

G 6296786  
Raphae  
E 6413491

01/26/09 11:33:36

**Arms Services Repair & Estimate System**

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

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**Repair Inquiry**

Repair Number: **RE00158816** Serial: **G6296786** Model: **M24 SWS** Center Fire Repairman: \_\_\_\_\_  
 Verity Repair \_\_\_\_\_ Caliber: **7.62 NATO** Status: **Closed 1/14/2009 9:44:51 AM**

**Address Information**

Customer: \_\_\_\_\_ ☒ Received From \_\_\_\_\_ Return To: \_\_\_\_\_ ☐ Received From \_\_\_\_\_  
 Name: **DEPARTMENT OF THE ARMY SUPPLY** **DEPARTMENT OF THE ARMY SUPPLY**  
 Address 1: **B CO 2ND BN 3RD INFANTRY REGIMENT** **B CO 2ND BN 3RD INFANTRY REGIMENT**  
 Address 2: **3RD BRIGADE 2ND INFANTRY** PO Box: \_\_\_\_\_ **3RD BRIGADE 2ND INFANTRY** PO Box: \_\_\_\_\_  
 City: **FORT LEWIS** **FORT LEWIS**  
 State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** Country: **US**  
 FFL: \_\_\_\_\_

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

**Contact Information** **Received Condition** **Accessories Received**

Phone: **NN** Fair  
 Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Comments: \_\_\_\_\_  
 Condition Notes: \_\_\_\_\_  
 CSR Notes: \_\_\_\_\_

| Code | Desc      | Qty |
|------|-----------|-----|
| A010 | Hard Case | 1   |
| A026 | Scope     | 1   |

**Repair Search** **Refresh** **Close**

naglej 1/25/2009 11:33 AM CAPS NUM INS SCPL

start | Inbox - Micros... | FW: Request... | Iron 19 Feb... | (UNCLASSIFIED... | Microsoft Exc... | Arms Services... |

Serial Number: **G6296786**

Model: **M24 SWS**



**RE00158816**

*B: Pool*

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*Iron Sights*  
*Flash Suppressor*

## EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |                                    |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------|-------------------------------------------|
| 1. ORGANIZATION<br><i>A 10 2/3 INF</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |                                    |          | 2. NOMENCLATURE AND MODEL<br><i>M24 SHS</i>                                                                                                                                                                                                                                                                                                             |               |                             |                                           |
| 3. REGISTRATION/SERIAL/NSN<br><i>G4296786</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             | 4a. MILES                          | b. HOURS | c. ROUNDS FIRED                                                                                                                                                                                                                                                                                                                                         | d. HOT STARTS | 5. DATE<br><i>05 Jan 69</i> | 6. TYPE INSPECTION<br><i>PMIS/Turn-in</i> |
| 7. APPLICABLE REFERENCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                                    |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |
| TM NUMBER<br><i>9-1005-300-10</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | TM DATE<br><i>04/2003</i>          |          | TM NUMBER                                                                                                                                                                                                                                                                                                                                               |               | TM DATE                     |                                           |
| COLUMN a - Enter TM item number.<br>COLUMN b - Enter the applicable condition status symbol.<br>COLUMN c - Enter deficiencies and shortcomings.                                                                                                                                                                                                                                                                                                                                                                                        |             |                                    |          | COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.<br>COLUMN e - Individual ascertaining completed corrective action initial in this column.                                                                                                                                                                           |               |                             |                                           |
| STATUS SYMBOLS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                                    |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |
| "X" - Indicates a deficiency in the equipment that places it in an inoperable status.<br><br>CIRCLED "X" - Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.<br><br>HORIZONTAL DASH "(-)" - Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished. |             |                                    |          | DIAGONAL "(/)" - Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.<br><br>LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists.<br><br>FOR AIRCRAFT - Status symbols will be recorded in red. |               |                             |                                           |
| ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.                                                                                                                                                                                                                                                                                                                                                                     |             |                                    |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |
| 8a. SIGNATURE (Person(s) performing inspection)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 8b. TIME                           |          | 9a. SIGNATURE (Maintenance Supervisor)                                                                                                                                                                                                                                                                                                                  |               | 9b. TIME                    |                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |                                    |          |                                                                                                                                                                                                                                                                                                                                                         |               | 10. MANHOURS REQUIRED       |                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |                                    |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |
| TM ITEM NO<br>a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | STATUS<br>b | DEFICIENCIES AND SHORTCOMINGS<br>c |          | CORRECTIVE ACTION<br>d                                                                                                                                                                                                                                                                                                                                  |               | INITIAL WHEN CORRECTED<br>e |                                           |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | Missing Sling # 7141245            |          | ✓                                                                                                                                                                                                                                                                                                                                                       |               |                             |                                           |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | Missing Day Optic Sight CASE       |          | ✓                                                                                                                                                                                                                                                                                                                                                       |               |                             |                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | PT # 960081                        |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | Missing Day optic Sight            |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | Adj. Dial JUST COVER X 3           |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | Part # 96042                       |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | Missing Front and Rear             |          | ✓                                                                                                                                                                                                                                                                                                                                                       |               |                             |                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | Iron sights                        |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | Missing Flash suppressor           |          | ✓                                                                                                                                                                                                                                                                                                                                                       |               |                             |                                           |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | Bolt release mechanism             |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | sticks                             |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |                                    |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |                                    |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |                                    |          |                                                                                                                                                                                                                                                                                                                                                         |               |                             |                                           |

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

*[Handwritten signature]*

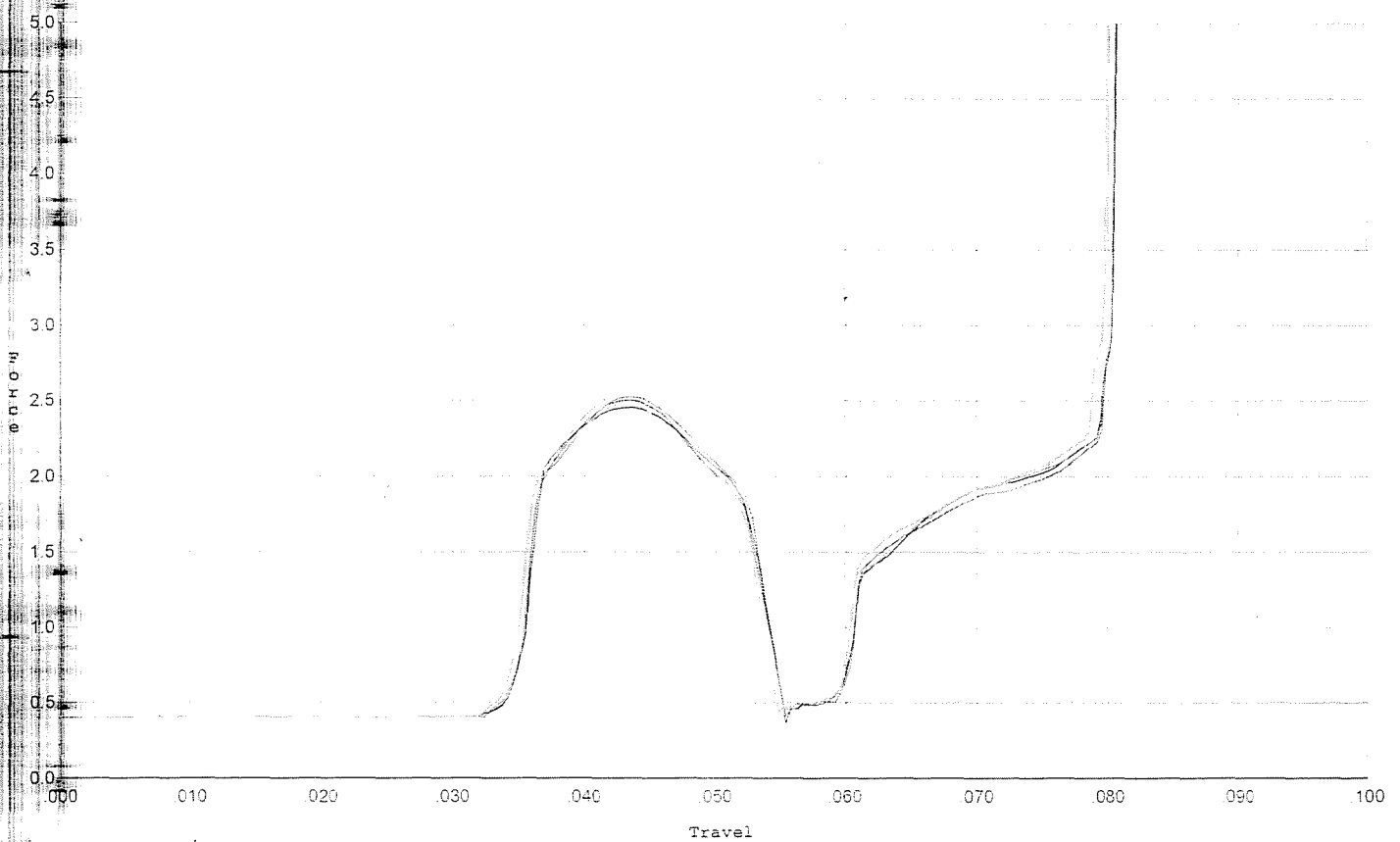
R & E NUMBER 158816  
SERIAL NUMBER G-6296286  
LOG-IN DATE 1-14-09

| OPERATION # | OPERATION NAME       |                                           | DATE                             | INITIAL |
|-------------|----------------------|-------------------------------------------|----------------------------------|---------|
| 500         | DIS-ASSEMBLE GUN     |                                           | 1-27-09                          | RT      |
| 505         | RE-BARREL            |                                           | 1-29-09                          | RT      |
| 560         | ASSEMBLE             |                                           | 1-29-09                          | RT      |
| 600         | PROOF                |                                           | 1-29-09                          | A.P.D.  |
| 605         | CHECK HEADSPACE      |                                           | 1-29-09                          | A.P.D.  |
| 610         | DIS-ASSEMBLE GUN     |                                           | 1-29-09                          | A.P.D.  |
| 612         | MAGNAFLUX            | <i>[Handwritten circle with 'N']</i>      | 2/2/09                           |         |
| 510         | DRILL AND TAP        |                                           | 1-30-09                          | SP      |
| 615         | ROLLMARK CALIBER     |                                           | 2/2/09                           | RT      |
| 618         | ROTO-BLAST           |                                           | 2/2/09                           | Hand    |
| 620         | APPLY COATINGS       |                                           | 2-5                              |         |
| 625         | FINAL ASSEMBLY       |                                           | 2-9-09                           | RT      |
| 640         | FUNCTION TEST AND    | PASS FAIL                                 | 2-10-09                          | TL      |
| 650         | TARGET               | PASS FAIL                                 | 2-10-09                          | TL      |
|             | MALFUNCTION          | CORRECTION                                |                                  |         |
|             | MALFUNCTION          | CORRECTION                                |                                  |         |
|             | MALFUNCTION          | CORRECTION                                |                                  |         |
|             | MALFUNCTION          | CORRECTION                                | 2-10-09                          | W N     |
| 670         | FINAL INSPECTION     |                                           | 2-10-09                          | W N     |
|             | A) HEADSPACE         | PASS FAIL                                 | 2-10-09                          | W N     |
|             | B) TRIGGER PULL      | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 2.22 2.17 2.19 2.22 2.27 2-10-09 | W N     |
| 680         | F) SAFETY ON FORCE   | 2 LBS MIN<br>10 LBS MAX                   | 3.0 3.0 3.0 2-10-09              | W N     |
|             | G) SAFETY OFF FORCE  | 2 LBS<br>MIN                              | 4.0 4.0 4.0 2-10-09              | W N     |
|             | I) FIRING PIN INDENT | .020                                      | .023 .023 .024 2-10-09           | W N     |
| 690         | PACK                 |                                           | 1-31-09                          | Fm      |

# Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: 1/20/09

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



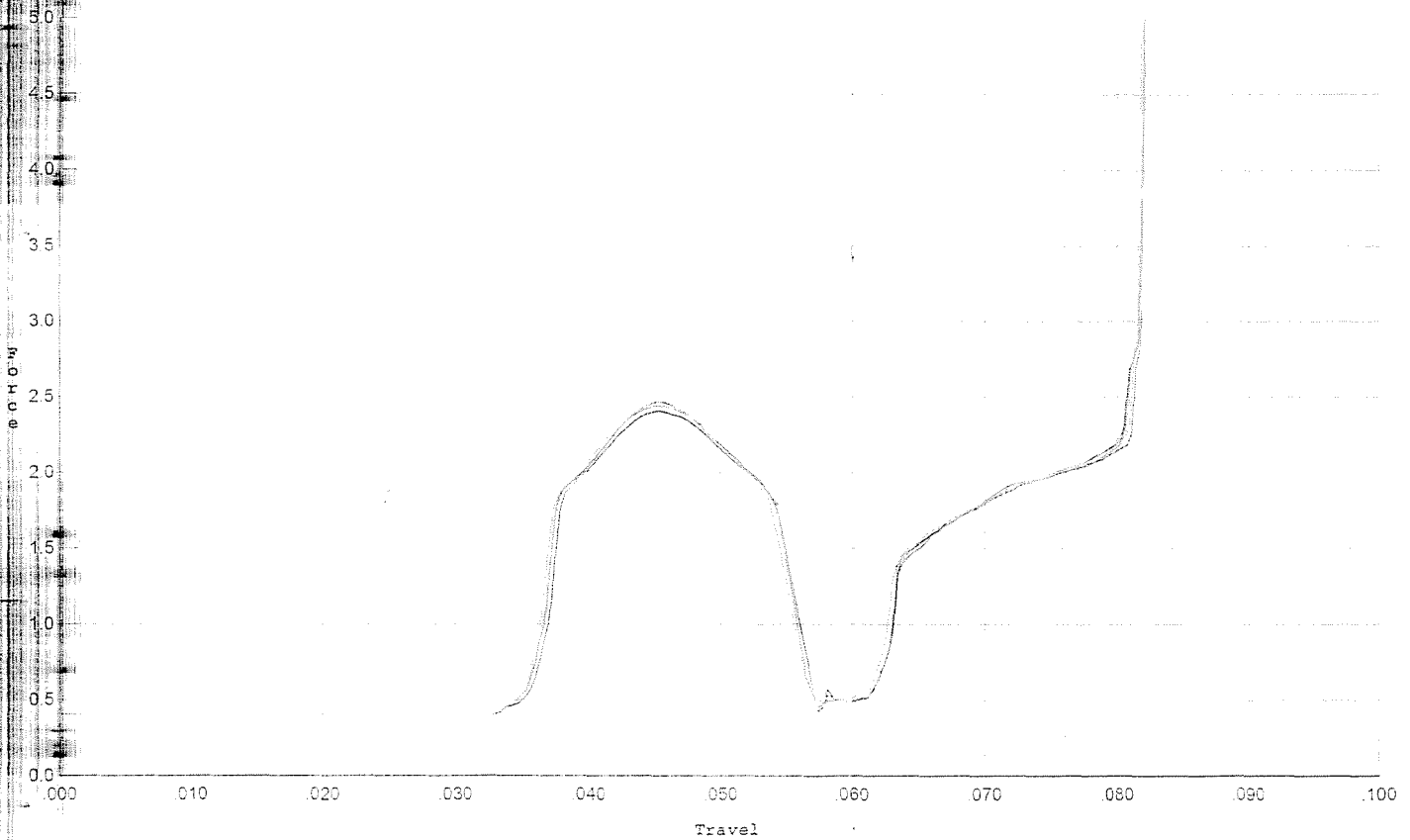
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.501      | 0.054             | 0.035           | 0.034      | 0.053             |           | Set Trigger |
| 2 | 2.453      | 0.053             | 0.034           | 0.034      | 0.053             |           | Set Trigger |
| 3 | 2.523      | 0.053             | 0.035           | 0.034      | 0.053             |           | Set Trigger |
| 4 | 2.478      | 0.052             | 0.034           | 0.034      | 0.053             |           | Set Trigger |
| 5 | 2.546      | 0.052             | 0.034           | 0.034      | 0.053             |           | Set Trigger |

Avg 2.50

# Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: 1/20/09

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



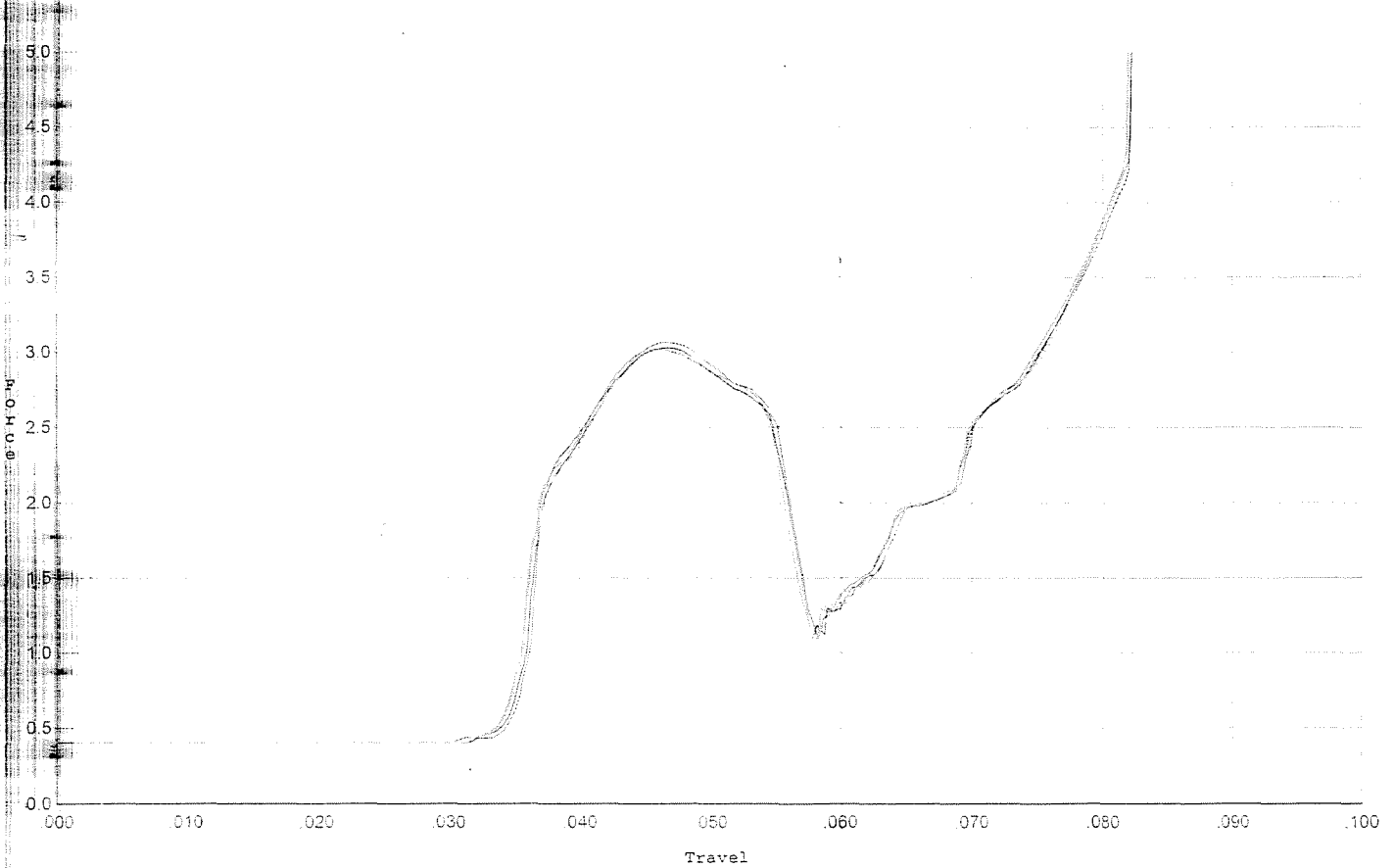
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.466      | 0.054             | 0.036           | 0.034      | 0.054             |           | Set Trigger |
| 2 | 2.405      | 0.054             | 0.036           | 0.034      | 0.053             |           | Set Trigger |
| 3 | 2.439      | 0.054             | 0.036           | 0.034      | 0.053             |           | Set Trigger |
| 4 | 2.453      | 0.054             | 0.036           | 0.034      | 0.053             |           | Set Trigger |
| 5 | 2.442      | 0.055             | 0.036           | 0.034      | 0.054             |           | Set Trigger |

AUG 244

# Trigger Profile [ lbs,inch ]

Profile  
GunType: Rifle  
Make: Remington  
Note: 1/20/09

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



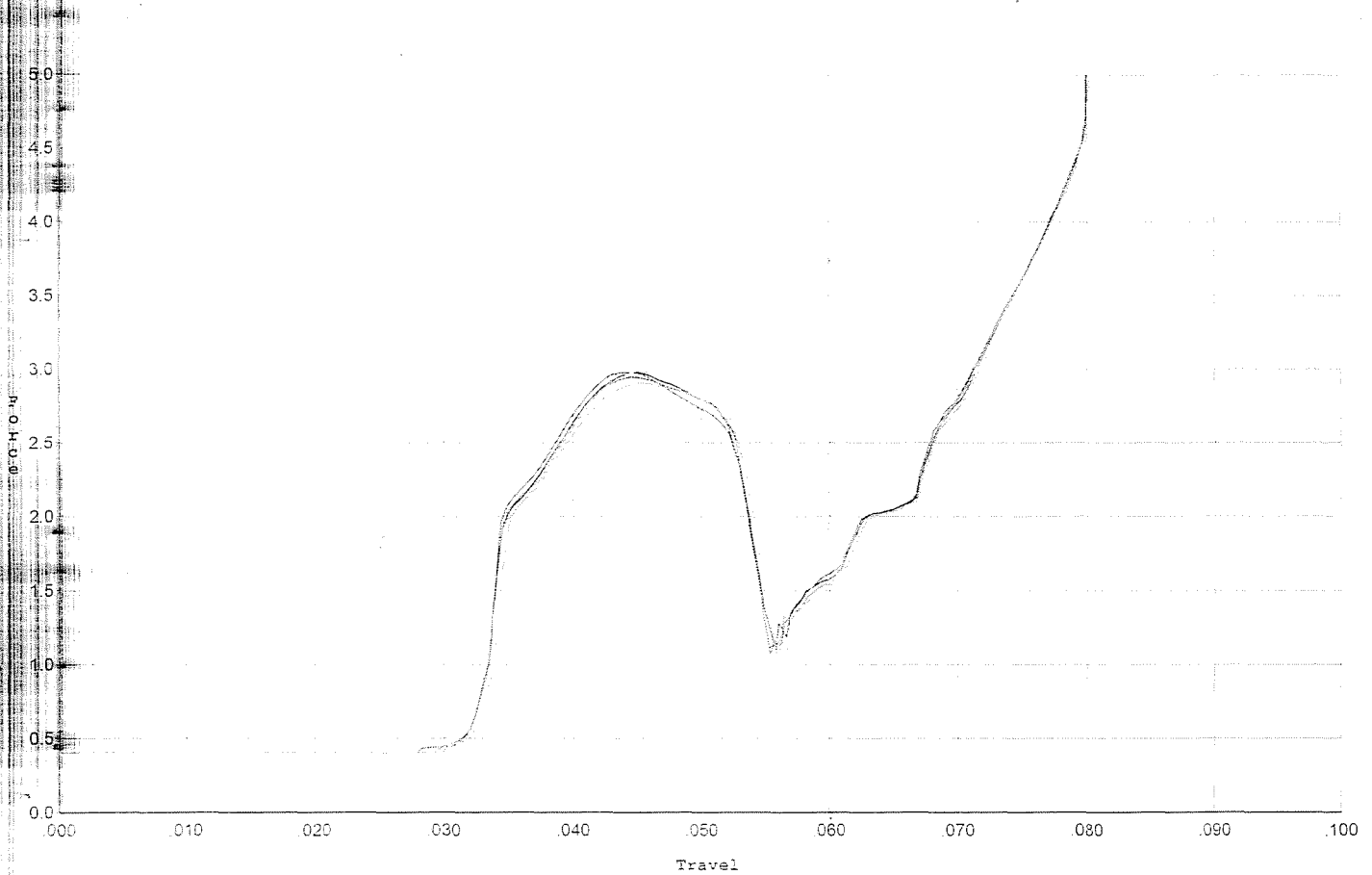
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.066      | 0.055             | 0.035           | 0.032      | 0.067             |           | Set Trigger |
| 2 | 3.028      | 0.056             | 0.035           | 0.032      | 0.068             |           | Set Trigger |
| 3 | 3.019      | 0.055             | 0.034           | 0.032      | 0.067             |           | Set Trigger |
| 4 | 3.047      | 0.055             | 0.035           | 0.032      | 0.068             |           | Set Trigger |
| 5 | 3.016      | 0.055             | 0.034           | 0.032      | 0.066             |           | Set Trigger |

Avg 3.03

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: 1/20/09

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 | 2.977      | 0.053             | 0.032           | 0.032      | 0.065             |           | Set Trigger |
| 2 | 2.977      | 0.053             | 0.032           | 0.032      | 0.065             |           | Set Trigger |
| 3 | 2.945      | 0.053             | 0.032           | 0.032      | 0.065             |           | Set Trigger |
| 4 | 2.903      | 0.053             | 0.032           | 0.032      | 0.064             |           | Set Trigger |
| 5 | 2.983      | 0.054             | 0.033           | 0.032      | 0.066             |           | Set Trigger |

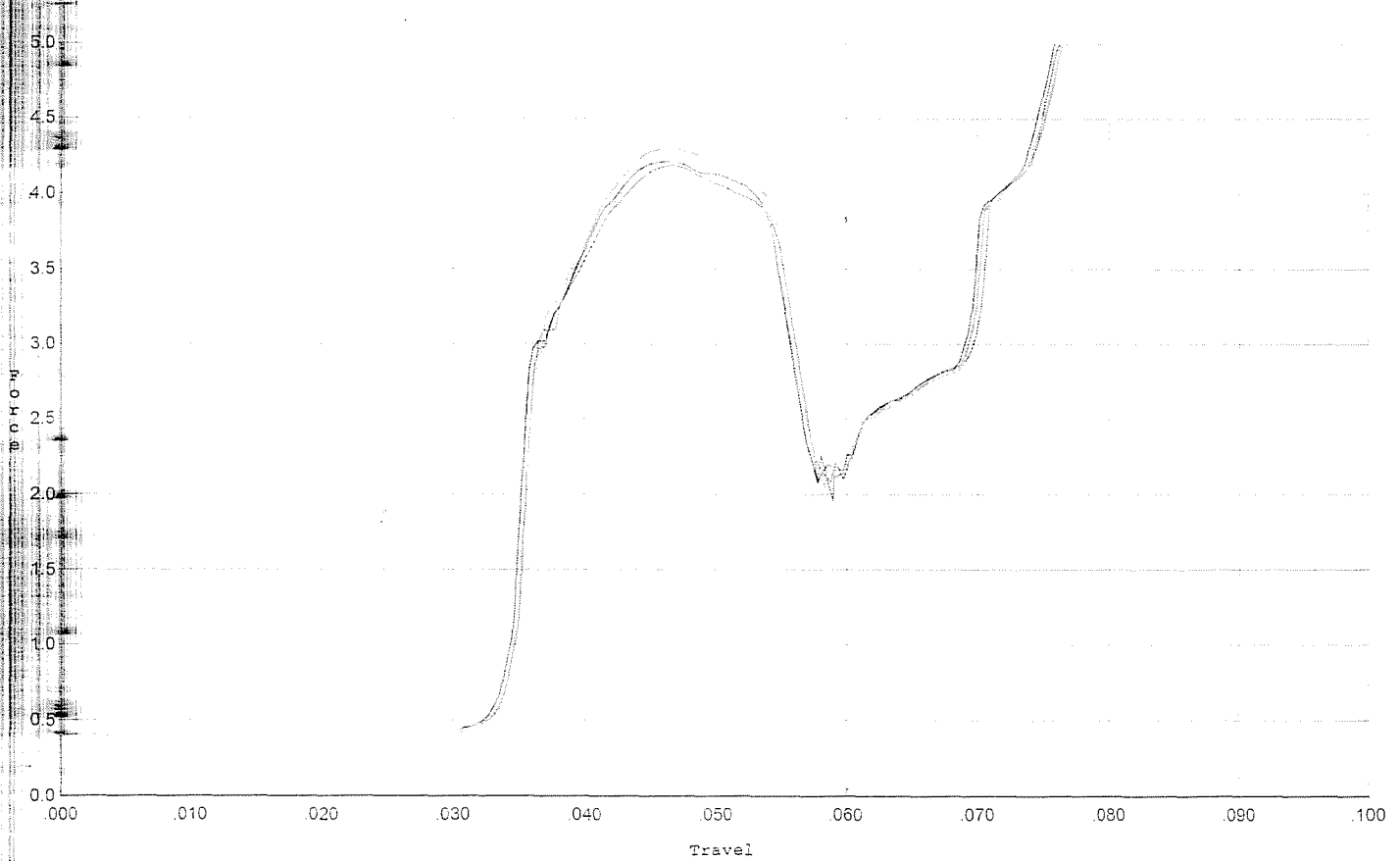
Avg 2.95



# Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: 1/20/09

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



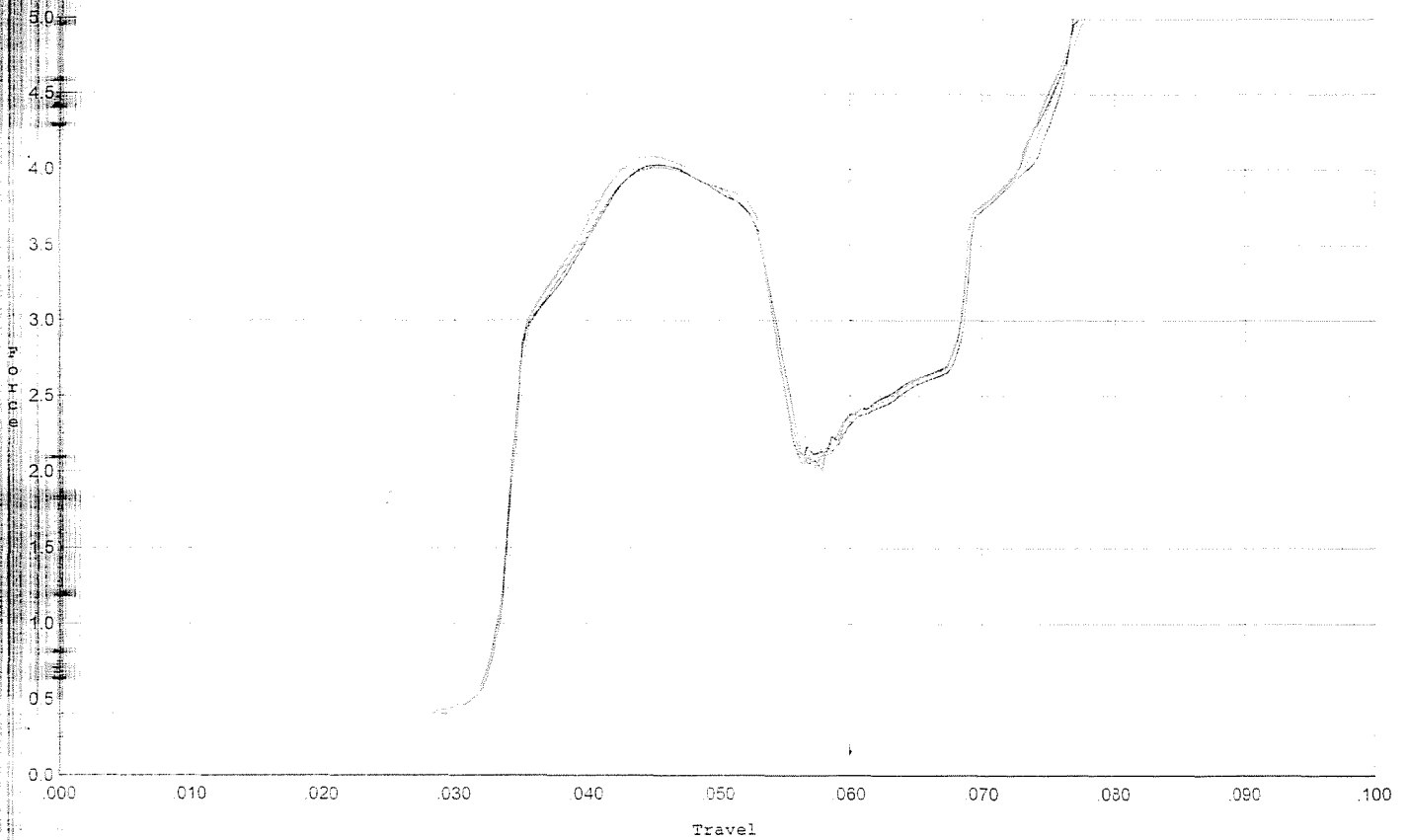
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.190      | 0.055             | 0.034           | 0.026      | 0.092             |           | Set Trigger |
| 2 | 4.214      | 0.054             | 0.033           | 0.026      | 0.091             |           | Set Trigger |
| 3 | 4.301      | 0.055             | 0.034           | 0.026      | 0.093             |           | Set Trigger |
| 4 | 4.303      | 0.055             | 0.034           | 0.026      | 0.093             |           | Set Trigger |
| 5 | 4.210      | 0.054             | 0.034           | 0.027      | 0.090             |           | Set Trigger |

Aug 4.24

# Trigger Profile [ lbs,inch ]

Profile  
GunType: SWS  
Make: Rifle  
Note: Remington  
1/20/09

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



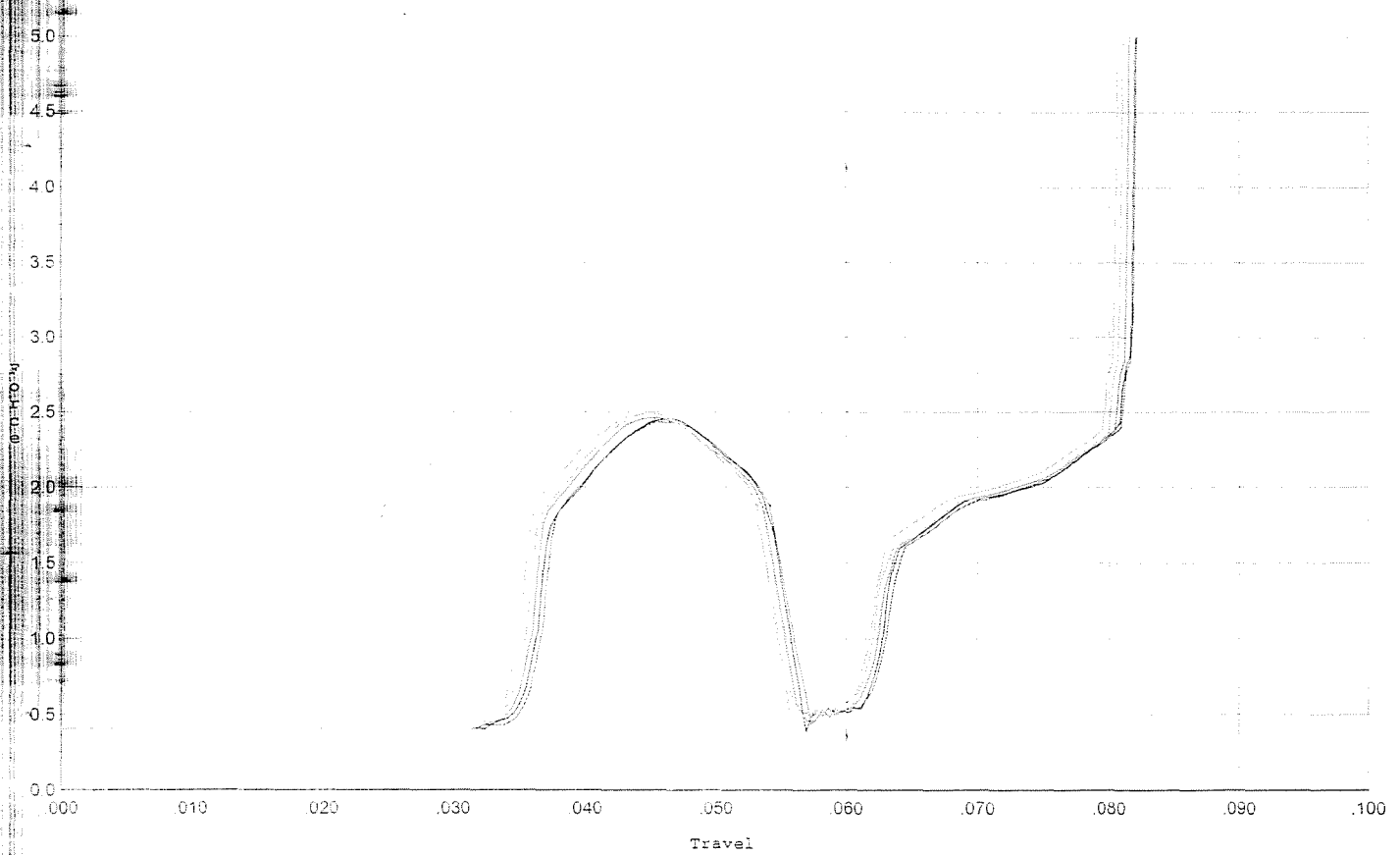
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.013      | 0.053             | 0.032           | 0.030      | 0.086             |           | Set Trigger |
| 2 | 4.030      | 0.053             | 0.033           | 0.030      | 0.086             |           | Set Trigger |
| 3 | 4.082      | 0.053             | 0.032           | 0.030      | 0.086             |           | Set Trigger |
| 4 | 4.090      | 0.053             | 0.032           | 0.030      | 0.087             |           | Set Trigger |
| 5 | 4.055      | 0.054             | 0.033           | 0.030      | 0.087             |           | Set Trigger |

Aug 4.05

# Trigger Profile [ lbs,inch ]

Profile: SWS  
 GunType: Rifle  
 Make: Remington  
 Note: 1/20/09

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



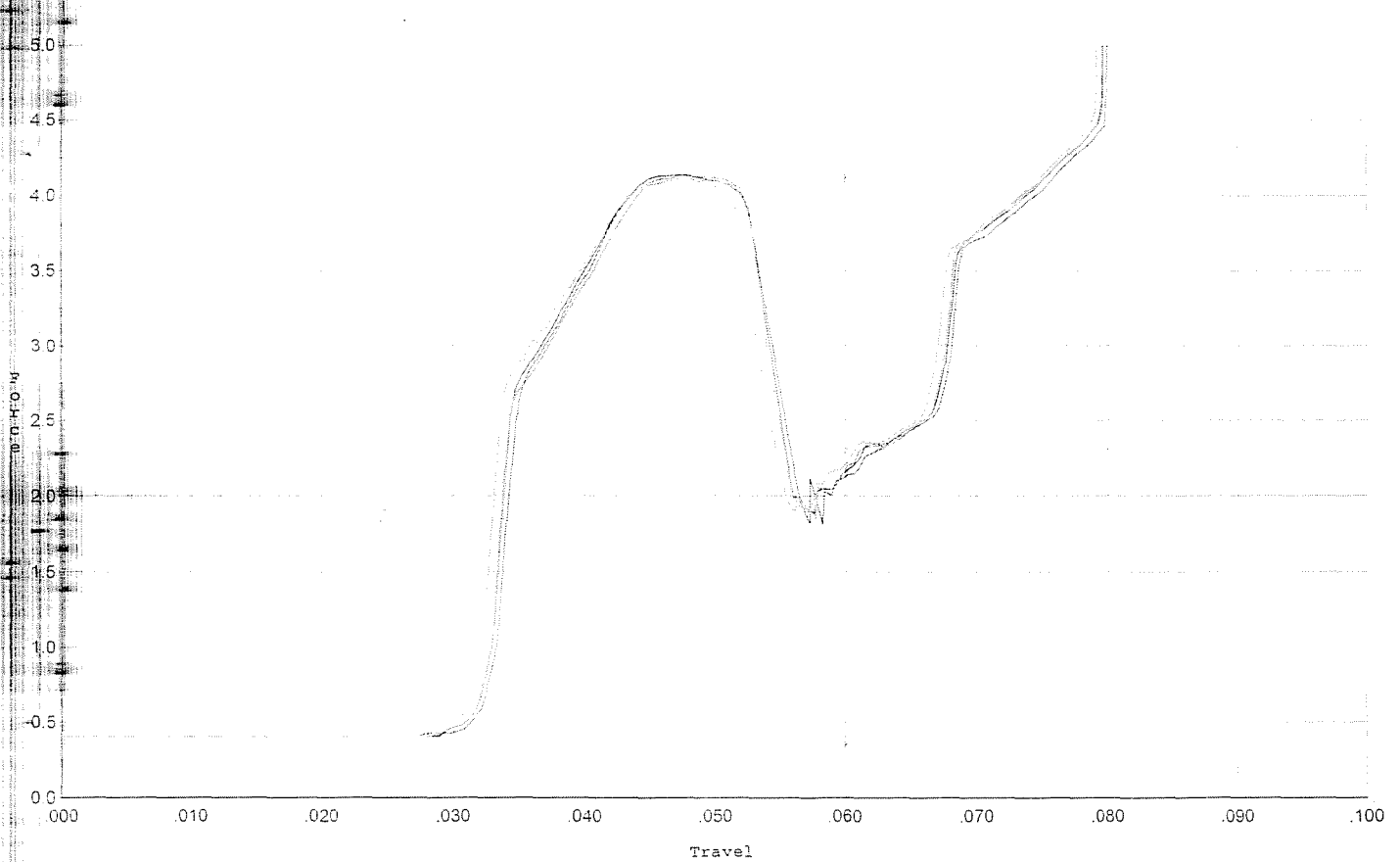
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.433      | 0.054             | 0.035           | 0.034      | 0.054             |           | Set Trigger |
| 2 | 2.455      | 0.054             | 0.035           | 0.034      | 0.054             |           | Set Trigger |
| 3 | 2.459      | 0.054             | 0.035           | 0.034      | 0.054             |           | Set Trigger |
| 4 | 2.480      | 0.053             | 0.035           | 0.034      | 0.054             |           | Set Trigger |
| 5 | 2.494      | 0.053             | 0.034           | 0.034      | 0.056             |           | Set Trigger |

Avg 2.46

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: 1/20/09

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 | 4.139      | 0.053             | 0.032           | 0.030      | 0.086             |           | Set Trigger |
| 2 | 4.137      | 0.053             | 0.032           | 0.030      | 0.087             |           | Set Trigger |
| 3 | 4.113      | 0.053             | 0.032           | 0.030      | 0.086             |           | Set Trigger |
| 4 | 4.164      | 0.054             | 0.032           | 0.030      | 0.089             |           | Set Trigger |
| 5 | 4.113      | 0.052             | 0.031           | 0.030      | 0.085             |           | Set Trigger |

Avg 4.13

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296786.\_\_\_0  
FILE DATE AND TIME: 02/10/2009 11:37

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.046 |
| The Average Y Centroid of the Five Target Set:              | -0.011 |
| The Average Point of Impact of the Five Target Set:         | 0.048  |
| The Average Mean Radius of the Five Target Set:             | 0.497  |
| The Distance from POA to Centroid Target #1:                | 0.156  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.365  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.130  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.263  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.271  |

SERIAL NUMBER: G6296786. \_\_0

TARGET NUMBER: 1

FILE DATE: 02/10/2009

FILE TIME: 11:37

X CENTROID: 0.152

Y CENTROID: -0.032

POA TO CENTROID: 0.156

HORZ SPREAD: 1.177

VERT SPREAD: 1.316

GROUP SPREAD: 1.322

MIN RADIUS: 0.150

MAX RADIUS: 0.793

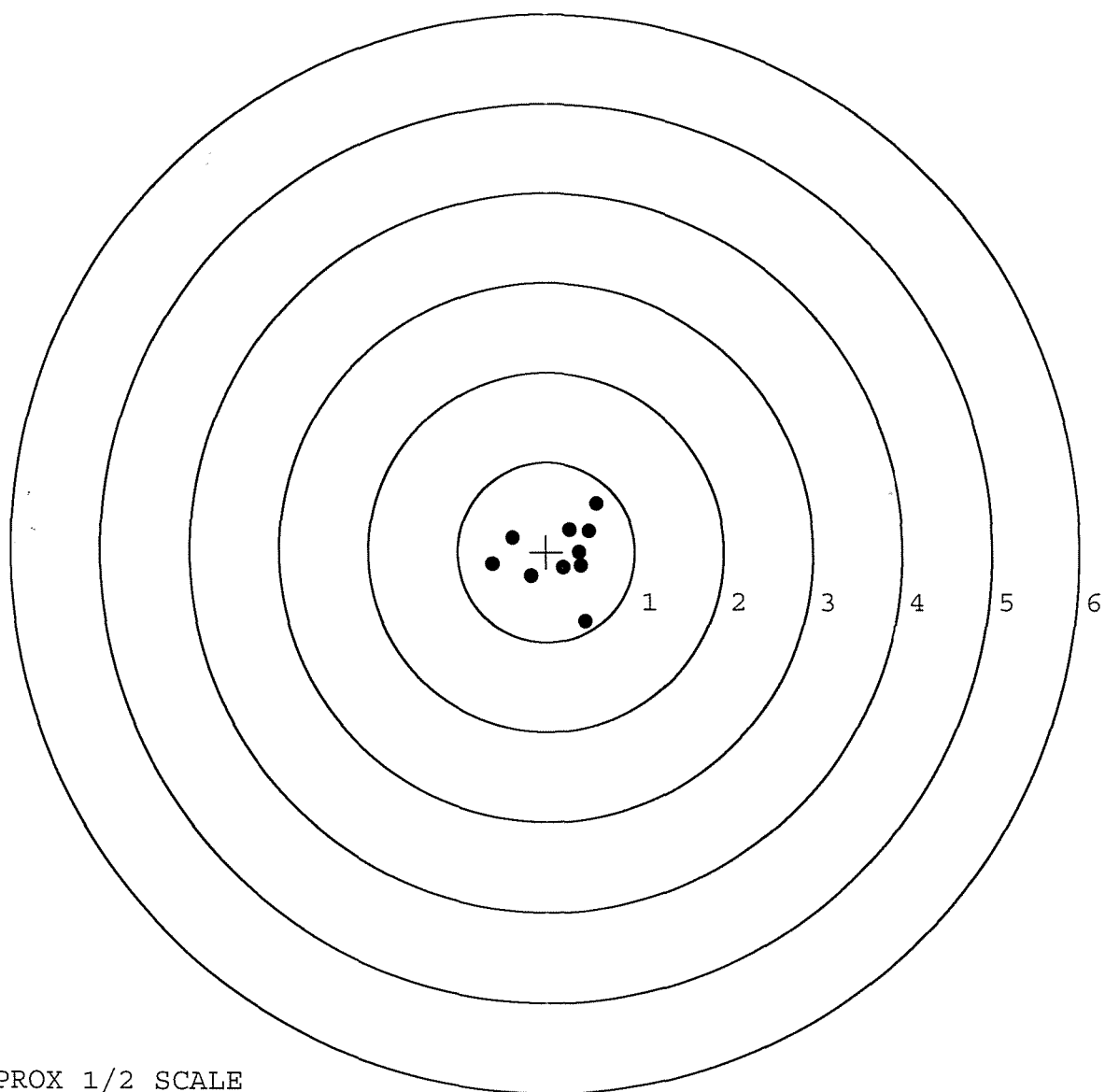
MEAN RADIUS: 0.461

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.436  | -0.773 |
| 2:     | 0.566  | 0.543  |
| 3:     | -0.384 | 0.158  |
| 4:     | 0.260  | 0.250  |
| 5:     | -0.611 | -0.138 |
| 6:     | -0.175 | -0.269 |
| 7:     | 0.483  | 0.234  |
| 8:     | 0.369  | 0.002  |
| 9:     | 0.390  | -0.151 |
| 10:    | 0.189  | -0.178 |

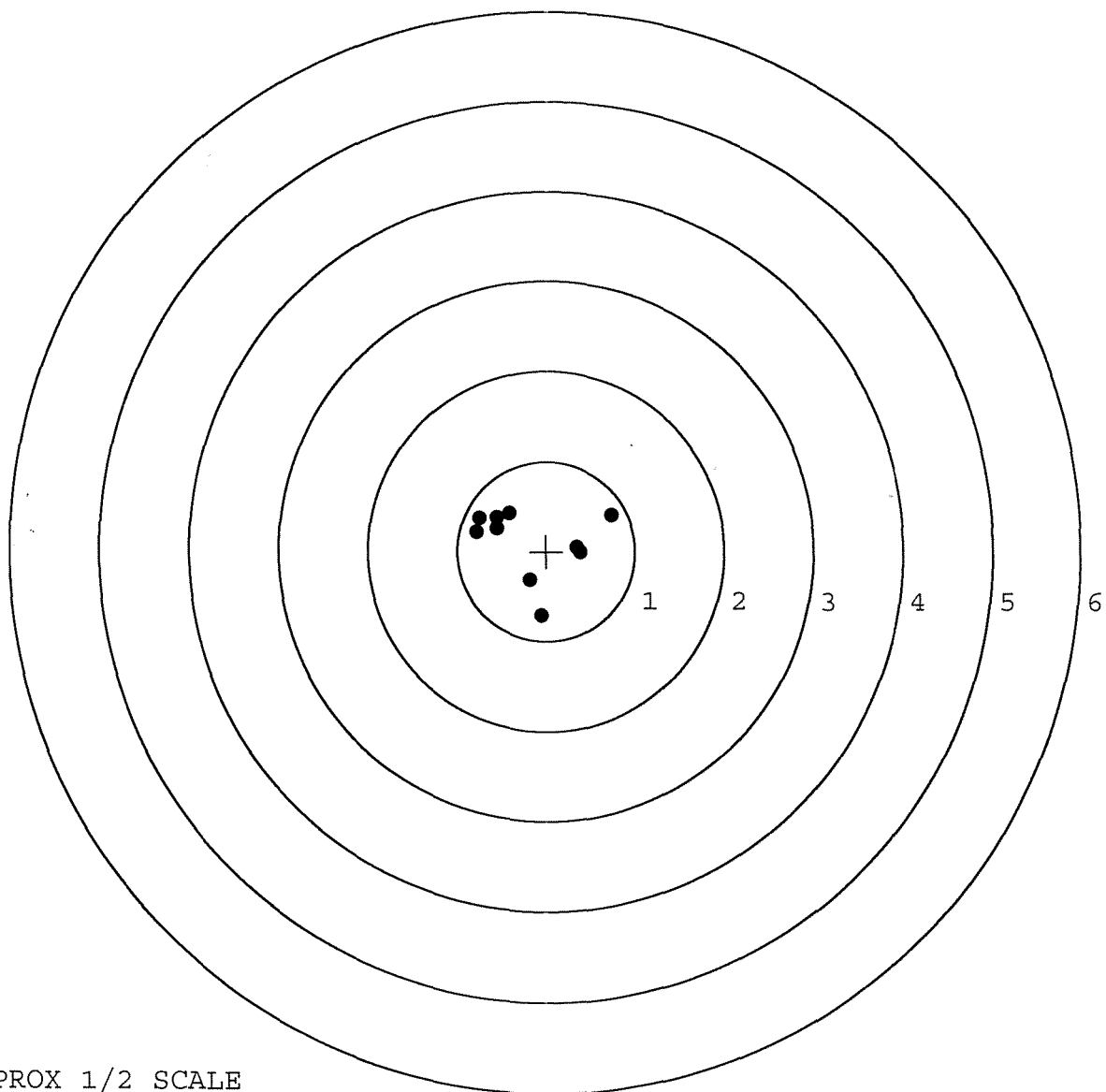


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296786. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 02/10/2009  
FILE TIME: 11:37

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.057 | -0.723 |
| 2:     | 0.386  | -0.011 |
| 3:     | 0.344  | 0.050  |
| 4:     | -0.189 | -0.321 |
| 5:     | 0.733  | 0.410  |
| 6:     | -0.749 | 0.369  |
| 7:     | -0.782 | 0.214  |
| 8:     | -0.561 | 0.376  |
| 9:     | -0.423 | 0.425  |
| 10:    | -0.561 | 0.259  |

X CENTROID: -0.186  
Y CENTROID: 0.105  
POA TO CENTROID: 0.213  
HORZ SPREAD: 1.515  
VERT SPREAD: 1.148  
GROUP SPREAD: 1.528  
MIN RADIUS: 0.398  
MAX RADIUS: 0.968  
MEAN RADIUS: 0.584  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296786. 0

TARGET NUMBER: 3

FILE DATE: 02/10/2009

FILE TIME: 11:37

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.335  | 0.922  |
| 2:     | -0.010 | 0.494  |
| 3:     | -0.573 | 0.460  |
| 4:     | 0.250  | 0.448  |
| 5:     | 0.424  | -0.114 |
| 6:     | -0.148 | -1.086 |
| 7:     | 0.007  | -0.479 |
| 8:     | -0.026 | -0.338 |
| 9:     | -0.115 | -0.177 |
| 10:    | 0.128  | -0.088 |

X CENTROID: 0.027

Y CENTROID: 0.004

POA TO CENTROID: 0.028

HORZ SPREAD: 0.997

VERT SPREAD: 2.008

GROUP SPREAD: 2.065

MIN RADIUS: 0.137

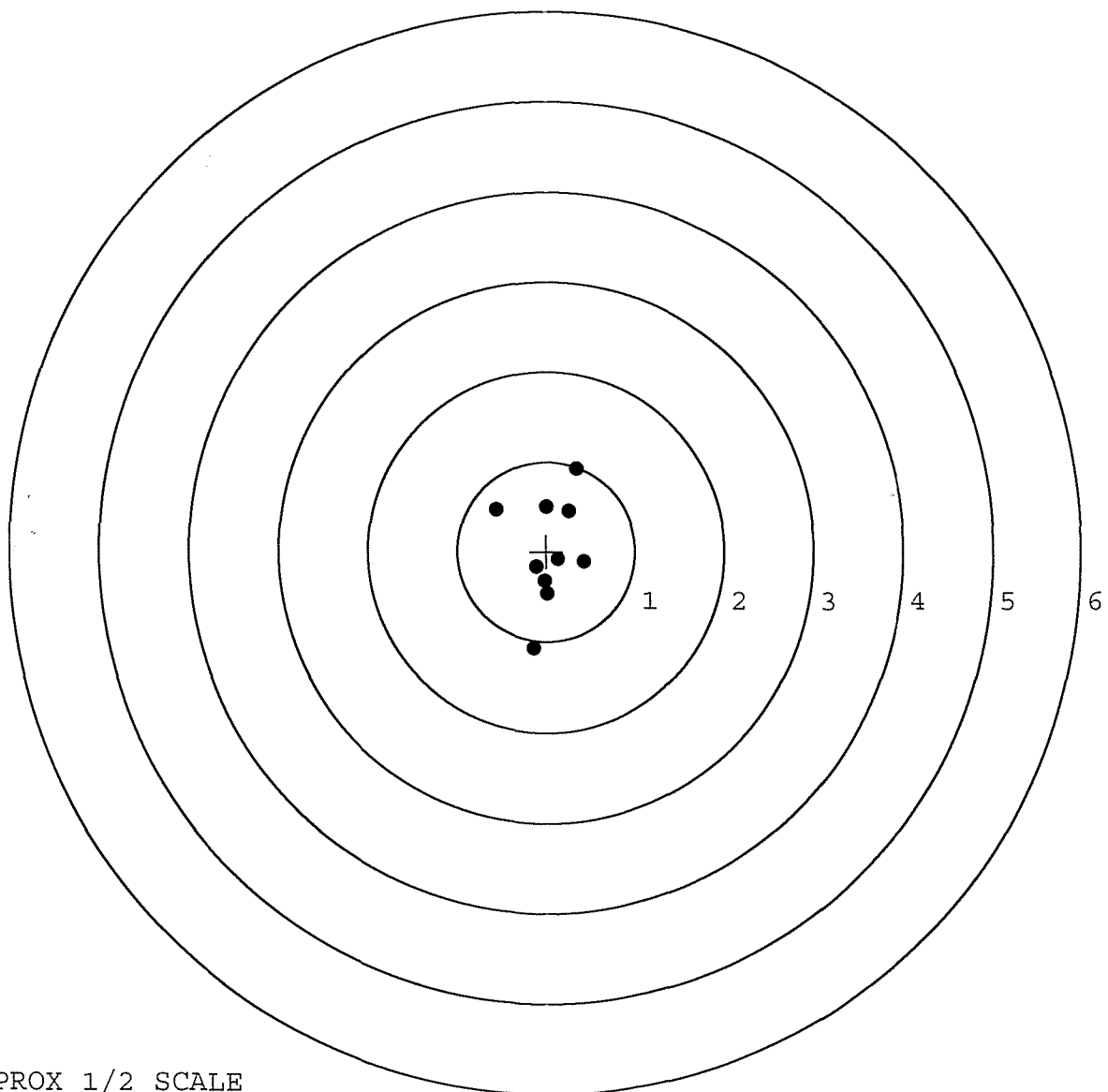
MAX RADIUS: 1.104

MEAN RADIUS: 0.542

# IN 1 IN DIAMETER: 7

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



SERIAL NUMBER: G6296786. 0

TARGET NUMBER: 4

FILE DATE: 02/10/2009

FILE TIME: 11:37

X CENTROID: -0.107

Y CENTROID: -0.077

POA TO CENTROID: 0.132

HORZ SPREAD: 1.712

VERT SPREAD: 1.316

GROUP SPREAD: 1.718

MIN RADIUS: 0.075

MAX RADIUS: 1.014

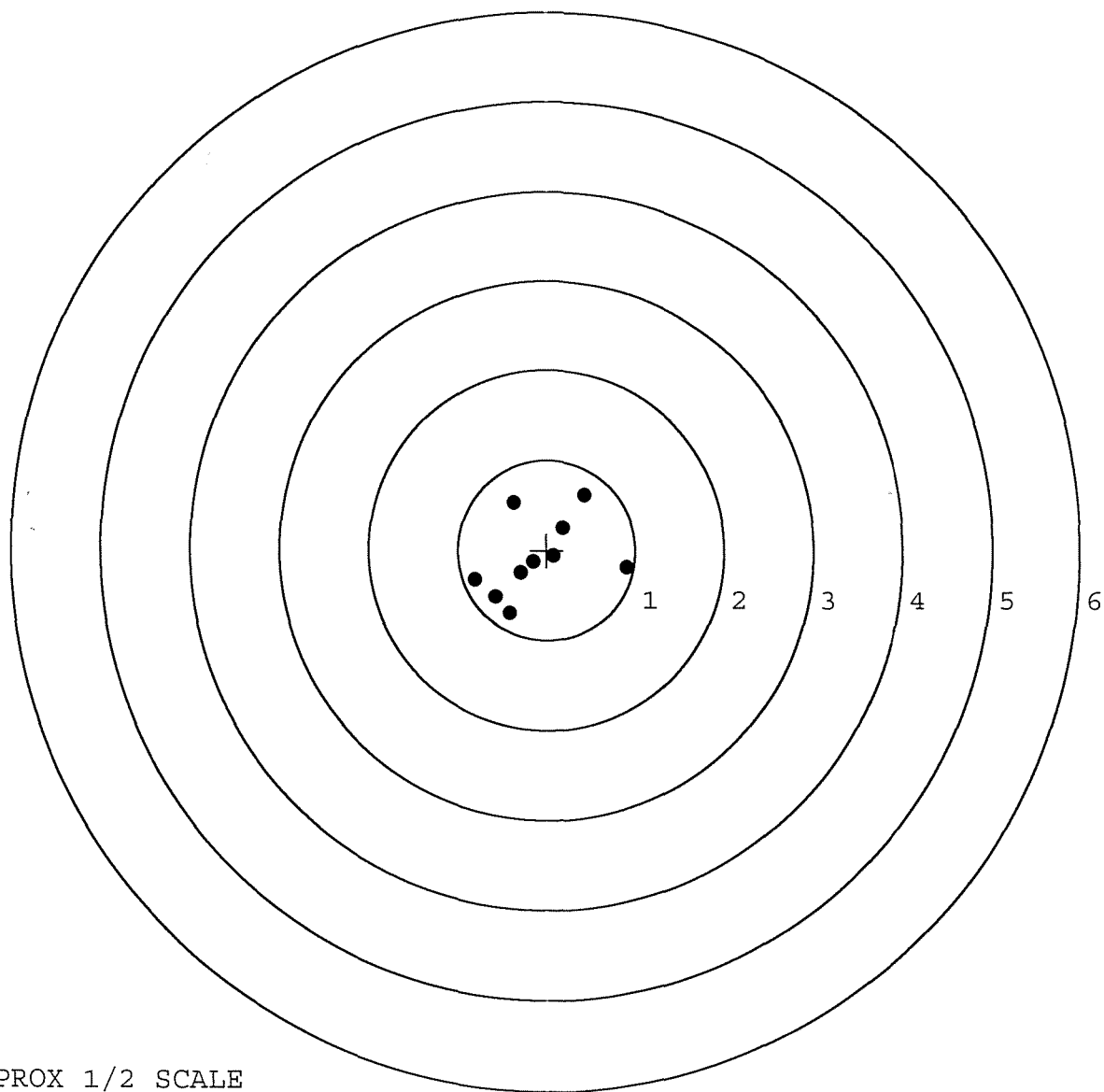
MEAN RADIUS: 0.560

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.901  | -0.187 |
| 2:     | 0.422  | 0.616  |
| 3:     | -0.379 | 0.531  |
| 4:     | -0.422 | -0.700 |
| 5:     | -0.811 | -0.326 |
| 6:     | -0.581 | -0.515 |
| 7:     | 0.182  | 0.256  |
| 8:     | -0.300 | -0.247 |
| 9:     | -0.158 | -0.132 |
| 10:    | 0.077  | -0.065 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296786. \_\_0

TARGET NUMBER: 5

FILE DATE: 02/10/2009

FILE TIME: 11:37

X CENTROID: -0.118

Y CENTROID: -0.055

POA TO CENTROID: 0.130

HORZ SPREAD: 0.918

VERT SPREAD: 0.765

GROUP SPREAD: 1.017

MIN RADIUS: 0.079

MAX RADIUS: 0.629

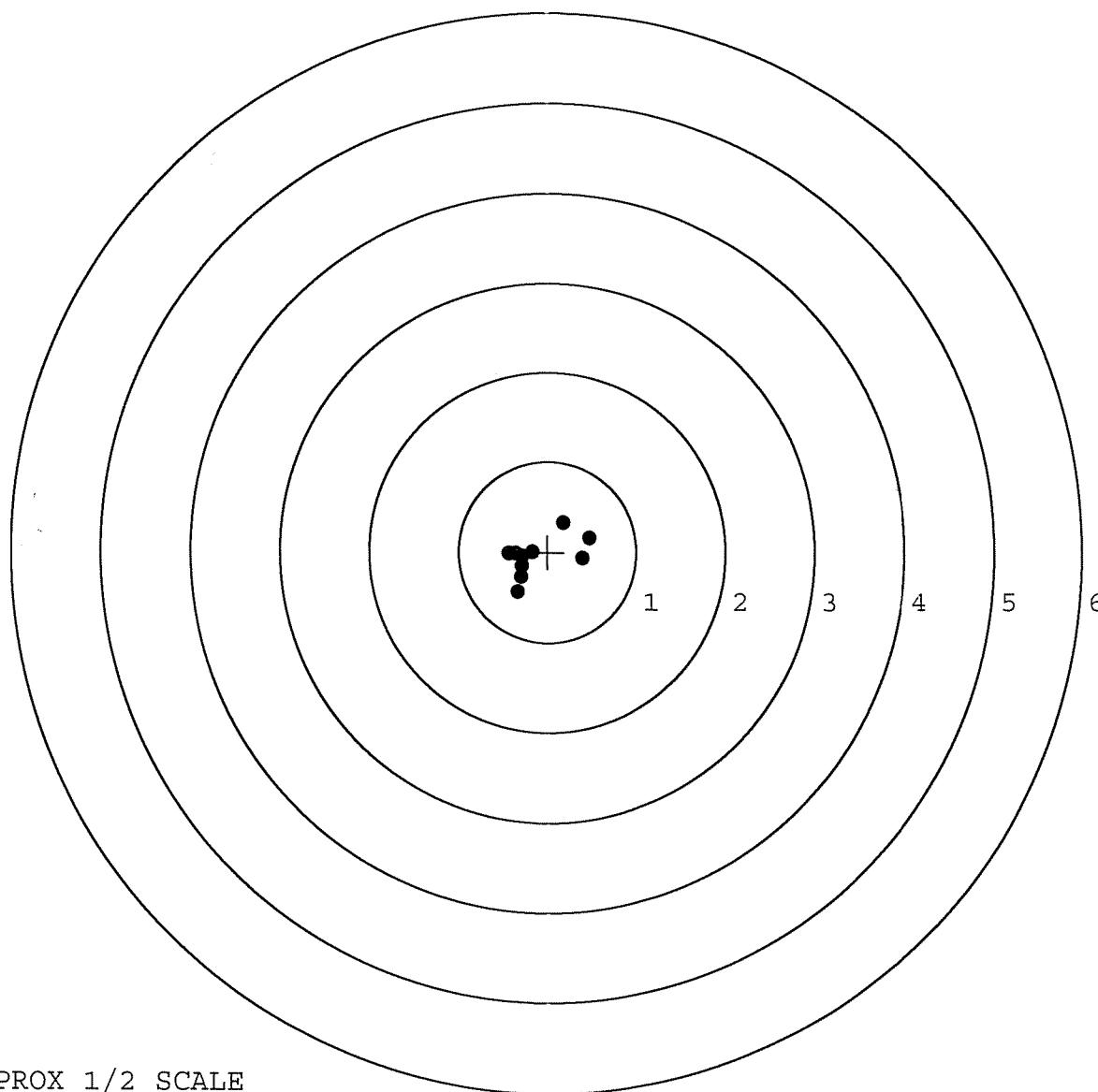
MEAN RADIUS: 0.339

# IN 1 IN DIAMETER: 8

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.445 | -0.018 |
| 2:     | 0.387  | -0.067 |
| 3:     | 0.178  | 0.321  |
| 4:     | 0.473  | 0.159  |
| 5:     | -0.363 | -0.015 |
| 6:     | -0.346 | -0.444 |
| 7:     | -0.302 | -0.279 |
| 8:     | -0.298 | -0.156 |
| 9:     | -0.288 | -0.053 |
| 10:    | -0.175 | -0.001 |



TARGET APPROX 1/2 SCALE

## Repair Inquiry

Repair Number: **RE00069147**Serial: C6413491 Model 700 Center Fire Caliber: 7  
62 NATO M/24 SWS

Repairman:

Verify Repair

Status:

New 8/25/2003 11:41:01 AM

## Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **3RD BDE****3RD BDE**Address 1: **BLDG 03213 FAITH AVE****BLDG 03213 FAITH AVE**Address 2: **1 LT MCCULLOUGH2539665588**

PO Box:

**1 LT MCCULLOUGH2539665588**

PO Box:

City: **FT LEWIS****FT LEWIS**State: **WA**Zip Code: **98433**Country: **US**State: **WA**Zip Code: **98433**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 |
|------|-------------------|-----|
| A006 | Sling Strap       | 1   |
| A007 | With Stud         | 2   |
| A010 | Hard Case         | 1   |
| A017 | Scope Base        | 1   |
| A026 | Scope             | 1   |
| A045 | Bi Pod            | 1   |
| C000 | FRT AND REAR BASE | 1   |
| C001 | DEPLOYMENT KIT    | 1   |

Repair Search

Refresh

Close

nagletj

8/25/2003

12:43 PM

CAPS

NUM

INS

SCPL

start

S Micros

Arms Servi...

Part Search

2 Intern...

2 Micros

CERTIFIC

12:43 PM

66296286

~~E6413491~~

Model: 700



RE00069147

AVERAGE PULL FORCE BETWEEN

SERIAL NO.

## INITIAL &amp; CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

DATE 9-11-03

3.00 LBS (plus or minus 0.75 LBS)

TESTER TRW

4.00 LBS (plus or minus 1.00 LBS)

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.36                | 2.36                        |                                   | 2.67  |          |
| PULL #2 | 2.56                | 2.37                        |                                   | 2.45  |          |
| PULL #3 | 2.50                | 2.33                        |                                   | 2.65  |          |
| PULL #4 | 2.51                | 2.34                        |                                   | 2.69  |          |
| PULL #5 | 2.52                | 2.34                        |                                   | 2.75  |          |
| TOTAL   | 12.45               | 11.74                       |                                   | 13.21 |          |
| AVERAGE | 2.49                | 2.34                        |                                   | 2.64  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.32                | 3.39                        |  |          |
| PULL #2 | 3.37                | 3.23                        |  |          |
| PULL #3 | 3.17                | 3.21                        |  |          |
| PULL #4 | 3.30                | 3.19                        |  |          |
| PULL #5 | 3.33                | 3.24                        |  |          |
| TOTAL   | 16.49               | 16.26                       |  |          |
| AVERAGE | 3.29                | 3.25                        |  |          |

|         | 4.00 LBS<br>INITIAL | 4.00 LBS AFTER<br>20 CYCLES | MAX SETTING GREATER<br>THAN 4 LBS | RESET TO 4 LBS FOR<br>TARGET & ACCURACY |
|---------|---------------------|-----------------------------|-----------------------------------|-----------------------------------------|
| PULL #1 | 4.27                | 4.28                        |                                   | 4.35                                    |
| PULL #2 | 4.20                | 4.23                        |                                   | 4.18                                    |
| PULL #3 | 4.20                | 4.12                        |                                   | 4.36                                    |
| PULL #4 | 4.21                | 4.31                        |                                   | 4.29                                    |
| PULL #5 | 4.22                | 4.39                        |                                   | 4.35                                    |
| TOTAL   | 21.17               | 21.33                       |                                   | 21.53                                   |
| AVERAGE | 4.23                | 4.26                        |                                   | 4.30                                    |

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

SERIAL # G 6296786

INSPECTED BY: RTL

DATE REC'D: 8-25-03

DATE RET'D: 9-16-03

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: New Bipod, SLING  
and deployment KIT.

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

|                            |                                     |                            |         |
|----------------------------|-------------------------------------|----------------------------|---------|
| R & E NUMBER               | 69147                               |                            |         |
| SERIAL NUMBER              | <del>E10413491</del> 66296286 (new) |                            |         |
| LOG-IN DATE                | 8-25-03                             |                            |         |
| <b>INSPECT AND VERIFY:</b> |                                     |                            |         |
| OPERATION #                | OPERATION NAME                      | DATE                       | INITIAL |
| 550                        | DIS-ASSEMBLE GUN                    | 8-26-03                    | RTL     |
| 560 A                      | RE-BARREL                           | 8-27-03                    | RTL     |
| B                          | DRILL AND TAP                       | 8-27-03                    | TRW     |
| 575                        | ASSEMBLE                            | 8-27-03                    | RTL     |
| 600                        | PROOF                               | 8-27-03                    | AC      |
| 605                        | CHECK HEADSPACE                     | 8-27-03                    | AC      |
| 610                        | DIS-ASSEMBLE GUN                    | 8-27-03                    | RTL     |
| 612                        | MAGNAFLUX                           |                            |         |
| 615                        | ROLLMARK CALIBER                    | 8-28-03                    | JB      |
| 618                        | ROTO-BLAST                          | 8-29-03                    | JB      |
| 620                        | APPLY COATINGS                      | 9-12                       | TA      |
| 625 A                      | FINAL ASSEMBLY                      | 9-13-03                    | RTL     |
| B                          | TRIGGER PULL TEST                   | 9/17/03 270, 260, 270, 265 | DA      |
| C                          | SAFETY "ON" FORCE                   | 9/17/03 7.0 7.0 7.0        | DA      |
| D                          | SAFETY "OFF" FORCE                  | 9/17/03 2.0 2.0 2.0        | DA      |
| E                          | FIRING PIN INDENT                   | 9/17/03 .022 .021 .021     | DA      |
| 640                        | TARGET                              | 9-16-03                    | TRW     |
| 655                        | FINAL INSPECT                       | 9-16-03                    | RTL     |
| 660                        | PACK                                | 9-16-03                    | DA      |
|                            |                                     | SHIP DATE                  |         |
| QAR INSPECTION DATE        |                                     |                            |         |

18 Aug 03

Mr. Nagle,

I would like to request a new deployment kit and Harris bipod. My deployment kit is missing many pieces of which were not issued to me. The padding on the Harris bipod is starting to fall off. There is also a issue with the trigger. The trigger pull seems to be inconsistent with each shot I take. My barrel also has a unknown round count from the previous sniper team. If you can please inspect the barrel, it would be much appreciated.

*Garrett Scott*

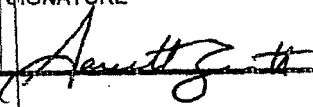
Scott, Garrett

SGT

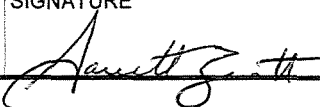
A co. 2/3 Inf

253-966-5663

C-641 3491

| PACKING LIST                                                              |                                                 | PACKED BY<br>SCOTT GARRETT SGT | 1. NO. BOXES<br>1                                                                                 | a. REQUISITION NO.       |              |  |
|---------------------------------------------------------------------------|-------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|--------------------------|--------------|--|
| 3. END ITEM<br>M24 SWS                                                    |                                                 |                                |                                                                                                   | b. ORDER NO.             |              |  |
|                                                                           |                                                 |                                |                                                                                                   | c. DATE                  |              |  |
|                                                                           |                                                 |                                |                                                                                                   | PAGE 1 OF 1 PAGES        |              |  |
| BOX NO.<br>(a)                                                            | CONTENTS - STOCK NUMBER AND NOMENCLATURE<br>(b) | UNIT OF<br>ISSUE<br>(c)        | QUANTITIES REQUIRED                                                                               |                          |              |  |
|                                                                           |                                                 |                                | INITIAL<br>OPERATION<br>(d)                                                                       | RUNNING<br>SPARES<br>(e) | TOTAL<br>(f) |  |
| 1                                                                         | M24 SWS SN# E6413491                            | 1                              | 1                                                                                                 |                          | 1            |  |
|                                                                           | LEUPOLD M3A RIFLE SCOPE<br>SN# 89 0132          | 1                              | 1                                                                                                 |                          | 1            |  |
|                                                                           | DEPLOYMENT KIT                                  | 1                              | 1                                                                                                 |                          | 1            |  |
|                                                                           | SLING                                           | 1                              | 1                                                                                                 |                          | 1            |  |
| 6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES |                                                 |                                |                                                                                                   |                          |              |  |
| TYPED NAME AND TITLE<br>SCOTT GARRETT SGT<br>A CO 2-3 INF SNIPER SECT.    |                                                 |                                | SIGNATURE<br> |                          |              |  |



| PACKING LIST                                                              |                                                 | PACKED BY               | 1. NO. BOXES                                                                                      | 2a. REQUISITION NO.      |              |  |
|---------------------------------------------------------------------------|-------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------|--------------------------|--------------|--|
|                                                                           |                                                 | SCOTT, GARRETT SGT      | 1                                                                                                 | 2b. ORDER NO.            |              |  |
| 3. END ITEM<br>M 24 SWS                                                   |                                                 |                         |                                                                                                   | 4. DATE                  |              |  |
|                                                                           |                                                 |                         |                                                                                                   | 5. PAGE 1 OF 1 PAGES     |              |  |
| BOX NO.<br>(a)                                                            | CONTENTS - STOCK NUMBER AND NOMENCLATURE<br>(b) | UNIT OF<br>ISSUE<br>(c) | QUANTITIES REQUIRED                                                                               |                          |              |  |
|                                                                           |                                                 |                         | INITIAL<br>OPERATIO<br>(d)                                                                        | RUNNING<br>SPARES<br>(e) | TOTAL<br>(f) |  |
| 1                                                                         | M24 SWS SN# E6413491                            | 1                       | 1                                                                                                 |                          | 1            |  |
|                                                                           | LEUPOLD M3A RIFLE SCOPE<br>SN# 89 0132          | 1                       | 1                                                                                                 |                          | 1            |  |
|                                                                           | DEPLOYMENT KIT                                  | 1                       | 1                                                                                                 |                          | 1            |  |
|                                                                           | SLING                                           | 1                       | 1                                                                                                 |                          | 1            |  |
| 6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES |                                                 |                         |                                                                                                   |                          |              |  |
| TYPED NAME AND TITLE<br>SCOTT, GARRETT SGT<br>A CO 2-3 INF SNIPER SECT.   |                                                 |                         | SIGNATURE<br> |                          |              |  |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296786.\_\_\_0

FILE DATE AND TIME: 09/16/2003 09:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.005  |
| The Average Y Centroid of the Five Target Set:              | -0.033 |
| The Average Point of Impact of the Five Target Set:         | 0.034  |
| The Average Mean Radius of the Five Target Set:             | 0.746  |
| The Distance from POA to Centroid Target #1:                | 0.278  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.460  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.456  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.291  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.332  |

SERIAL NUMBER: G6296786. 0

TARGET NUMBER: 1

FILE DATE: 09/16/2003

FILE TIME: 09:40

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.089  | -1.075 |
| 2:     | -1.254 | -1.972 |
| 3:     | -0.838 | -0.472 |
| 4:     | -0.331 | -0.065 |
| 5:     | 0.210  | 0.132  |
| 6:     | 0.615  | -0.094 |
| 7:     | -0.275 | 0.379  |
| 8:     | -0.650 | 0.462  |
| 9:     | 0.070  | 0.711  |
| 10:    | -0.309 | 1.238  |

X CENTROID: -0.267

Y CENTROID: -0.076

POA TO CENTROID: 0.278

HORZ SPREAD: 1.869

VERT SPREAD: 3.210

GROUP SPREAD: 3.346

MIN RADIUS: 0.065

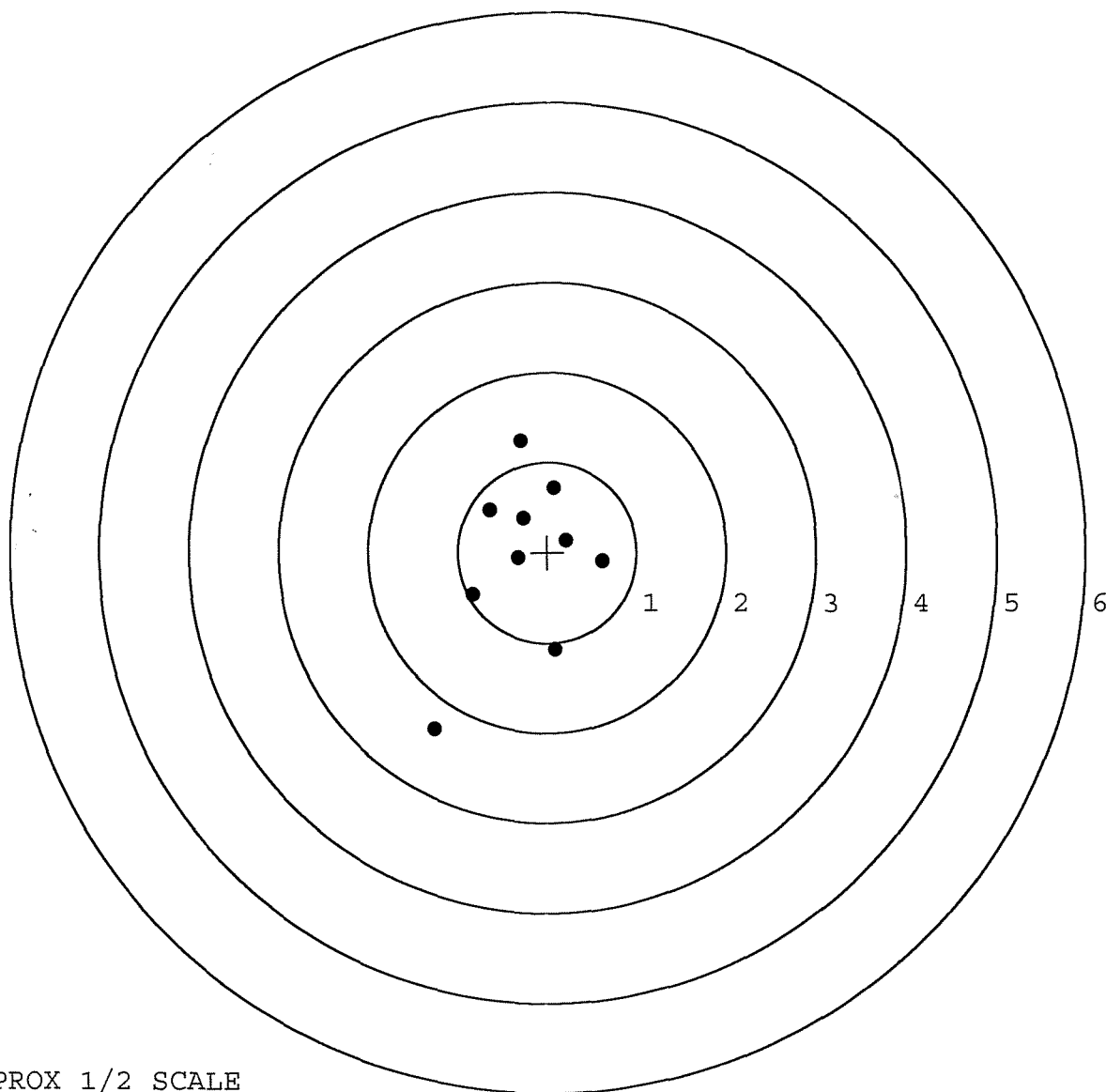
MAX RADIUS: 2.138

MEAN RADIUS: 0.865

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296786. \_\_0

TARGET NUMBER: 2

FILE DATE: 09/16/2003

FILE TIME: 09:40

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.603  | -0.853 |
| 2:     | -0.418 | -1.062 |
| 3:     | -0.733 | -0.674 |
| 4:     | 0.124  | -0.474 |
| 5:     | -0.014 | -0.031 |
| 6:     | 0.948  | 0.306  |
| 7:     | 0.705  | 0.770  |
| 8:     | 0.459  | 0.585  |
| 9:     | 0.275  | 0.440  |
| 10:    | -0.054 | 0.789  |

X CENTROID: 0.190

Y CENTROID: -0.020

POA TO CENTROID: 0.191

HORZ SPREAD: 1.681

VERT SPREAD: 1.851

GROUP SPREAD: 2.149

MIN RADIUS: 0.204

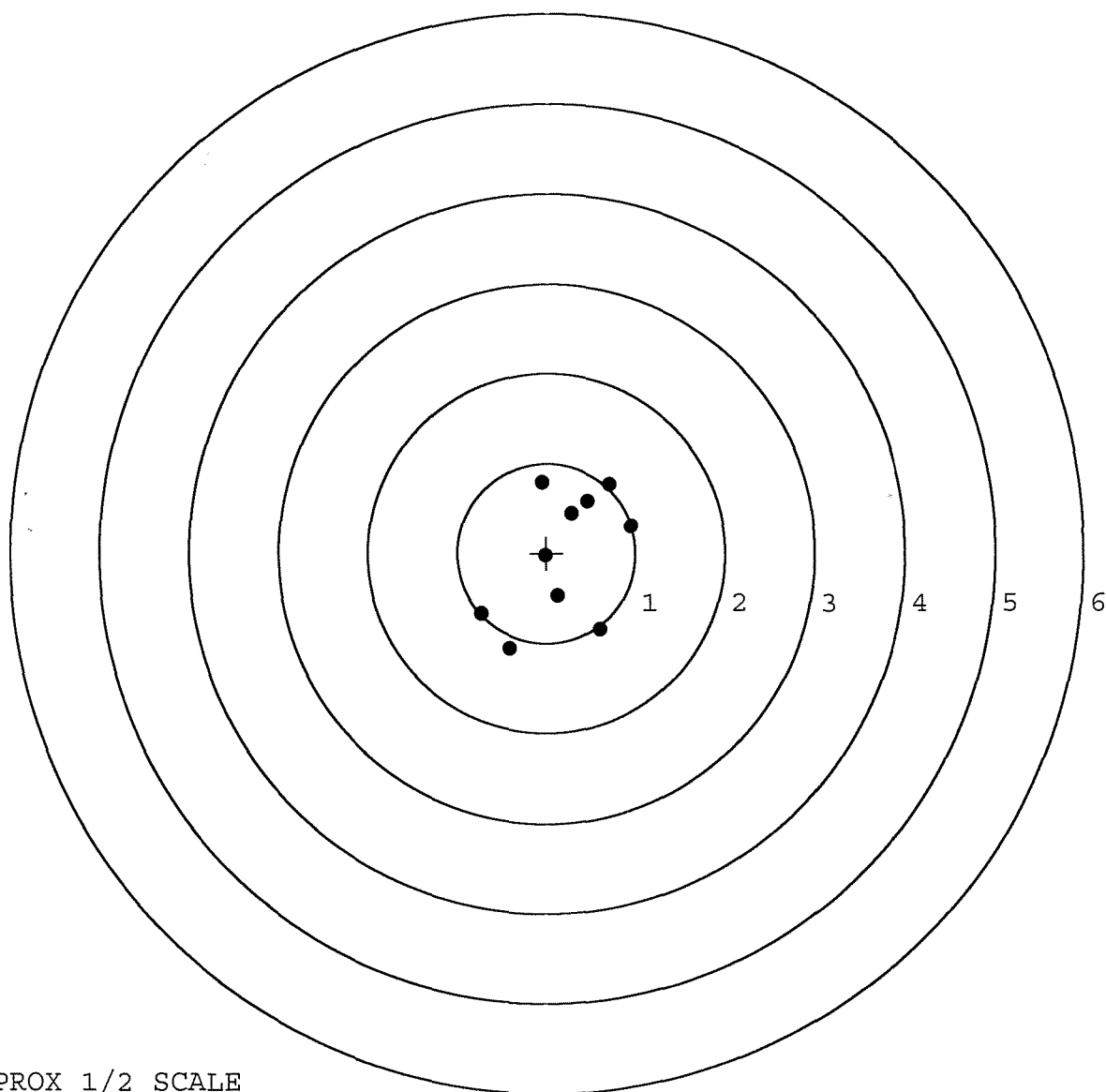
MAX RADIUS: 1.206

MEAN RADIUS: 0.767

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296786. \_\_0

TARGET NUMBER: 3

FILE DATE: 09/16/2003

FILE TIME: 09:40

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.263  | -0.391 |
| 2:     | 0.151  | -0.709 |
| 3:     | -0.272 | -0.791 |
| 4:     | -0.264 | -0.382 |
| 5:     | -0.422 | -0.621 |
| 6:     | 0.492  | -0.116 |
| 7:     | 0.476  | 0.153  |
| 8:     | 0.421  | 0.296  |
| 9:     | 0.186  | 0.224  |
| 10:    | -0.314 | 0.339  |

X CENTROID: 0.172

Y CENTROID: -0.200

POA TO CENTROID: 0.263

HORZ SPREAD: 1.685

VERT SPREAD: 1.130

GROUP SPREAD: 1.738

MIN RADIUS: 0.331

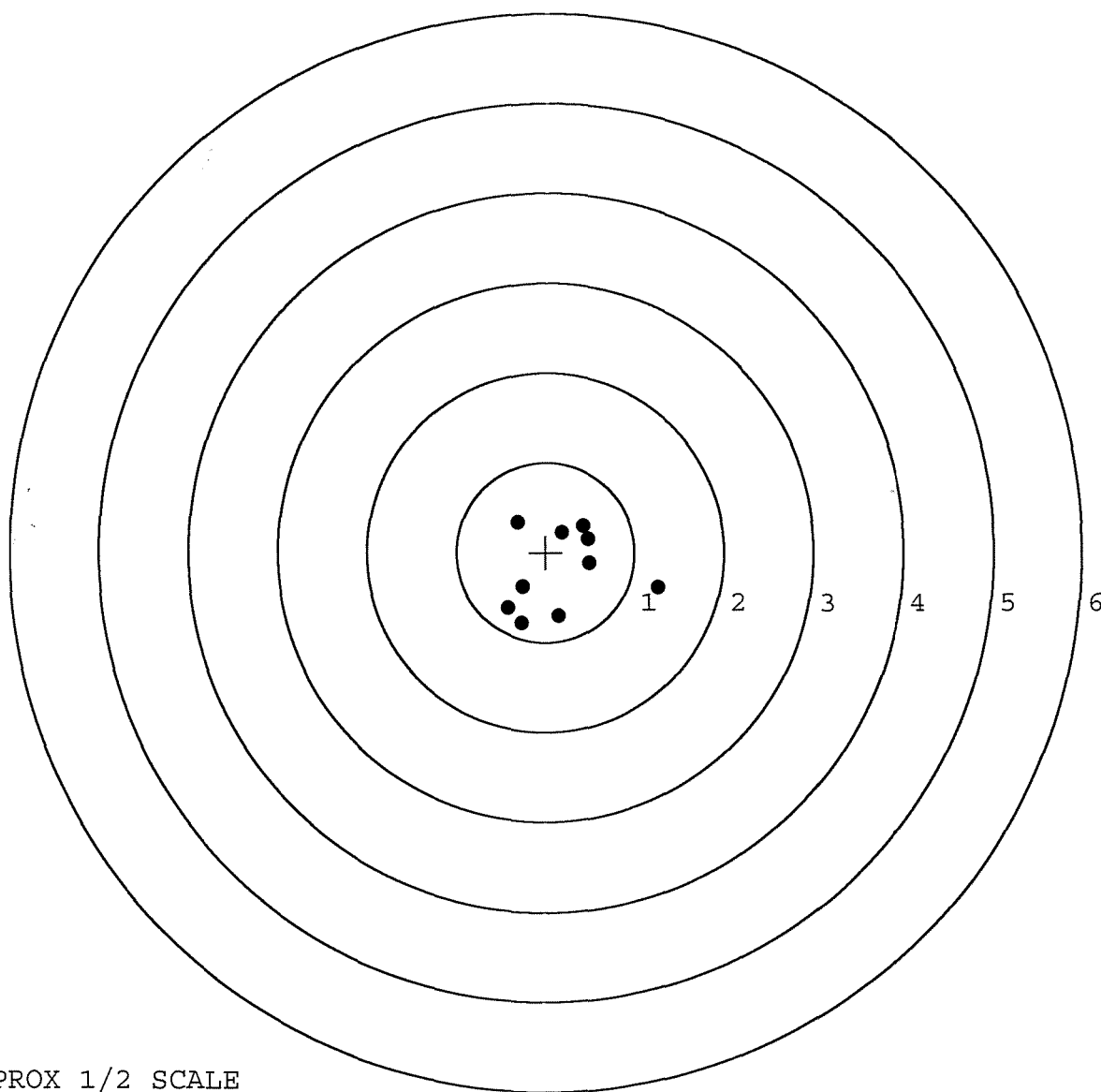
MAX RADIUS: 1.108

MEAN RADIUS: 0.606

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296786. \_\_0

TARGET NUMBER: 4

FILE DATE: 09/16/2003

FILE TIME: 09:40

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.358  | 0.509  |
| 2:     | 0.629  | 0.648  |
| 3:     | 0.407  | 1.010  |
| 4:     | -0.359 | 0.620  |
| 5:     | -1.358 | 0.388  |
| 6:     | 0.014  | -0.197 |
| 7:     | -0.068 | -0.470 |
| 8:     | -0.362 | -0.396 |
| 9:     | -0.332 | -0.086 |
| 10:    | -0.243 | -0.207 |

X CENTROID: -0.131

Y CENTROID: 0.182

POA TO CENTROID: 0.224

HORZ SPREAD: 1.987

VERT SPREAD: 1.480

GROUP SPREAD: 2.004

MIN RADIUS: 0.335

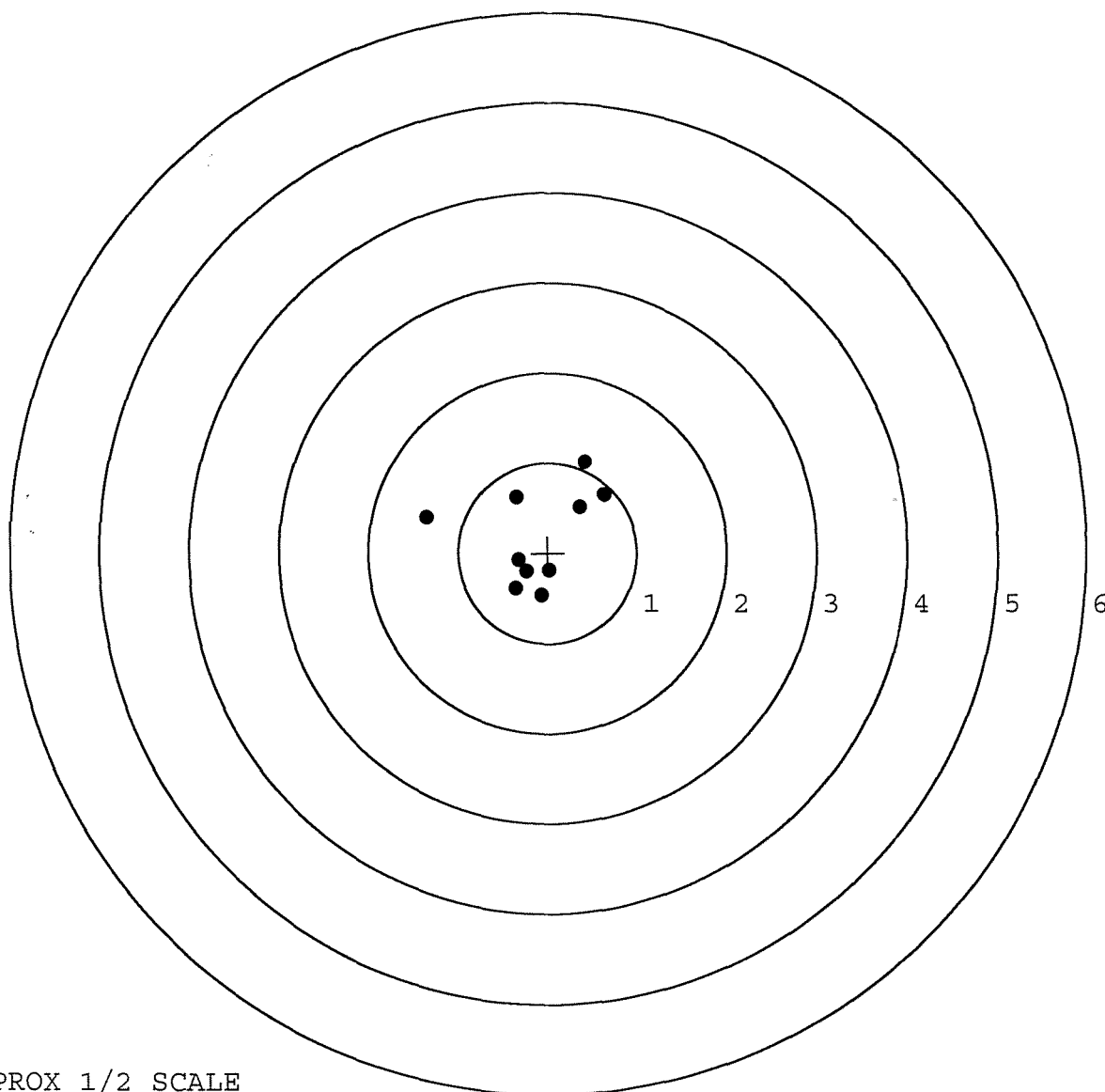
MAX RADIUS: 1.244

MEAN RADIUS: 0.663

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296786. \_\_0

TARGET NUMBER: 5

FILE DATE: 09/16/2003

FILE TIME: 09:40

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.840  | -0.007 |
| 2:     | 0.475  | -0.066 |
| 3:     | 0.196  | 0.104  |
| 4:     | 0.733  | 0.660  |
| 5:     | -0.790 | 0.716  |
| 6:     | -0.811 | 1.301  |
| 7:     | 0.125  | -1.192 |
| 8:     | 0.115  | -0.990 |
| 9:     | -0.085 | -0.829 |
| 10:    | -0.155 | -0.214 |

X CENTROID: 0.064

Y CENTROID: -0.052

POA TO CENTROID: 0.083

HORZ SPREAD: 1.651

VERT SPREAD: 2.493

GROUP SPREAD: 2.663

MIN RADIUS: 0.204

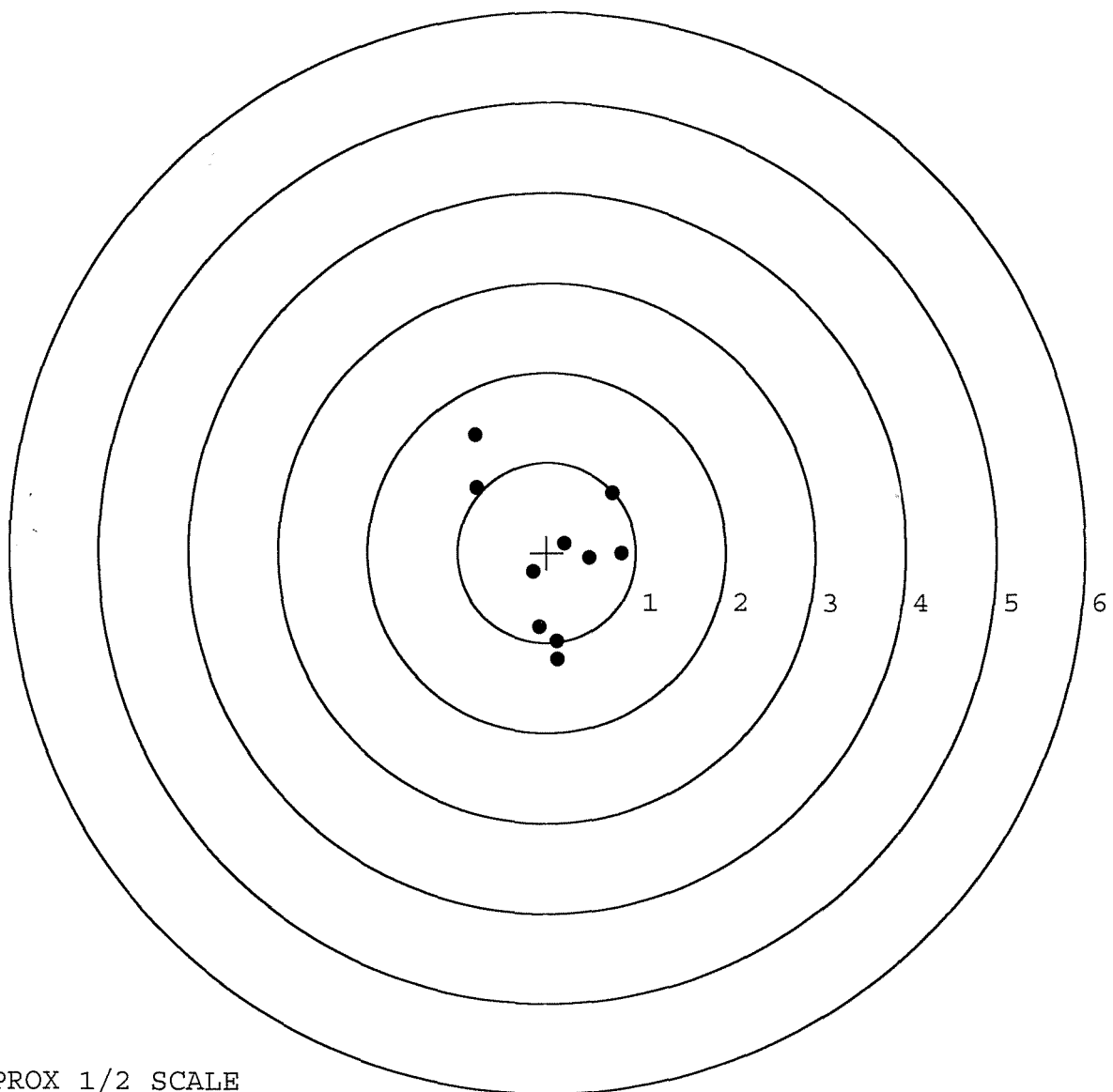
MAX RADIUS: 1.611

MEAN RADIUS: 0.827

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE