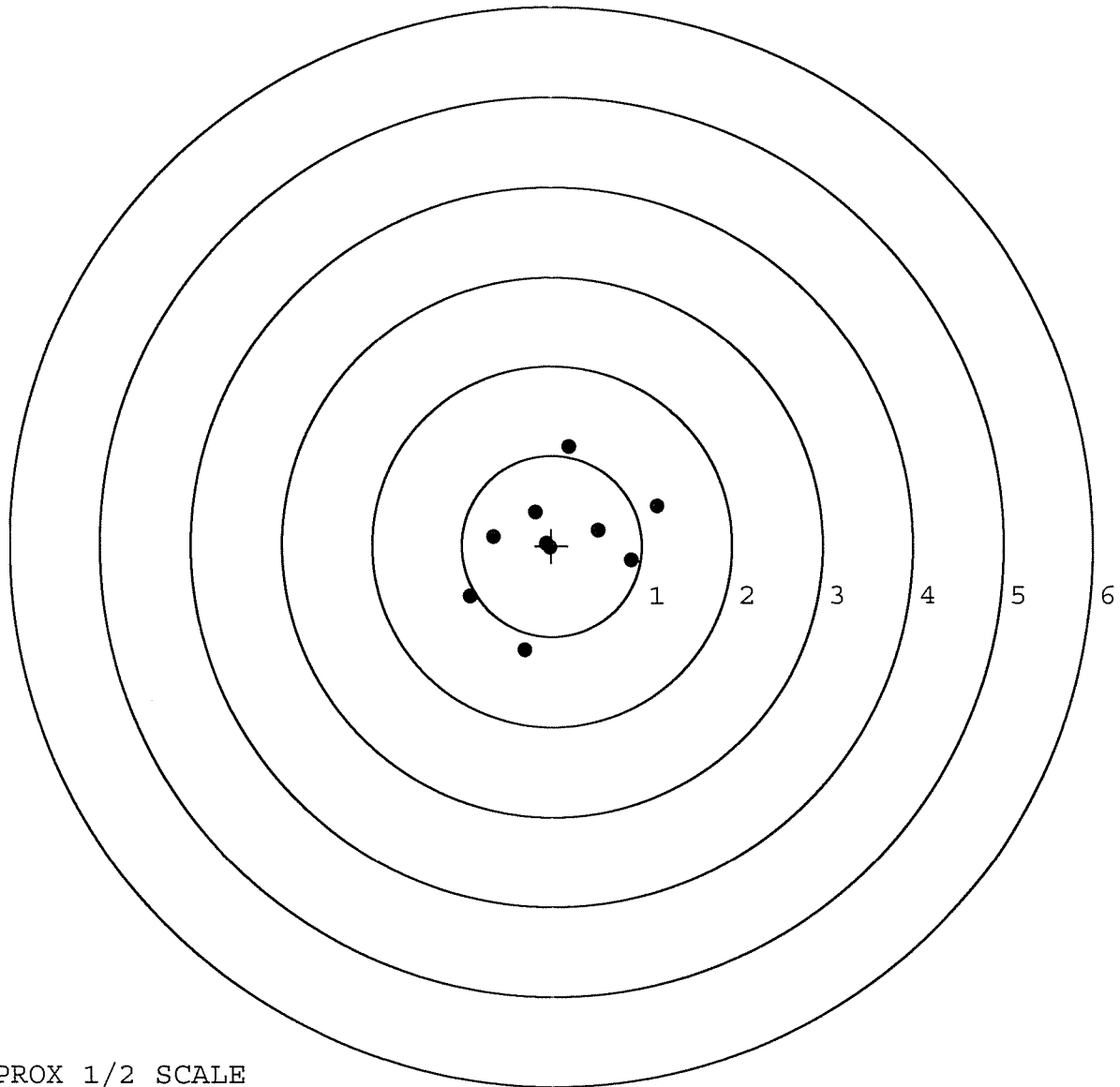
MEAN RADIUS: 0.732

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.021	-0.024
2:	0.198	1.098
3:	1.171	0.437
4:	0.883	-0.163
5:	0.518	0.171
6:	-0.061	0.025
7:	-0.182	0.370
8:	-0.652	0.098
9:	-0.912	-0.563
10:	-0.304	-1.154



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738633. __0

TARGET NUMBER: 5

FILE DATE: 04/08/2009

FILE TIME: 08:35

X CENTROID: -0.095

Y CENTROID: -0.217

POA TO CENTROID: 0.237

HORZ SPREAD: 1.617

VERT SPREAD: 2.549

GROUP SPREAD: 2.744

MIN RADIUS: 0.283

MAX RADIUS: 1.457

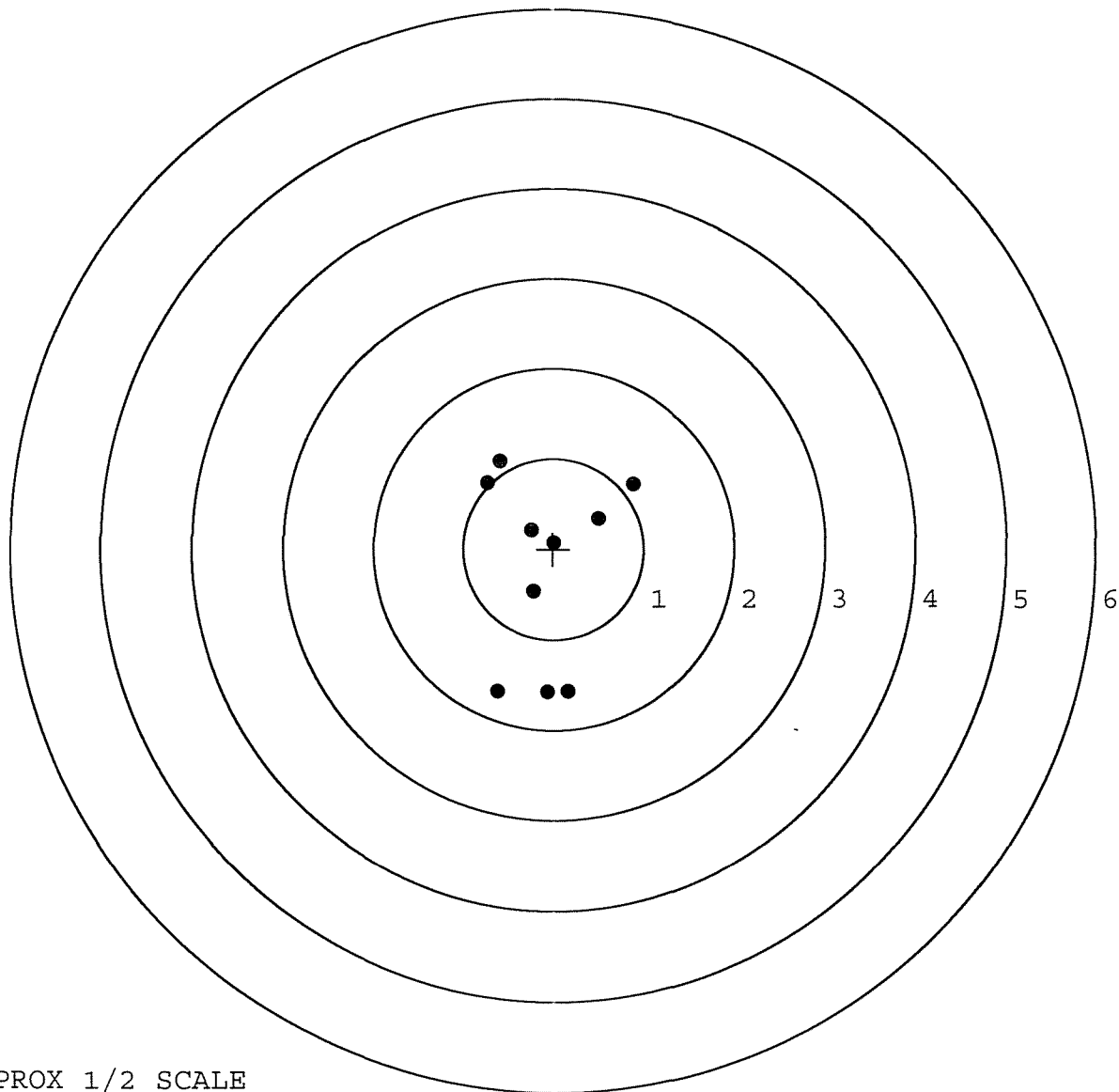
MEAN RADIUS: 0.984

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.009	0.072
2:	-0.252	0.213
3:	-0.732	0.727
4:	-0.595	0.968
5:	0.494	0.334
6:	0.885	0.718
7:	-0.224	-0.469
8:	0.160	-1.575
9:	-0.070	-1.581
10:	-0.624	-1.574



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349152.___0

FILE DATE AND TIME: 02/18/2003 10:16

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.019
The Average Y Centroid of the Five Target Set:	0.104
The Average Point of Impact of the Five Target Set:	0.106
The Average Mean Radius of the Five Target Set:	0.791
The Distance from POA to Centroid Target #1:	0.208
The Distance from Centroid Target #2 to Centroid Target #1:	0.423
The Distance from Centroid Target #3 to Centroid Target #1:	0.246
The Distance from Centroid Target #4 to Centroid Target #1:	0.482
The Distance from Centroid Target #5 to Centroid Target #1:	0.489

SERIAL NUMBER: C6349152. 0

TARGET NUMBER: 1

FILE DATE: 02/18/2003

FILE TIME: 10:16

POINT#	X	Y
1:	0.428	-1.428
2:	0.176	-0.748
3:	-0.259	-0.448
4:	-0.736	-0.475
5:	0.374	-0.132
6:	-1.097	0.177
7:	-0.228	0.488
8:	0.249	0.467
9:	-0.195	1.011
10:	-0.789	0.964

X CENTROID: -0.208

Y CENTROID: -0.012

POA TO CENTROID: 0.208

HORZ SPREAD: 1.525

VERT SPREAD: 2.439

GROUP SPREAD: 2.684

MIN RADIUS: 0.439

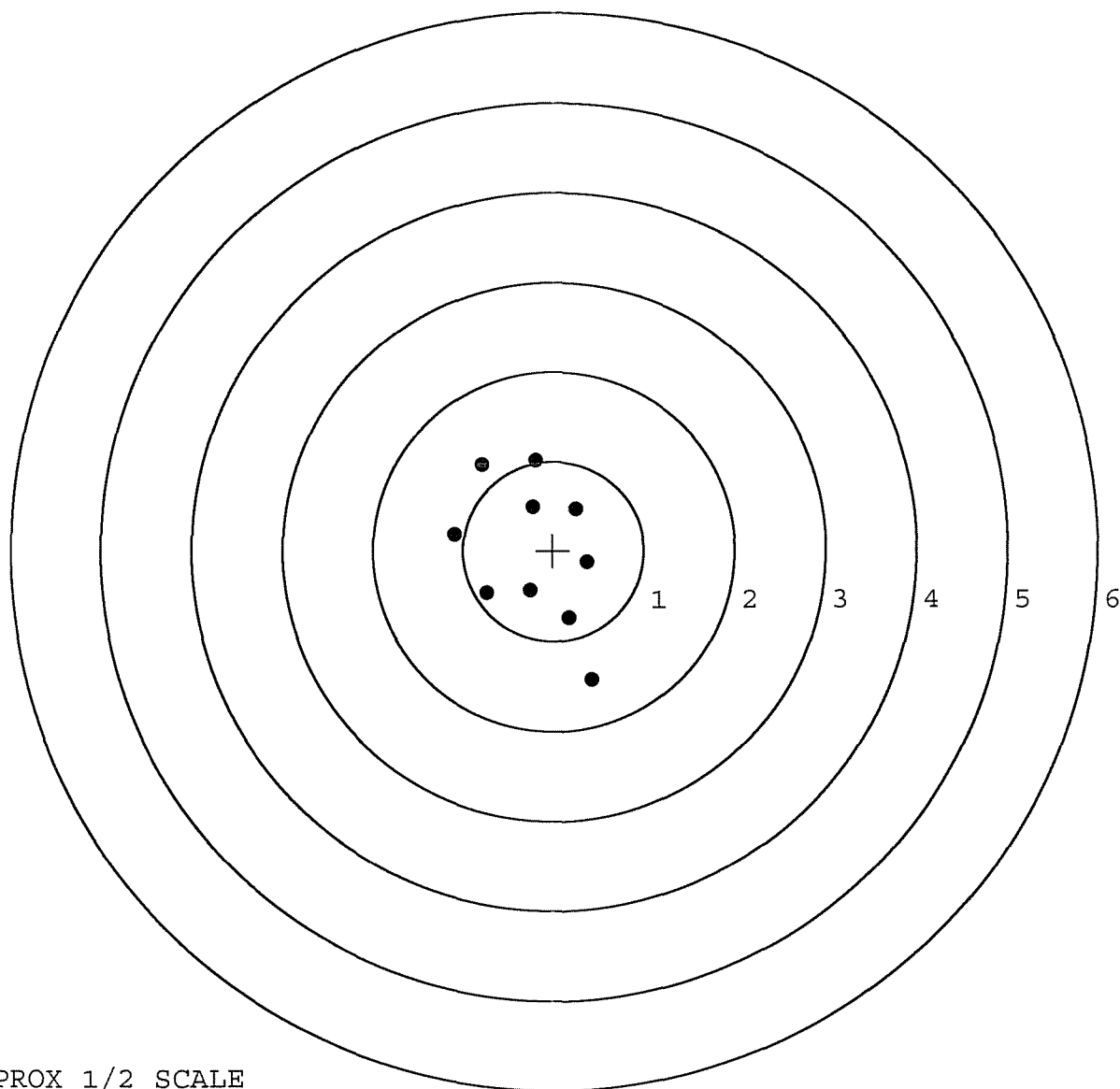
MAX RADIUS: 1.552

MEAN RADIUS: 0.835

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349152. 0

TARGET NUMBER: 2

FILE DATE: 02/18/2003

FILE TIME: 10:16

POINT#	X	Y
1:	1.041	-0.191
2:	0.591	0.190
3:	0.355	0.228
4:	0.454	1.009
5:	-0.044	-0.458
6:	-0.033	-0.007
7:	-0.617	-0.373
8:	-0.810	0.231
9:	-1.771	0.945
10:	-1.393	2.527

X CENTROID: -0.223

Y CENTROID: 0.410

POA TO CENTROID: 0.467

HORZ SPREAD: 2.812

VERT SPREAD: 2.985

GROUP SPREAD: 3.649

MIN RADIUS: 0.458

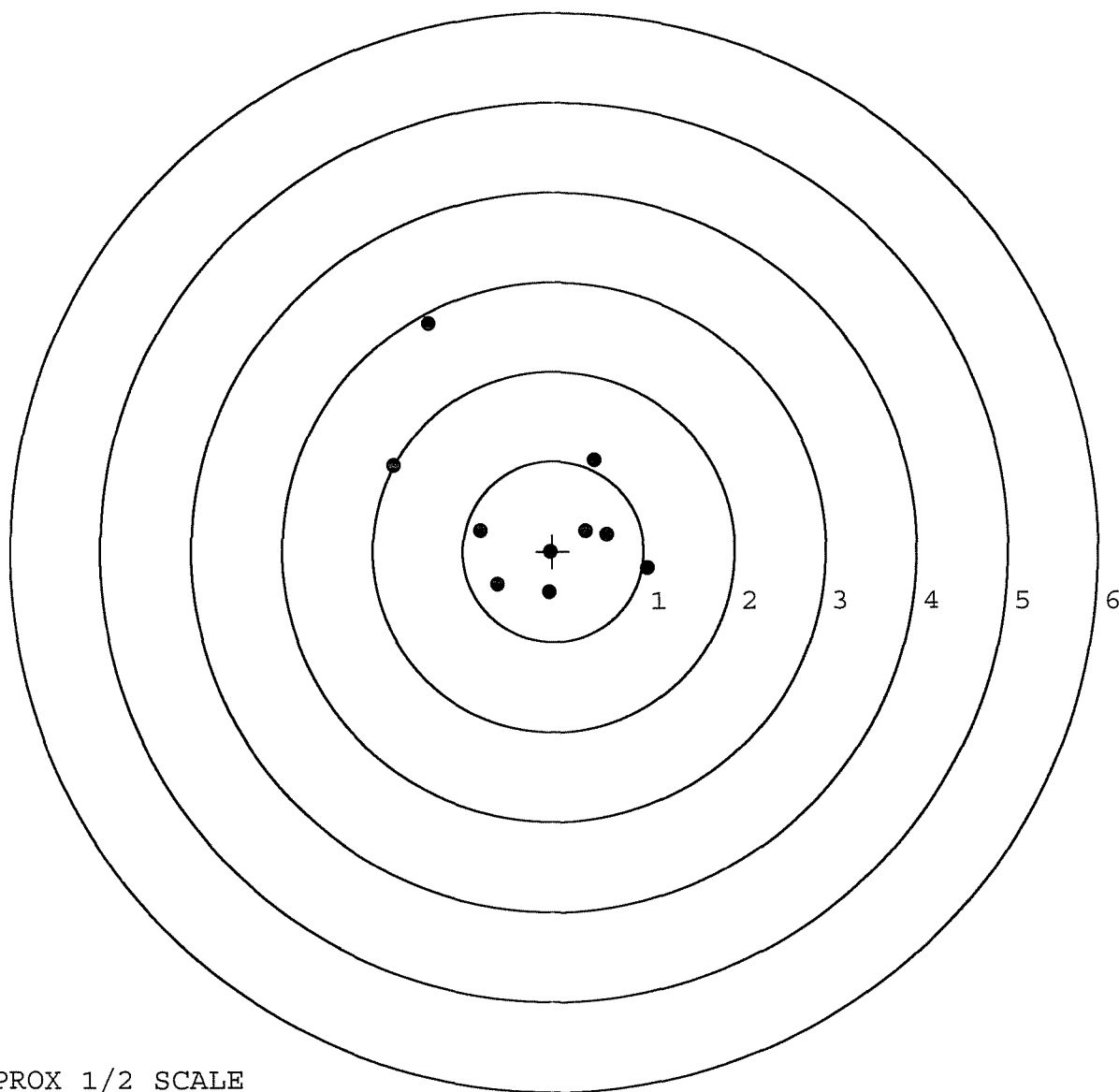
MAX RADIUS: 2.419

MEAN RADIUS: 1.064

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349152. __0

TARGET NUMBER: 3

FILE DATE: 02/18/2003

FILE TIME: 10:16

POINT#	X	Y
1:	0.648	-0.344
2:	-0.161	-0.600
3:	0.172	-0.178
4:	-0.163	-0.143
5:	-0.429	0.063
6:	0.197	0.271
7:	-0.099	0.400
8:	0.356	0.987
9:	-0.636	0.904
10:	-0.026	0.033

X CENTROID: -0.014

Y CENTROID: 0.139

POA TO CENTROID: 0.140

HORZ SPREAD: 1.284

VERT SPREAD: 1.587

GROUP SPREAD: 1.791

MIN RADIUS: 0.107

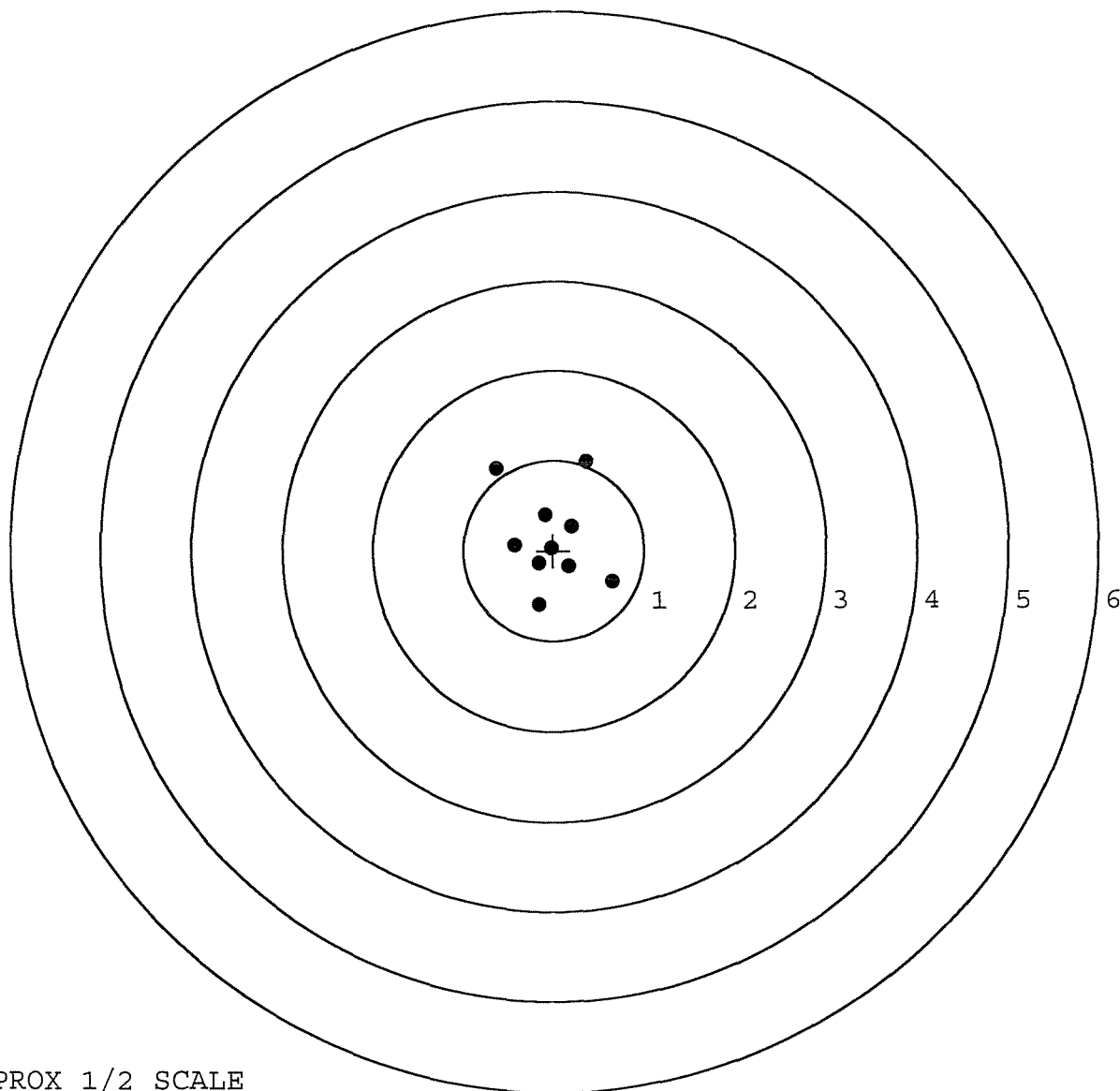
MAX RADIUS: 0.986

MEAN RADIUS: 0.522

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349152. 0

TARGET NUMBER: 4

FILE DATE: 02/18/2003

FILE TIME: 10:16

POINT#	X	Y
1:	0.294	-1.453
2:	0.805	-0.427
3:	0.725	-0.407
4:	0.288	-0.504
5:	0.053	-0.662
6:	-0.340	-0.812
7:	0.154	0.513
8:	0.132	0.828
9:	0.415	1.221
10:	0.134	0.672

X CENTROID: 0.266

Y CENTROID: -0.103

POA TO CENTROID: 0.285

HORZ SPREAD: 1.145

VERT SPREAD: 2.674

GROUP SPREAD: 2.677

MIN RADIUS: 0.402

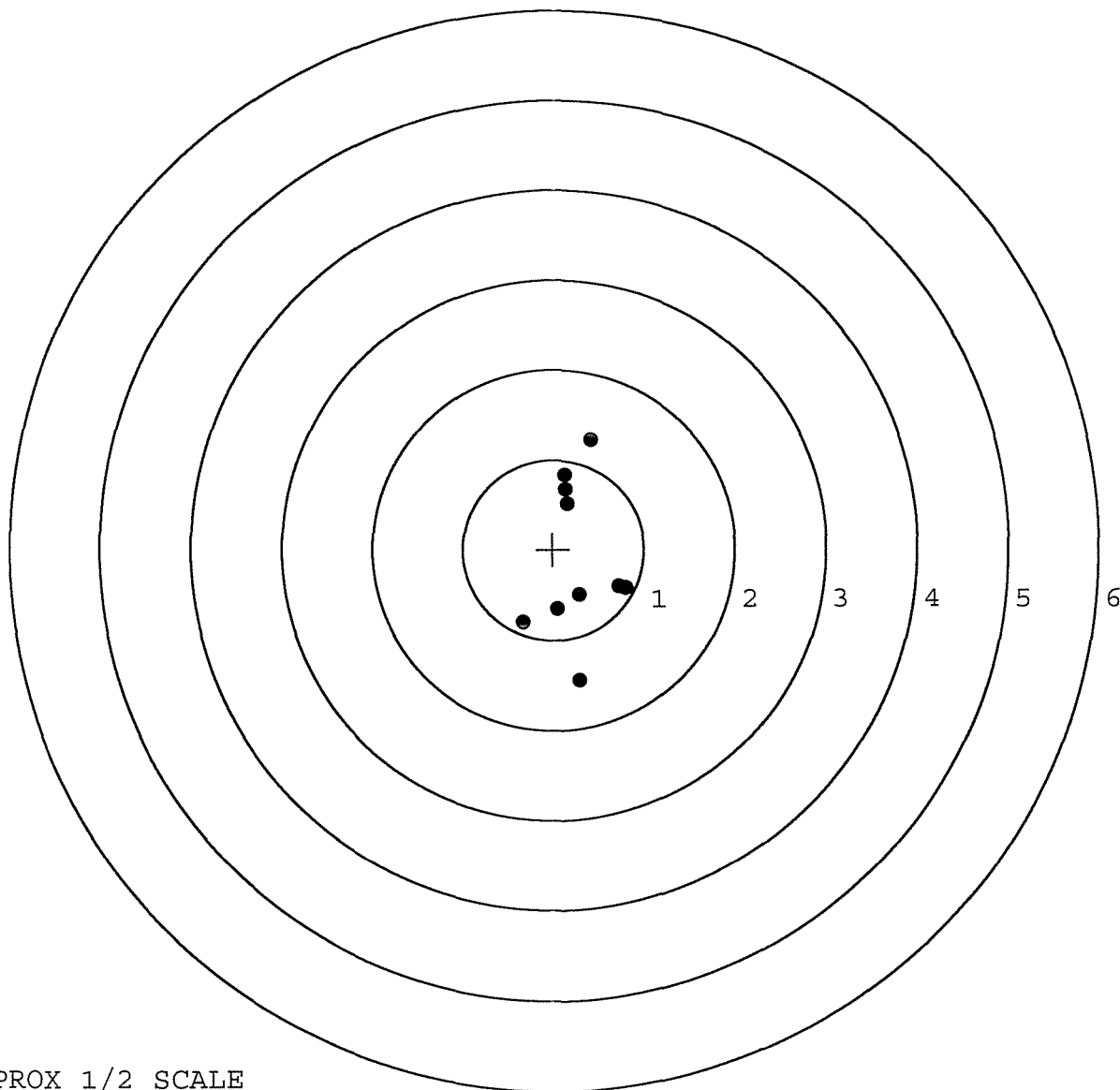
MAX RADIUS: 1.350

MEAN RADIUS: 0.815

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

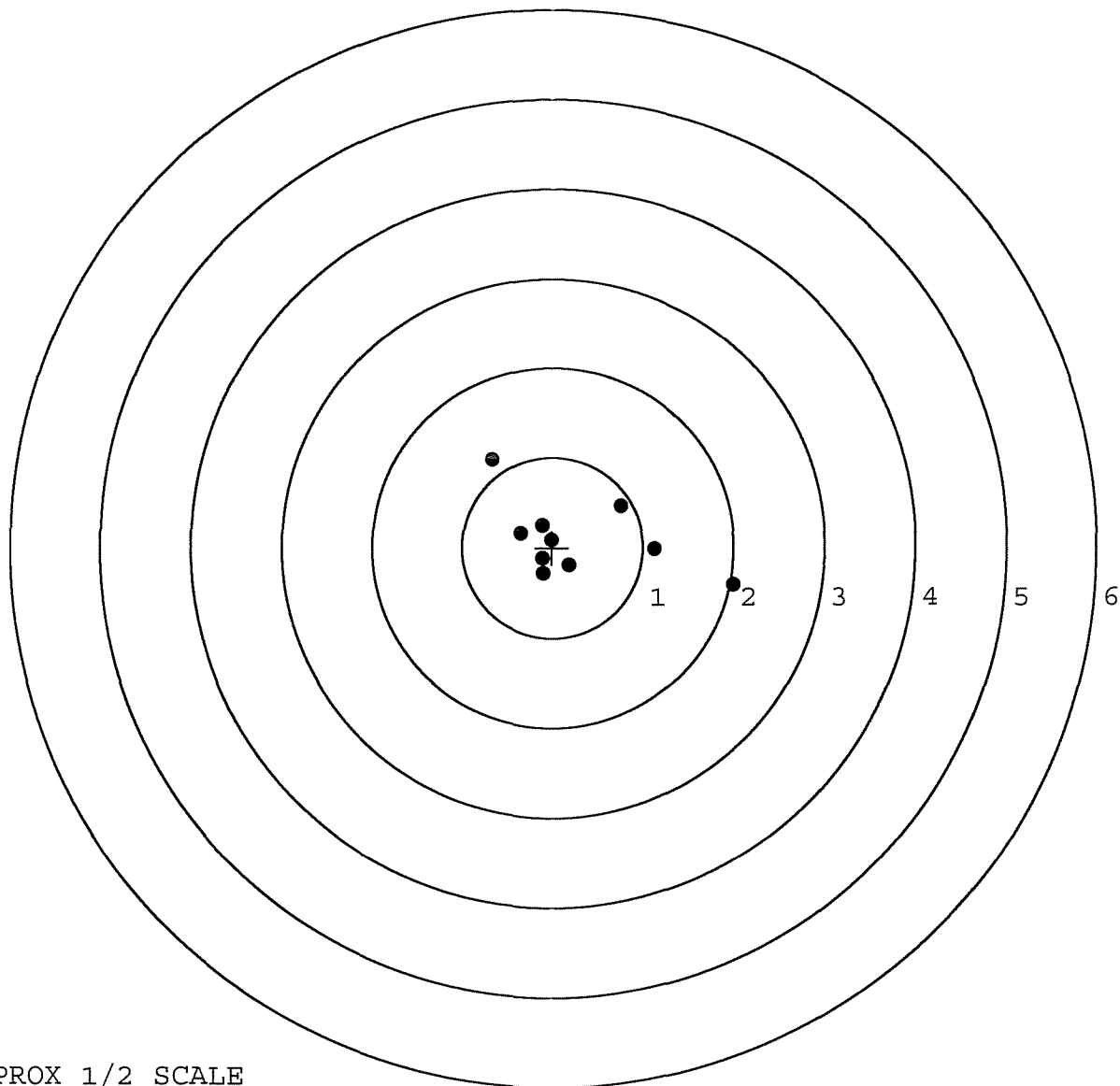


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349152. 0
TARGET NUMBER: 5
FILE DATE: 02/18/2003
FILE TIME: 10:16

POINT#	X	Y
1:	1.133	-0.020
2:	1.998	-0.415
3:	0.760	0.457
4:	-0.670	0.970
5:	-0.118	0.242
6:	-0.352	0.157
7:	-0.106	-0.291
8:	0.190	-0.197
9:	-0.011	0.083
10:	-0.112	-0.121

X CENTROID: 0.271
Y CENTROID: 0.086
POA TO CENTROID: 0.285
HORZ SPREAD: 2.668
VERT SPREAD: 1.385
GROUP SPREAD: 3.006
MIN RADIUS: 0.282
MAX RADIUS: 1.798
MEAN RADIUS: 0.716
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.68	2.63		2.70	MIN. SETTING
PULL #2	2.63	2.73		2.61	NO AVG. OF 5
PULL #3	2.52	2.78		2.77	READINGS ACCEPT
PULL #4	2.40	2.79		2.79	ABLE LESS THAN
PULL #5	2.68	2.72		2.73	
TOTAL	12.91	13.65		13.60	
AVG.	2.58	2.73		2.72	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.23		
PULL #2	3.12	3.08		
PULL #3	3.19	3.20		
PULL #4	3.18	3.23		
PULL #5	3.22	3.21		
TOTAL	15.92	15.95		
AVG.	3.18	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# & TARGET & ACCU
PULL #1	4.40	4.43		4.07
PULL #2	4.30	4.26		4.20
PULL #3	4.31	4.29		4.07
PULL #4	4.35	4.38		4.16
PULL #5	4.33	4.24		4.14
TOTAL	21.69	21.60		20.64
AVG.	4.33	4.32		4.12

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

R & E NUMBER	60354		
SERIAL NUMBER	C6349152		
LOG-IN DATE	1-23-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-23-03	RTI
560 A	RE-BARREL	1-28-03	RA
B	DRILL AND TAP	1-28-03	TRW
575	ASSEMBLE	1-28-03	RW
600	PROOF	1-28-03	RW
605	CHECK HEADSPACE	1-28-03	RW
610	DIS-ASSEMBLE GUN	1-28-03	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST	1-30-03	
620	APPLY COATINGS	2-11	TA
625 A	FINAL ASSEMBLY	2-13-03	RW
B	TRIGGER PULL TEST	2.42, 2.45, 2.59, 2.44, 2.54	RW
C	SAFETY "ON" FORCE	8, 8, 7	RW
D	SAFETY "OFF" FORCE	2.5, 3, 3	RW
E	FIRING PIN INDENT		
640	TARGET	2-17-03	TRW
655	FINAL INSPECT	2-17-03	RW
660	PACK	2-18-03	RA
		SHIP DATE	
QAR INSPECTION DATE			

SERIAL # C6349152

INSPECTED BY: RW

DATE REC'D: 1-23-03

DATE RET'D: 2-18-03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

GUN SERIAL #

C6349152

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY ASS'T	10-9-89	RW
600	Proof		10-9-89	A
607	Check Headspace		10-9-89	RW
610	Dis-assemble Gun		10-9-89	RW
612	Magnaflux Barrel Action		11/2/89	KCR
	Magnaflux Bolt		11/2/89	KCR
615	Rollmark Caliber		11/2/89	G.S.
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-11-89	A
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-11-89	A
	C) Inspect Ejector Hole for Chamfer		11-11-89	A
	D) Oil Firing Pin Ass'y		11-11-89	A
	E) Adjust Trigger Pull to Min Setting and Stake		11/16/89	928

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			16 Nov 89	JS
	G) Safety Off Force	4	4	4			16 Nov 89	JS
	H) Trigger Pull Test & Retainability						16 Nov 89	JS
	I) Firing Pin Indent	.022	.023	.0225			16 Nov 89	JS
	J) Assemble Stock						11-29-89	AC
	K) Assemble Swivel Studs						6 Dec 89	JS
	L) Attach Front and Rear Sight Assemblies						11-29-89	AC
	M) Iron Sight Alignment						11-29-89	AC
	N) Detach Front & Rear Sights & place in numbered container						11-29-89	AC
	O) Attach Scope to Rifle						29 Nov 89	JS
	P) Detach & Attach Scope 20 Times						29 Nov 89	JS
640	Gallery Target & Test						12-5-89	D/H
	A) Time						12-5-89	D/H
	B) Malfunctions						12-5-89	D/H
	C) Pierced Primers						12-5-89	D/H
	D) Optical Clarity of Scope						12-5-89	D/H
645	Inspect for Live Ammo						12-5-89	D/H
655	Final Inspection							
	A) Headspace						6 Dec 89	JS
	B) Trigger Pull	241	251	251	239	243	6 Dec 89	JS
	C) Function						6 Dec 89	JS
660	Pack						18 Dec 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6349152

DATE 12/10/90

TESTER QJ8

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	238	240	264	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	228	229	253	
PULL #3	228	221	253	
PULL #4	222	229	251	
PULL #5	230	231	258	
TOTAL	1146	1150		
AVG.	2292	230		

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	321	344	
PULL #2	334	334	
PULL #3	344	330	
PULL #4	348	341	
PULL #5	335	340	
TOTAL	1682	1689	
AVG.	3364	3378	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	432	432		
PULL #2	432	433		
PULL #3	435	433		
PULL #4	433	422		
PULL #5	435	433		
TOTAL	2167	2153		
AVG.	4334	4306		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349152
5 Dec 1989

CENTROIDAL DISTANCES

0 TO 1 .283212
1 TO 2 .384334
1 TO 3 .230764
1 TO 4 .212325
1 TO 5 .255472

+5
43 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2918
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2306
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .371919
THE AMR FOR THIS RIFLE IS: .9098

5 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6349152

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 2.303

VS= 2.360

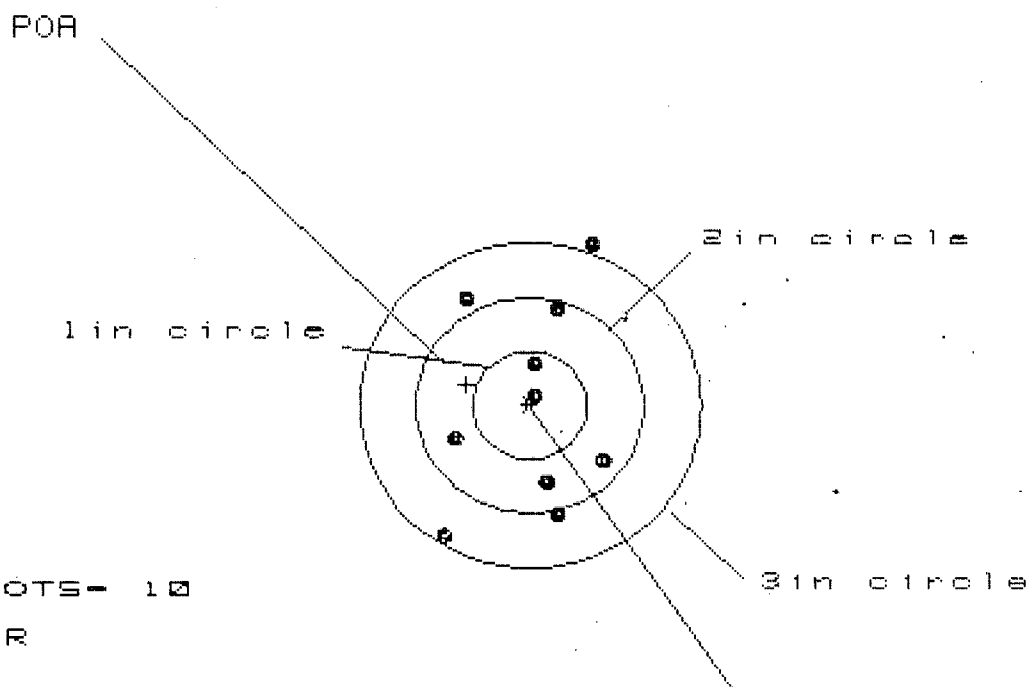
GS= 3.018

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.855	.865	.696
MINIMUM X	:	-1.448	-1.353	-.679
MAXIMUM Y	:	1.374	.943	.889
MINIMUM Y	:	-.986	-.833	-.887
CENTROID X	:	.172	.077	.246
CENTROID Y	:	-.225	-.378	-.325
POA TO CENTROID in.	:	.283	.385	.407
MIN RADIUS	:	.162	.076	.112
MEAN RADIUS	:	.938	.843	.765
MAX RADIUS	:	1.618	1.418	.999
HORIZONTAL SPREAD	:	2.303	2.218	1.375
VERTICAL SPREAD	:	2.360	1.776	1.776
EXTREME SPREAD	:	3.018	2.404	1.879
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	8		

5 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6349152

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 6

3 in - 9

HS- 1.424

VS= 2.706

GS= 2.976

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.689	.745	.660
MINIMUM X	:	-.735	-.679	-.652
MAXIMUM Y	:	1.510	1.112	.984
MINIMUM Y	:	-1.196	-1.029	-.972
CENTROID X	:	.555	.499	.584
CENTROID Y	:	-.193	-.360	-.232
POA TO CENTROID in.	:	.588	.616	.629
MIN RADIUS	:	.099	.275	.127
MEAN RADIUS	:	.872	.795	.718
MAX RADIUS	:	1.591	1.233	1.128
HORIZONTAL SPREAD	:	1.424	1.424	1.312
VERTICAL SPREAD	:	2.706	2.141	1.956
EXTREME SPREAD	:	2.976	2.279	2.108
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8349152

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in - 2

2in - 6

3in = 10

HS- 2.365

VS= 1.824

GS= 2.778

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.120	1.097	.957
MINIMUM X	:	-1.245	-1.120	-1.122
MAXIMUM Y	:	.993	.553	.525
MINIMUM Y	:	-.831	-.721	-.652
CENTROID X	:	.378	.253	.393
CENTROID Y	:	-.329	-.439	-.508
POA TO CENTROID in.	:	.501	.507	.643
MIN RADIUS	:	.127	.187	.272
MEAN RADIUS	:	.896	.818	.760
MAX RADIUS	:	1.497	1.249	1.224
HORIZONTAL SPREAD	:	2.365	2.217	2.079
VERTICAL SPREAD	:	1.824	1.274	1.177
EXTREME SPREAD	:	2.778	2.288	2.288
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

5 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG349152

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in - 1

2in - 4

3in = 8

HS= 2.865

VS= 2.209

GS= 3.186

PATTERN #

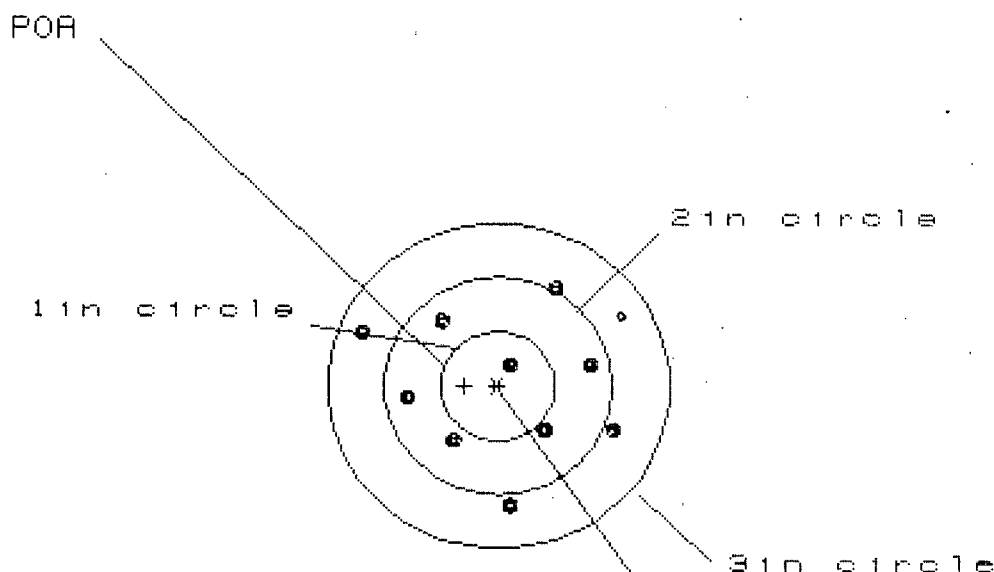
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.485	1.332	1.110
MINIMUM X	-1.380	-1.063	-.897
MAXIMUM Y	1.152	.923	.908
MINIMUM Y	-1.057	-.929	-.944
CENTROID X	.061	.214	.048
CENTROID Y	-.406	-.534	-.519
POA TO CENTROID in.	.410	.575	.522
MIN RADIUS	.368	.214	.375
MEAN RADIUS	1.014	.903	.847
MAX RADIUS	1.797	1.337	1.111
HORIZONTAL SPREAD	2.865	2.395	2.007
VERTICAL SPREAD	2.209	1.852	1.852
EXTREME SPREAD	3.186	2.520	2.101
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

5 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG349152

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.257

VS= 1.967

GS= 2.403

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.028	.891	.732
MINIMUM X	:	-1.229	-.962	-.850
MAXIMUM Y	:	.898	.949	.910
MINIMUM Y	:	-1.069	-1.018	-1.057
CENTROID X	:	.293	.430	.318
CENTROID Y	:	.000	-.051	-.012
POR TO CENTROID in.	:	.293	.433	.319
MIN RADIUS	:	.200	.239	.202
MEAN RADIUS	:	.829	.765	.736
MAX RADIUS	:	1.312	1.018	1.061
HORIZONTAL SPREAD	:	2.257	1.853	1.582
VERTICAL SPREAD	:	1.967	1.967	1.967
EXTREME SPREAD	:	2.403	2.004	2.004
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	




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

MODEL 700™

H24

SERIAL NO.

C6349152

ORDER NO.

5716

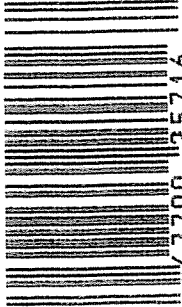
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.

01



5716 C6349152

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400001460

98-10425

MAINTENANCE REQUEST				PAGE NO.		NO. OF PAGES		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG											
SECTION I - EQUIPMENT DATA											
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION			
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>C6349152</i>		B. LOCATION <i>FT. Benning Ga 31905</i>				C. UNIT IDENT CODE <i>W2L5K4</i>			
2. SERIAL NO. <i>C6349152</i>		3. NOUN NOMENCLATURE <i>M245WS</i>		4. LINE NO. <i>R95387</i>		5. MODEL		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>			
7A. MAINTENANCE ACTIVITY		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS <i>6000</i>	13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)						15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)					
☐ A Sch. Main.		☐ C Test		☐ E Storage		☐ G Flight		☐ 068 Inoperative		☐ 258 Overheating	
☐ B Handling		☐ D Normal Op		☐ F Inspection		☐ H Other		☐ 008 Noisy		☐ 387 Low Performance	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <i>See Remarks</i>											
B. REMARKS											
SECTION II - WORK ACCOMPLISHED											
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)				19. AMS ACCT. CODE	
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor					
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE		G. QTY.	H. PARTS COST
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE							
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
					I. TOTAL MANHOURS		J. TOTAL MANHOURS COST \$		K. TOTAL PARTS COST \$		
21. DELAY (Select One)					☐ 1 Parts	☐ 2 Manpower	☐ 3 Facilities	☐ 4 Funds	☐ 5 Tools	22. Data Transcribed ☒	
23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)	
										☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged	
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE			

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6349152
16 Jul 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1826

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .236

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .298394

THE AMR FOR THIS RIFLE IS: 1.01

CENTROIDAL DISTANCES

Ø TO	1	.70993
1 TO	2	.412753
1 TO	3	.695115
1 TO	4	.559094
1 TO	5	.432759

1
8
B 4 <----POA

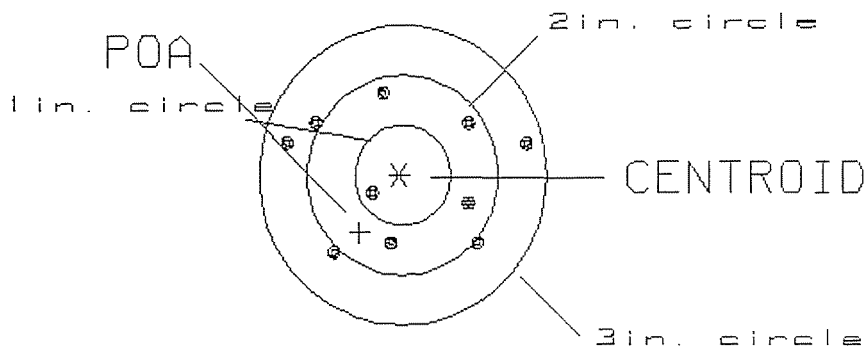
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .709
 MIN RADIUS : .325
 MEAN RADIUS : .916
 MAX RADIUS : 1.320
 CENTROID X : .415
 CENTROID Y : .576

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT C6349152

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.51

1

VS= 1.61

5

GS= 2.51

10

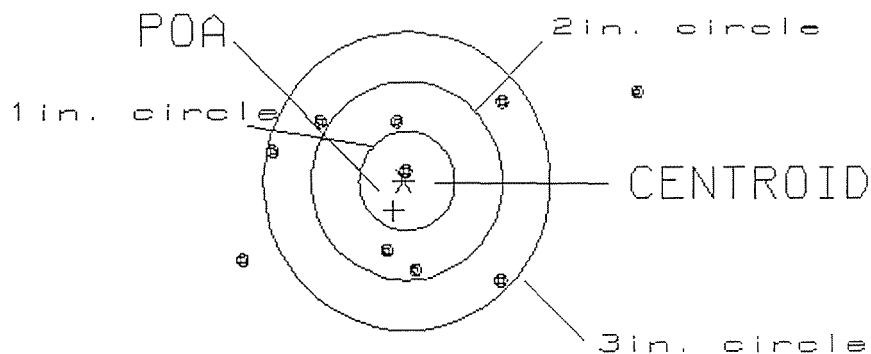
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .318
MIN RADIUS : .145
MEAN RADIUS : 1.207
MAX RADIUS : 2.546
CENTROID X : .109
CENTROID Y : .299

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT C6349152

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.11

1

VS= 1.94

4

GS= 4.44

8

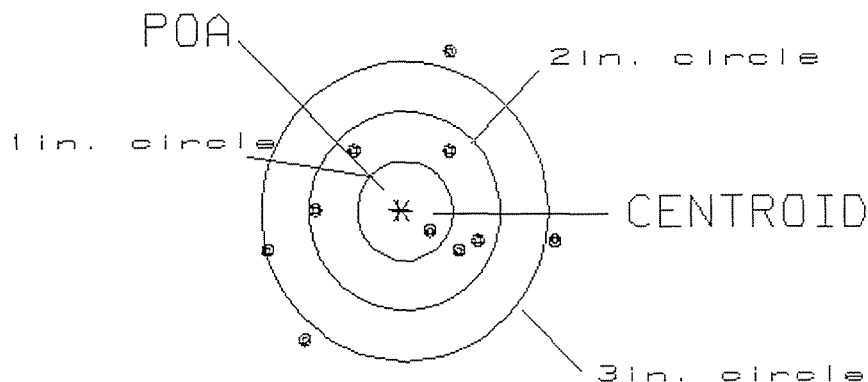
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .039
 MIN RADIUS : .273
 MEAN RADIUS : 1.066
 MAX RADIUS : 1.692
 CENTROID X : .038
 CENTROID Y : -.008

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT C6349152

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.00

1

VS= 2.98

6

GS= 3.29

7

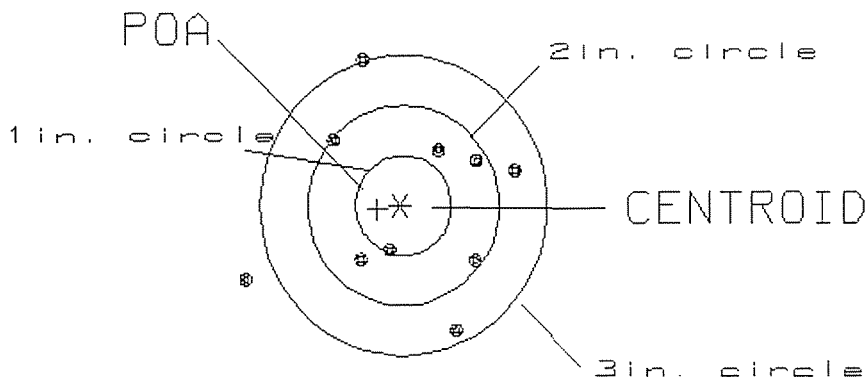
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .244
 MIN RADIUS : .473
 MEAN RADIUS : 1.058
 MAX RADIUS : 1.846
 CENTROID X : .240
 CENTROID Y : .045

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT C6349152

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.81
 VS= 2.73
 GS= 3.03

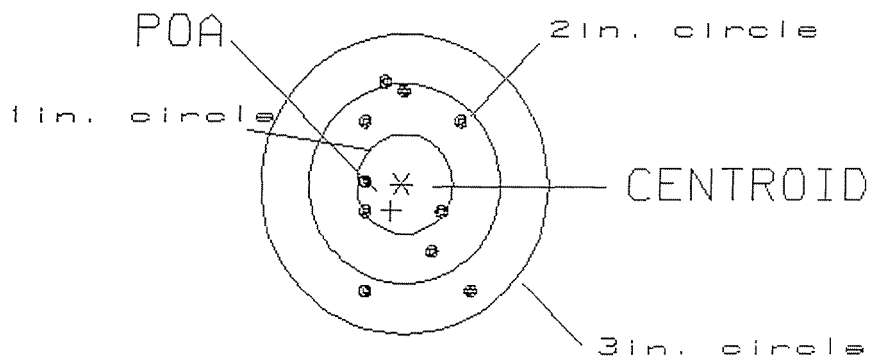
1
 5
 8

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .290
 MIN RADIUS : .383
 MEAN RADIUS : .803
 MAX RADIUS : 1.314
 CENTROID X : .111
 CENTROID Y : .268

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT C6349152

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.15

3

VS= 2.18

7

GS= 2.37

10

Repair Number: **RE00095618**

Serial: C6349152 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 4/7/2005 8:07:52 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **CENTRAL RECEIVING POINT**

CENTRAL RECEIVING POINT

Address 1: **UPTON AVE**

UPTON AVE

Address 2: **BLDG 224**

PO Box:

BLDG 224

PO Box:

City: **FORT BENNING**

FORT BENNING

State: **GA**

Zip Code: **31905**

Country: **US**

State: **GA**

Zip Code: **31905**

Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **N/A**

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A057	Front and Rear Sgt Base	1

Repair Search

Refresh

Close

magletj

4/7/2005

8:11 AM

CAPS

NUM

INS

SCPL

start

2

2

3

Arms Services

G6414350 (New)

Serial Number: **C6349152**

Model: **M24 SWS**



RE00095618

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414350.__0

FILE DATE AND TIME: 04/28/2005 05:52

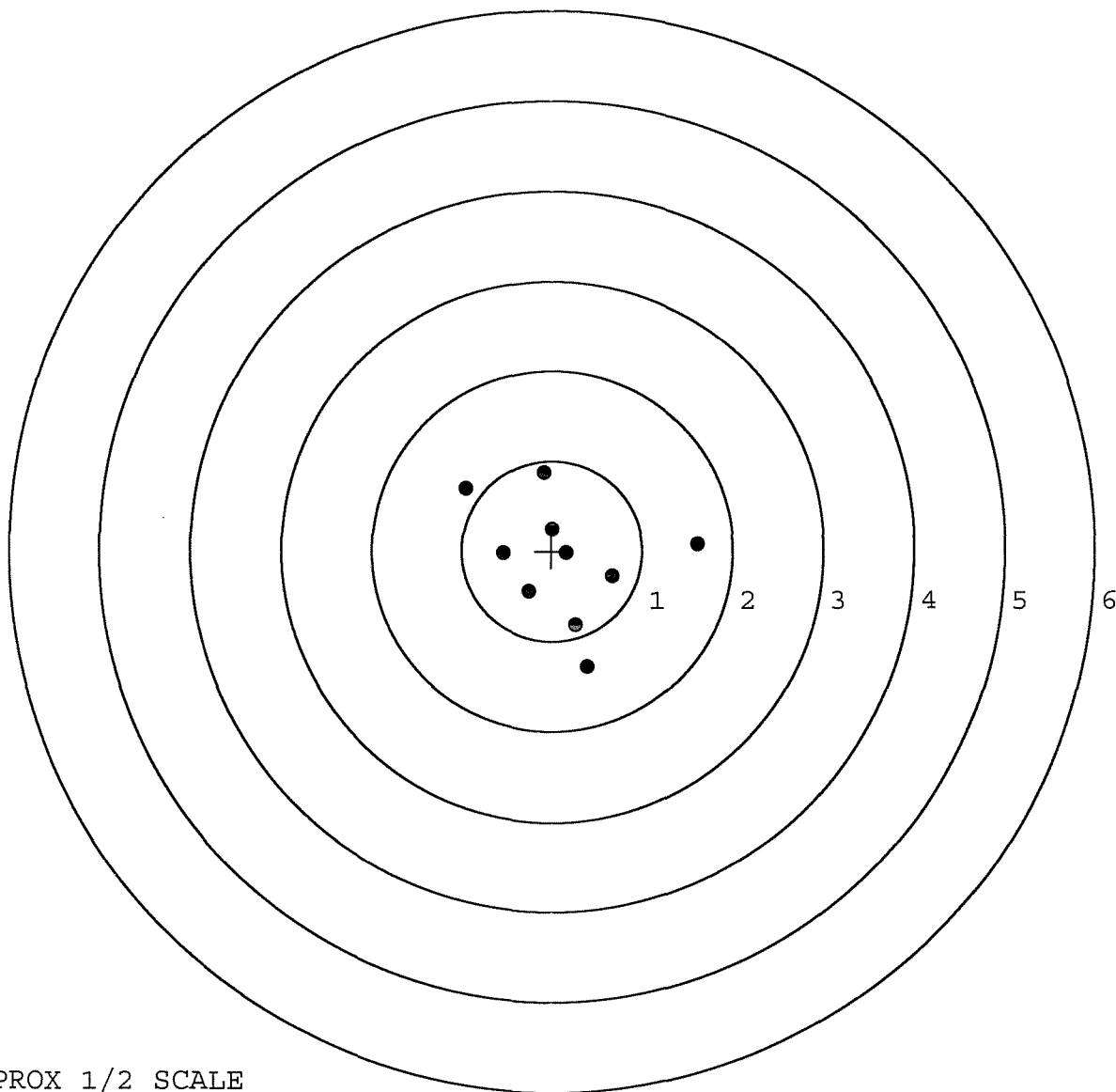
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.105
The Average Y Centroid of the Five Target Set:	-0.139
The Average Point of Impact of the Five Target Set:	0.174
The Average Mean Radius of the Five Target Set:	0.936
The Distance from POA to Centroid Target #1:	0.162
The Distance from Centroid Target #2 to Centroid Target #1:	0.265
The Distance from Centroid Target #3 to Centroid Target #1:	0.318
The Distance from Centroid Target #4 to Centroid Target #1:	0.171
The Distance from Centroid Target #5 to Centroid Target #1:	0.091

SERIAL NUMBER: G6414350.____0
TARGET NUMBER: 1
FILE DATE: 04/28/2005
FILE TIME: 05:52

POINT#	X	Y
1:	1.607	0.076
2:	0.389	-1.291
3:	0.263	-0.826
4:	0.669	-0.284
5:	-0.256	-0.448
6:	-0.537	-0.027
7:	0.163	-0.020
8:	0.007	0.244
9:	-0.088	0.867
10:	-0.959	0.690

X CENTROID: 0.126
Y CENTROID: -0.102
POA TO CENTROID: 0.162
HORZ SPREAD: 2.566
VERT SPREAD: 2.158
GROUP SPREAD: 2.638
MIN RADIUS: 0.090
MAX RADIUS: 1.492
MEAN RADIUS: 0.799
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414350. __0

TARGET NUMBER: 2

FILE DATE: 04/28/2005

FILE TIME: 05:52

POINT#	X	Y
1:	1.385	-1.528
2:	0.849	-1.096
3:	0.371	-1.276
4:	-0.299	-0.762
5:	-1.819	-0.862
6:	0.892	0.359
7:	2.037	1.427
8:	0.183	0.354
9:	-0.184	0.097
10:	-0.311	0.360

X CENTROID: 0.310

Y CENTROID: -0.293

POA TO CENTROID: 0.427

HORZ SPREAD: 3.856

VERT SPREAD: 2.955

GROUP SPREAD: 4.484

MIN RADIUS: 0.630

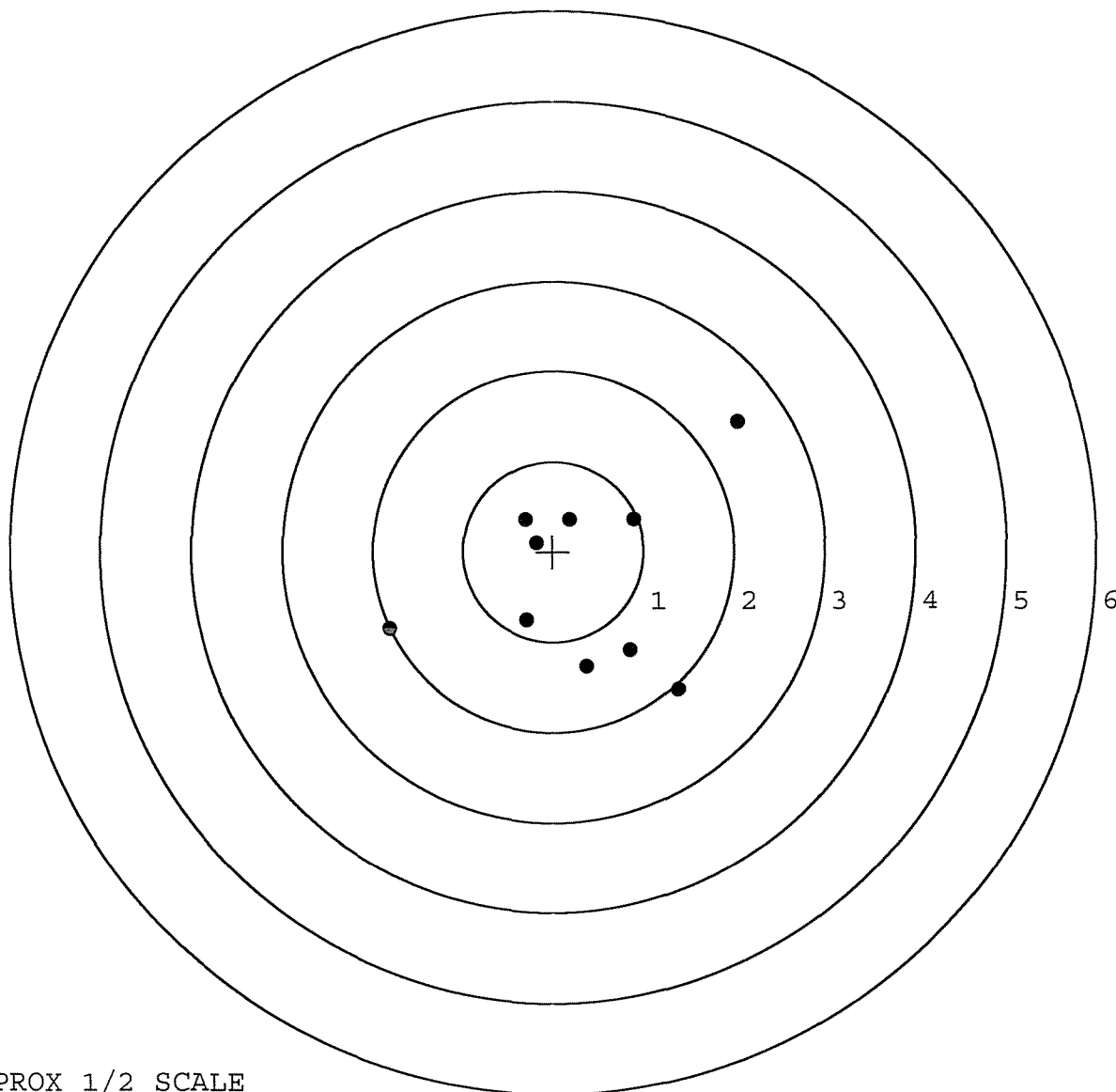
MAX RADIUS: 2.437

MEAN RADIUS: 1.206

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414350. 0

TARGET NUMBER: 3

FILE DATE: 04/28/2005

FILE TIME: 05:52

POINT#	X	Y
1:	0.786	-1.267
2:	0.176	-1.168
3:	-0.092	-1.134
4:	-1.608	-0.927
5:	0.400	1.071
6:	0.101	0.782
7:	0.108	0.180
8:	-0.300	0.446
9:	-1.054	1.707
10:	-0.171	0.573

X CENTROID: -0.165

Y CENTROID: 0.026

POA TO CENTROID: 0.167

HORZ SPREAD: 2.394

VERT SPREAD: 2.974

GROUP SPREAD: 3.497

MIN RADIUS: 0.314

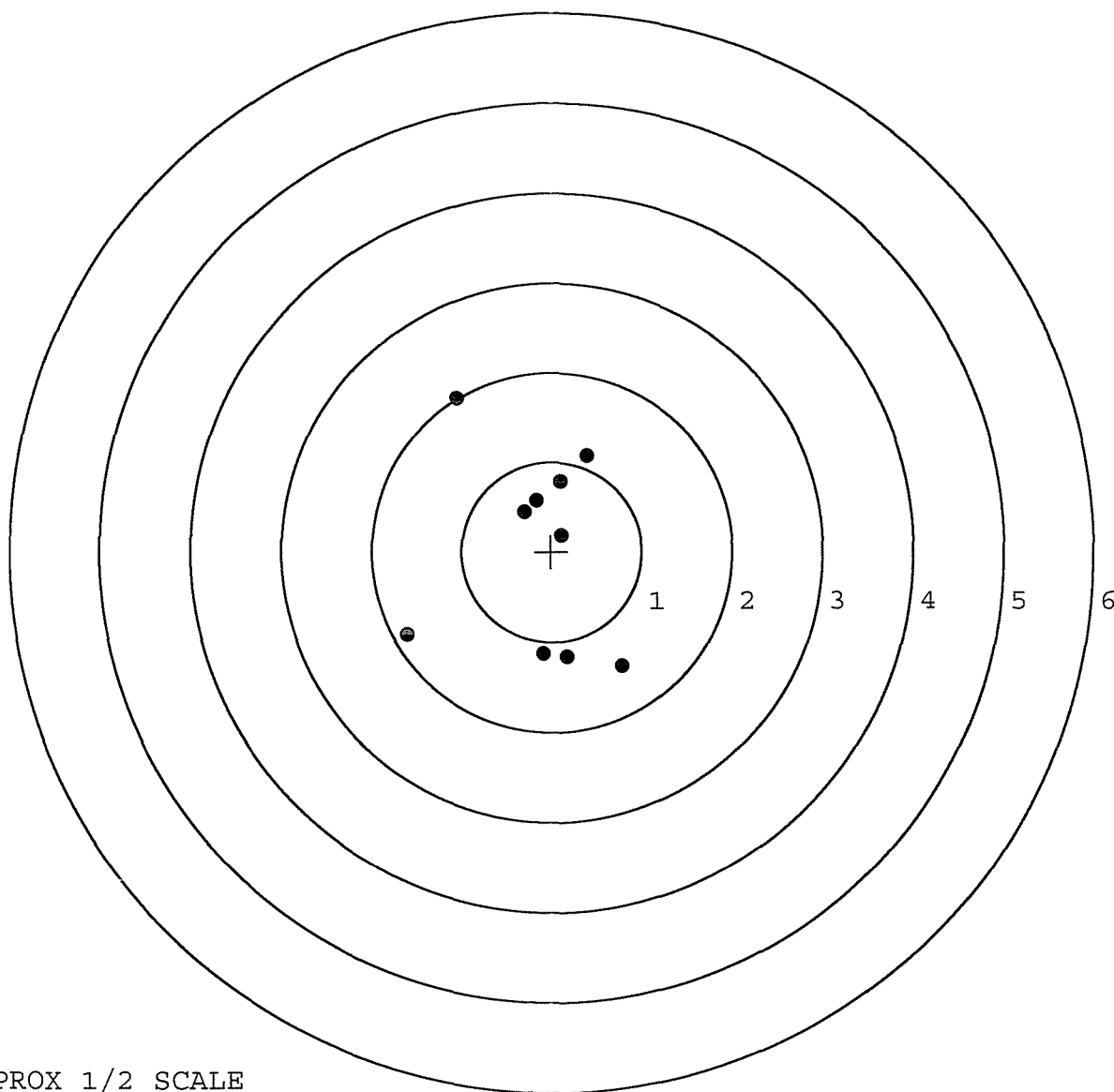
MAX RADIUS: 1.901

MEAN RADIUS: 1.093

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414350. 0

TARGET NUMBER: 4

FILE DATE: 04/28/2005

FILE TIME: 05:52

POINT#	X	Y
1:	0.664	-0.984
2:	-0.579	-1.511
3:	1.022	0.360
4:	0.717	0.047
5:	-0.310	-0.480
6:	0.293	-0.354
7:	0.396	0.056
8:	0.217	0.219
9:	-0.086	0.214
10:	-0.186	-0.045

X CENTROID: 0.215

Y CENTROID: -0.248

POA TO CENTROID: 0.328

HORZ SPREAD: 1.601

VERT SPREAD: 1.871

GROUP SPREAD: 2.462

MIN RADIUS: 0.132

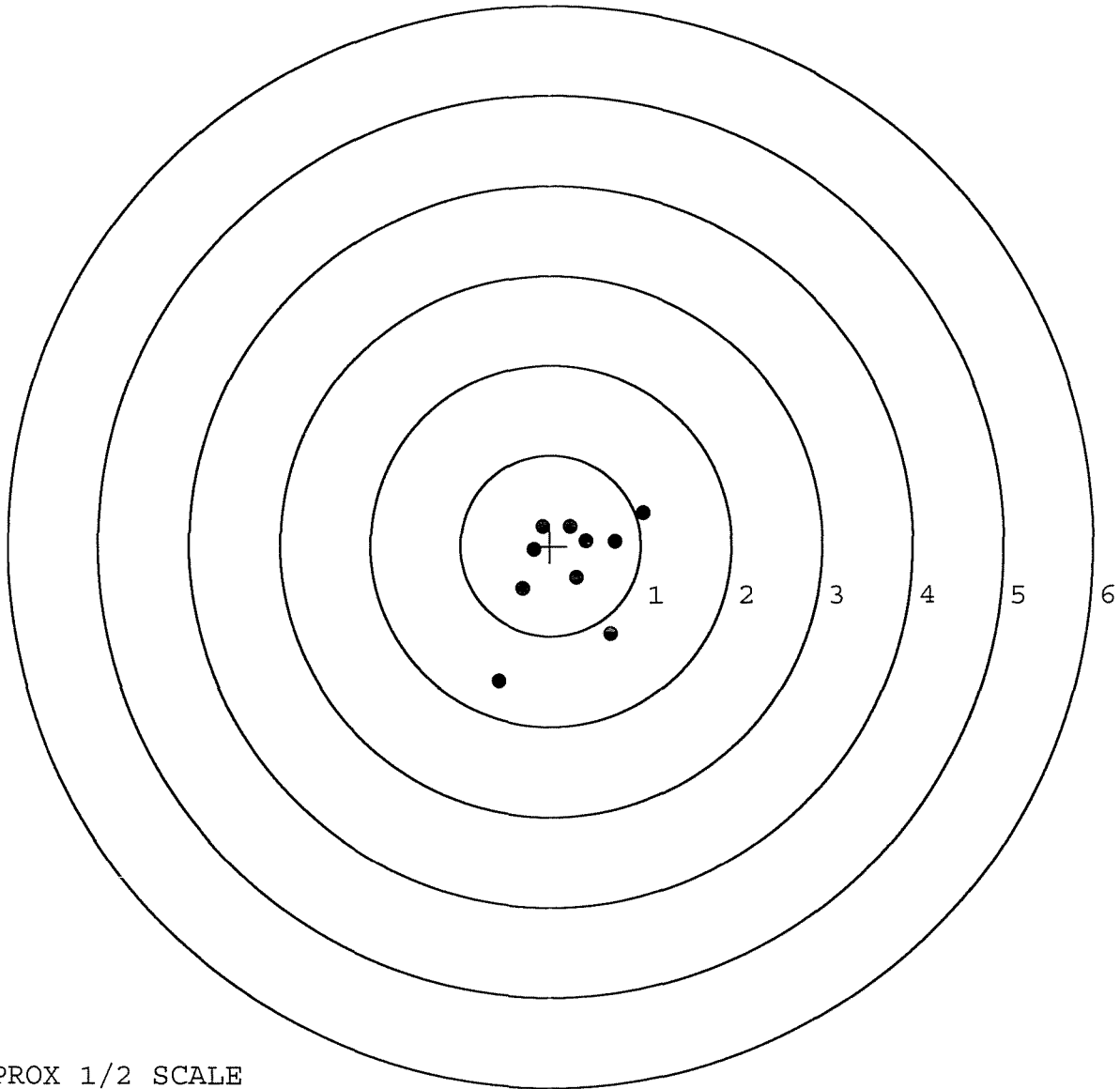
MAX RADIUS: 1.492

MEAN RADIUS: 0.647

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414350. __0

TARGET NUMBER: 5

FILE DATE: 04/28/2005

FILE TIME: 05:52

POINT#	X	Y
1:	1.460	1.154
2:	1.104	0.041
3:	0.179	0.811
4:	-0.156	0.432
5:	0.217	-0.078
6:	0.267	-0.668
7:	0.142	-0.507
8:	-0.501	-0.514
9:	-0.775	-1.180
10:	-1.560	-0.282

X CENTROID: 0.038

Y CENTROID: -0.079

POA TO CENTROID: 0.088

HORZ SPREAD: 3.020

VERT SPREAD: 2.334

GROUP SPREAD: 3.344

MIN RADIUS: 0.179

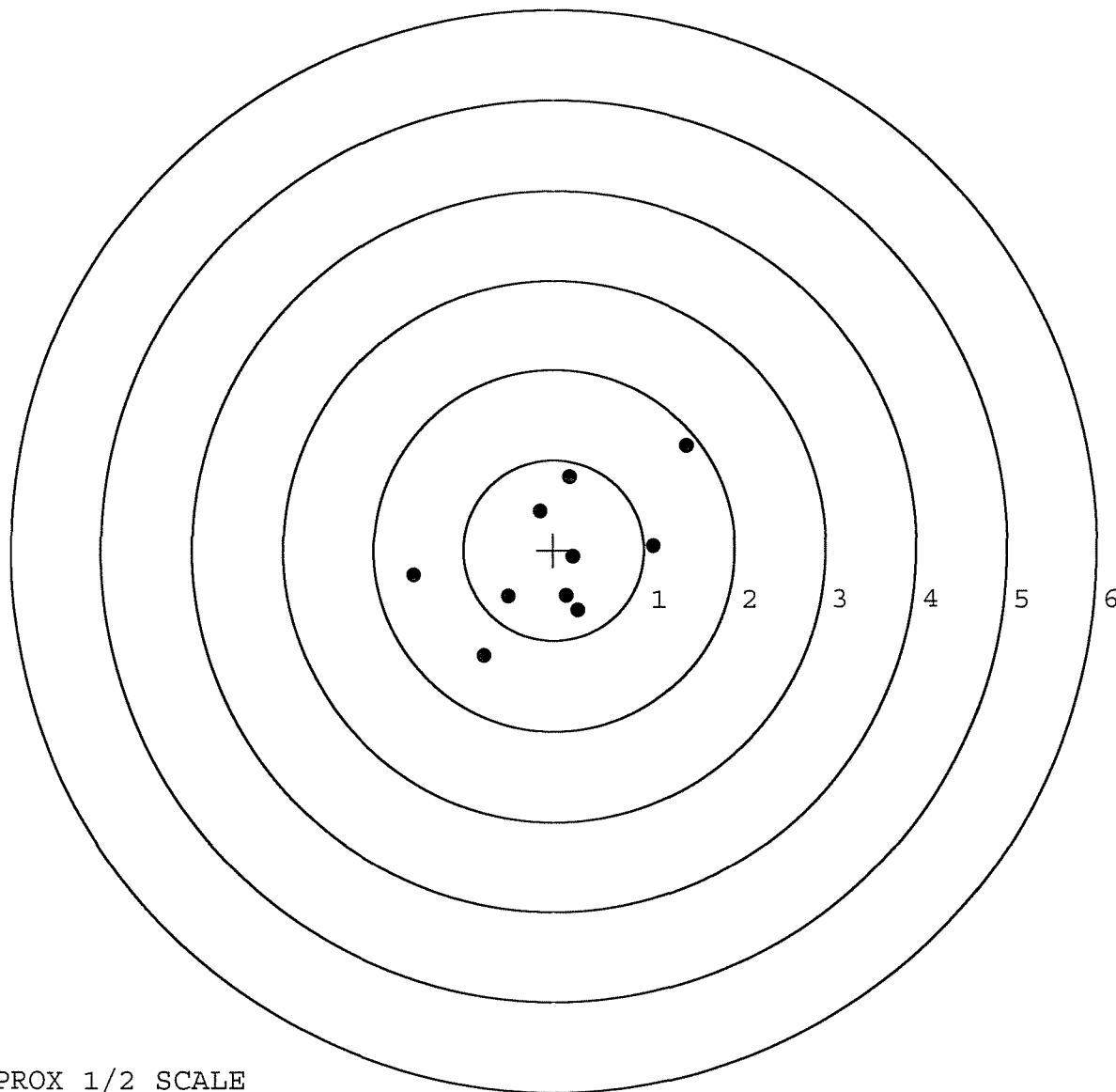
MAX RADIUS: 1.882

MEAN RADIUS: 0.933

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE 4-8-05

TESTER TRL

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.40	2.57		2.36	
PULL #2	2.54	2.59		2.11	
PULL #3	2.64	2.62		2.10	
PULL #4	2.54	2.71		2.10	
PULL #5	2.63	2.63		2.04	
TOTAL	12.75	13.12		10.71	
AVERAGE	2.55	2.63		2.14	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	3.10		
PULL #2	3.04	3.01		
PULL #3	3.09	3.24		
PULL #4	3.15	3.20		
PULL #5	3.09	3.13		
TOTAL	15.49	15.68		
AVERAGE	3.09	3.13		

	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	4.35	4.04		4.19
PULL #2	4.17	4.09		4.08
PULL #3	4.19	4.12		4.09
PULL #4	4.24	3.80		4.12
PULL #5	3.94	4.20		4.10
TOTAL	20.89	20.25		20.58
AVERAGE	4.17	4.05		4.11

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

R & E NUMBER	93618		
SERIAL NUMBER	G6414350		
LOG-IN DATE	4-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-8-05	RTZ
560 A	RE-BARREL	4-11-05 N/A	
B	DRILL AND TAP	4-11-05	TRW
575	ASSEMBLE	4-11-05	RTZ
600	PROOF	4-11-05	RTZ
605	CHECK HEADSPACE	4-11-05	RTZ
610	DIS-ASSEMBLE GUN	4-11-05	RTZ
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	4-12-05	CW
618	ROTO-BLAST	4-18-05	LB
620	APPLY COATINGS	4-25-05	WJ
625 A	FINAL ASSEMBLY	4-28-05	RTZ
B	TRIGGER PULL TEST	5-02-05	TRW
C	SAFETY "ON" FORCE	5-3-05	AC
D	SAFETY "OFF" FORCE	5-3-05	
E	FIRING PIN INDENT	5-3-05	
640	TARGET	4-28-05	TRW
655	FINAL INSPECT	5-3-05	AC
660	PACK	5-5-05	RTZ
		SHIP DATE	
		QAR INSPECTION DATE	