

E6413589

## Arms Services Repair &amp; Estimate System

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

## Repair Inquiry

Repair Number: RE00156486

Serial: E6413589 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status: Closed 12/6/2008 7:41:32 AM

Verify Repair

## Address Information

Customer:

Received From

Return To:

Received From

Name: DEPARTMENT OF THE ARMY SUPPLY OFFICER

DEPARTMENT OF THE ARMY SUPPLY OFFICER

Address 1: DOL SISA BLDG 9660 BAY A

DOL SISA BLDG 9660 BAY A

Address 2: BOX 339500 MAIL STOP 181

PO Box:

BOX 339500 MAIL STOP 181

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

FPL:

## Contact / Condition

## Problems

## Estimate

## History / Status

## Shipping / Billing

## Contact Information

Phone: NN

Fax:

Email:

Comments:

## Received Condition

Fair

Condition

Notes:

CSR

Notes:

## Accessories Received

| Code | Desc            | Qty |
|------|-----------------|-----|
| A007 | With Stud       | 3   |
| A008 | With Swivel     | 2   |
| A010 | Hard Case SYS   | 1   |
| A017 | Scope Base      | 1   |
| D000 | THRED PROTECTOR | 1   |

## Repair Search

Refresh

Close

nagletj

12/8/2008

12:27 PM

CAPS

NUM

INS

SCRL



Bipod  
Thred Protector

Serial Number: E6413589

Model: M24 SWS



RE00156486

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

P&F NUMBER 156486  
SERIAL NUMBER 26413589  
LOG-IN DATE 12-6-08

| OPERATION # | OPERATION NAME       | DATE       | INITIAL |
|-------------|----------------------|------------|---------|
| 500         | D/S-ASSEMBLE GUN     | 12-10-08   | RTZ     |
| 505         | RE-BARREL            | 12-10-08   | RTZ     |
| 560         | ASSEMBLE             | 12-10-08   | RTZ     |
| 600         | PROOF                | 12-15-08   | RP      |
| 605         | CHECK HEADSPACE      | 12-15-08   | RP      |
| 610         | DIS-ASSEMBLE GUN     | 12-15-08   | RP      |
| 612         | MAGNAFLUX            | 12-15-08   | RP      |
| 510         | DRILL AND TAP        | 12-15-08   | RP      |
| 615         | ROLLMARK CALIBER     | 12-15-08   | RT      |
| 618         | ROTO-BLAST           | 1/5        | TL      |
| 620         | APPLY COATINGS       | 1/7        | TL      |
| 625         | FINAL ASSEMBLY       | 1-9-09     | RTZ     |
| 640         | FUNCTION TEST AND    | 1-9-09     | RP      |
| 650         | TARGET               | 1-9-09     | RP      |
|             | MALFUNCTION          | CORRECTION |         |
|             | MALFUNCTION          | CORRECTION |         |
|             | MALFUNCTION          | CORRECTION |         |
|             | MALFUNCTION          | CORRECTION |         |
| 670         | FINAL INSPECTION     | 1-9-09     | RP      |
|             | A) HEADSPACE         | 1-12-09    | RP      |
|             | B) TRIGGER PULL      | 1-12-09    | RP      |
| 680         | F. SAFETY ON FORCE   | 1-12-09    | RP      |
|             | G) SAFETY OFF FORCE  | 1-12-09    | RP      |
|             | I) FIRING PIN INDENT | 1-12-09    | RP      |
| 690         | PACK                 | 1/12/09    | FM      |

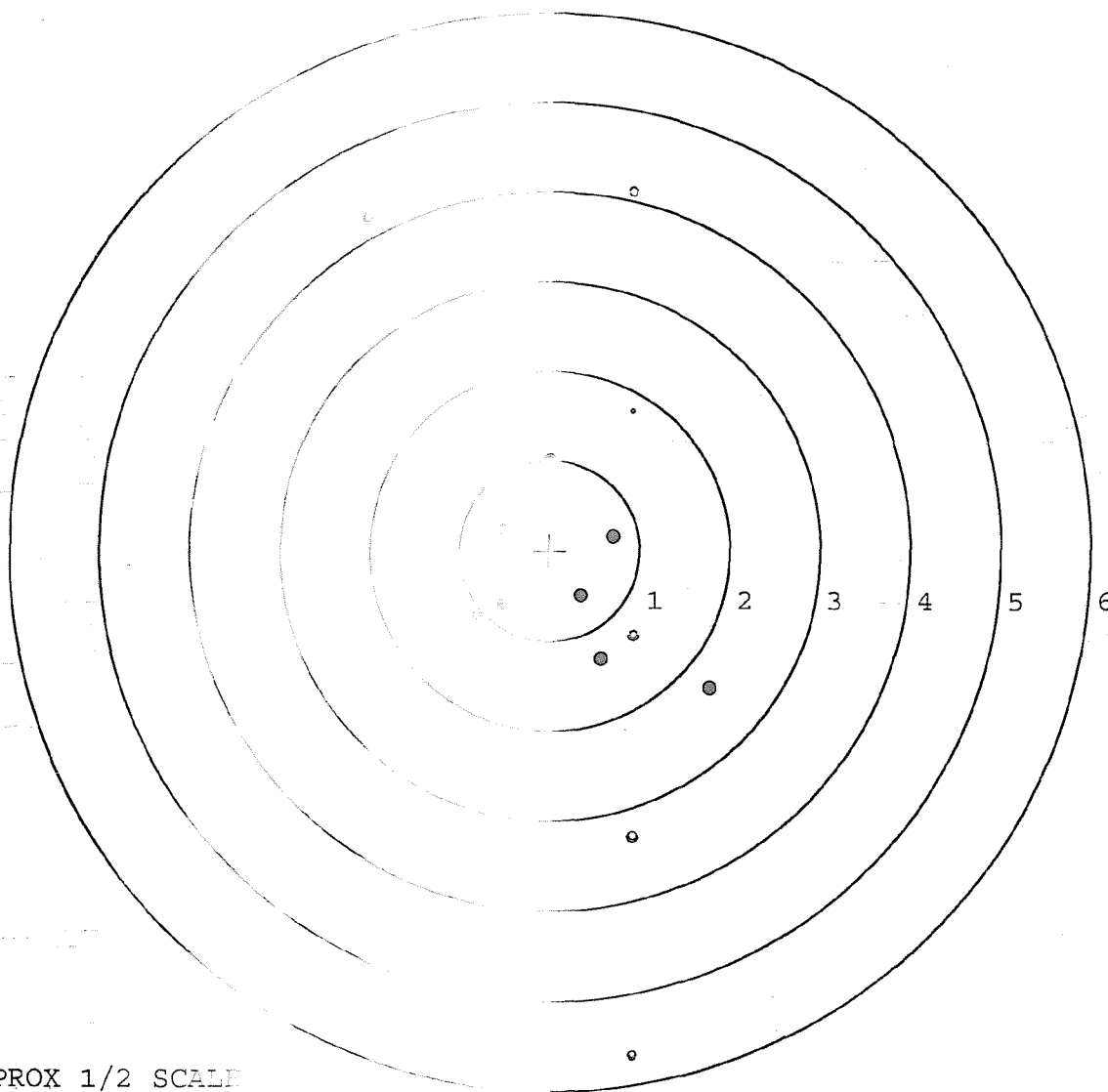
SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATA SET NAME: E6413589.\_\_\_\_1  
FILE DATE AND TIME: 01/12/2009 08:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.015  |
| The Average Y Centroid of the Five Target Set:              | -0.052 |
| The Average Point of Impact of the Five Target Set:         | 0.054  |
| The Average Mean Radius of the Five Target Set:             | 0.853  |
| The Distance from POA to Centroid Target #1:                | 0.182  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.045  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.247  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.234  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.194  |

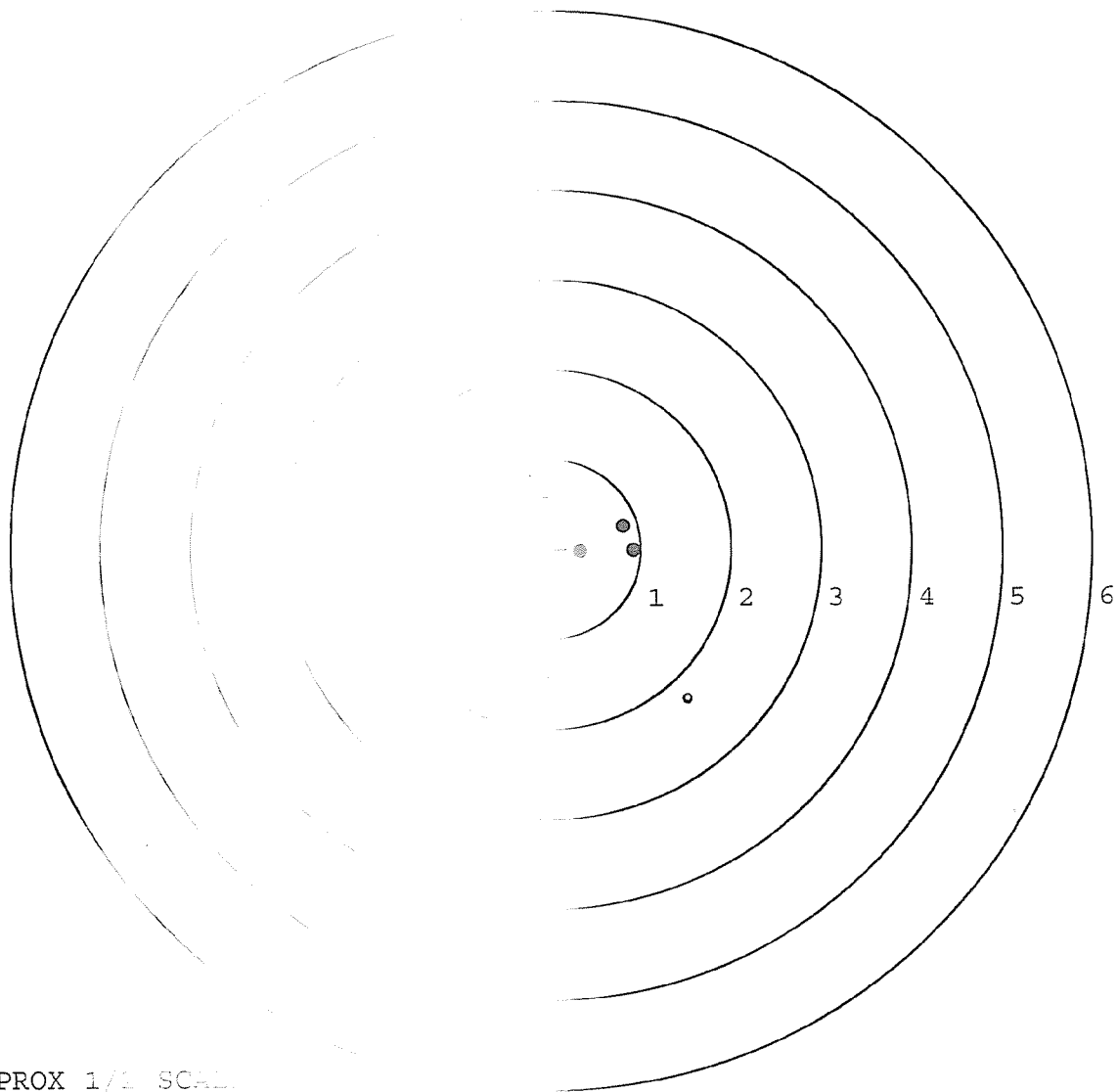
|                          |        |        |        |        |
|--------------------------|--------|--------|--------|--------|
| SERIAL NUMBER: E6413589. | 1      | POINT# | X      | Y      |
| TARGET NUMBER: 1         |        | 1:     | 0.014  | 1.005  |
| FILE DATE: 01/12/2009    |        | 2:     | -0.552 | -0.770 |
| FILE TIME: 08:15         |        | 3:     | -0.363 | 0.649  |
|                          |        | 4:     | -0.521 | 0.250  |
| X CENTROID:              | 0.065  | 5:     | 0.701  | 9.156  |
| Y CENTROID:              | -0.170 | 6:     | 0.147  | -0.494 |
| POA TO CENTROID:         | 0.182  | 7:     | 0.057  | -1.201 |
| HORZ SPREAD:             | 2.587  | 8:     | -0.119 | -0.603 |
| VERT SPREAD:             | 2.536  | 9:     | -0.110 | -0.697 |
| GROUP SPREAD:            | 3.274  | 10:    | 0.057  | -1.531 |
| MIN RADIUS:              | 0.430  |        |        |        |
| MAX RADIUS:              | 2.187  |        |        |        |
| MEAN RADIUS:             | 1.018  |        |        |        |
| # IN 1 IN DIAMETER:      | 1      |        |        |        |
| # IN 2 IN DIAMETER:      | 5      |        |        |        |
| # IN 3 IN DIAMETER:      | 9      |        |        |        |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413589. 1  
 TARGET NUMBER: 2  
 FILE DATE: 01/12/2009  
 FILE TIME: 08:15

|                     |       |    | Y      |
|---------------------|-------|----|--------|
| X CENTROID:         | 0.1   | 14 | 1.109  |
| Y CENTROID:         | -0.1  | 18 | 0.530  |
| POA TO CENTROID:    | 0.2   | 05 | 0.247  |
| HORZ SPREAD:        | 1.1   | 16 | -0.024 |
| VERT SPREAD:        | 2.64  | 28 | -0.029 |
| GROUP SPREAD:       | 2.676 | 7  | 0.077  |
| MIN RADIUS:         | 0.1   | 1  | -0.002 |
| MAX RADIUS:         |       | 3  | -0.942 |
| MEAN RADIUS:        |       | 3  | -1.482 |
| # IN 1 IN DIAMETER: |       | 3  | -1.534 |
| # IN 2 IN DIAMETER: |       |    |        |
| # in 3 IN DIAMETER: |       |    |        |



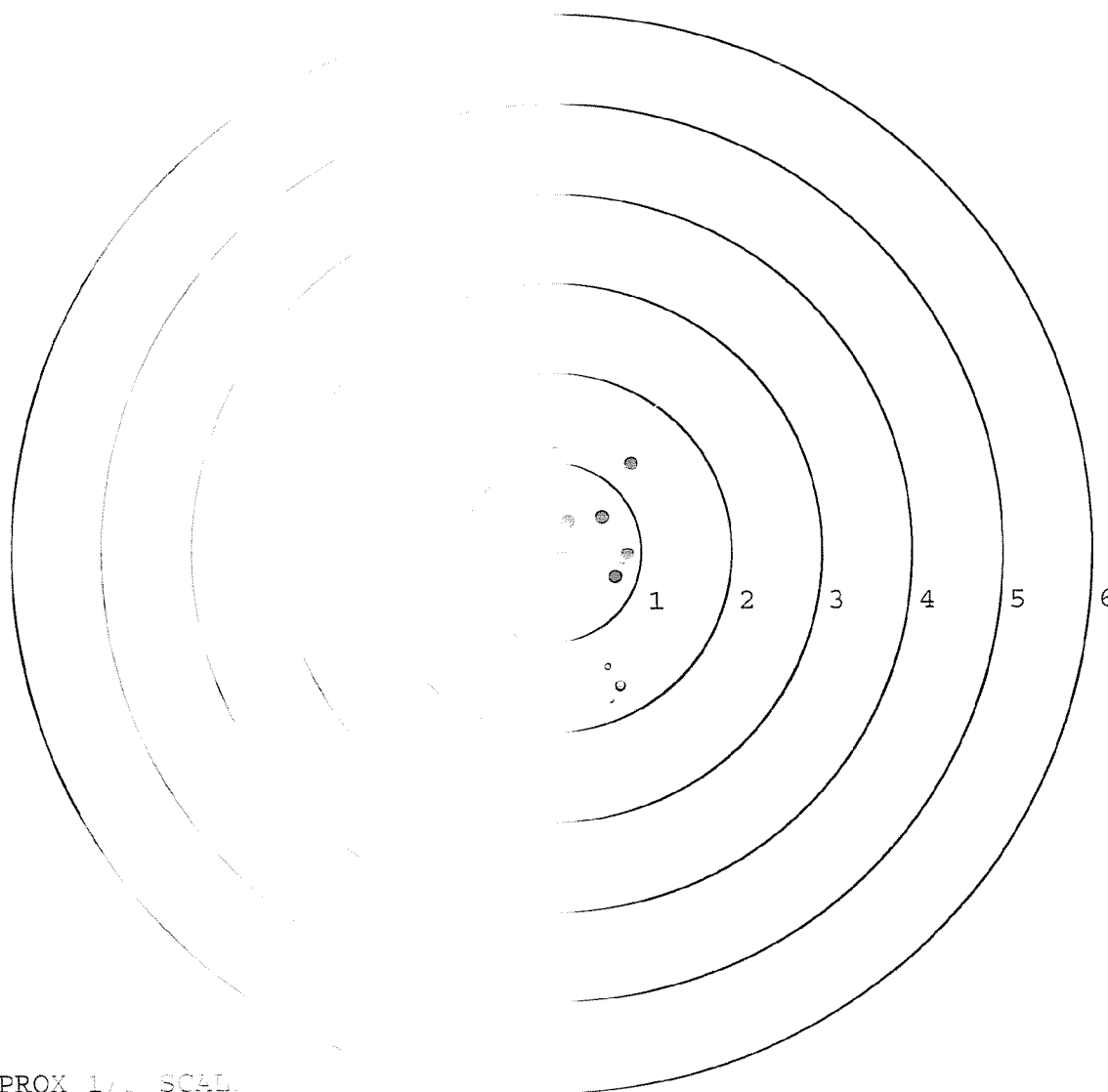
TARGET APPROX 1/2 SCALE

```

X CENTROID:          -10.0000
Y CENTROID:          -10.0000
POA TO CENTROID:      0.0000
HORZ SPREAD:          2.0000
VERT SPREAD:          2.0000
GROUP SPREAD:         2.8284
MIN RADIUS:           2.0000
MAX RADIUS:           2.0000
MEAN RADIUS:          2.0000
# IN 1 IN DIAMETER:  0.0000
# IN 2 IN DIAMETER:  0.0000
# IN 3 IN DIAMETER:  0.0000

```

| X    | Y      |
|------|--------|
| 1.59 | 1.110  |
| 1.20 | 0.976  |
| 0.54 | 0.383  |
| 1.20 | 0.340  |
| 0.16 | -0.037 |
| 1.2  | -0.286 |
| 1.2  | -0.148 |
| 1.0  | -0.615 |
| 1.7  | -1.103 |
| 1.1  | -0.054 |



TARGET APPROX 1/- SCAL.

SERIAL NUMBER: E8413589.

TARGET NUMBER: 4

FILE DATE: 01/13/2009

FILE TIME: 08:15

X CENTROID: 0.

Y CENTROID: 0.

POA TO CENTROID: 0.

HORZ SPREAD: 2.1

VERT SPREAD: 2.1

GROUP SPREAD: 2.1

MIN RADIUS: 0.

MAX RADIUS: 0.

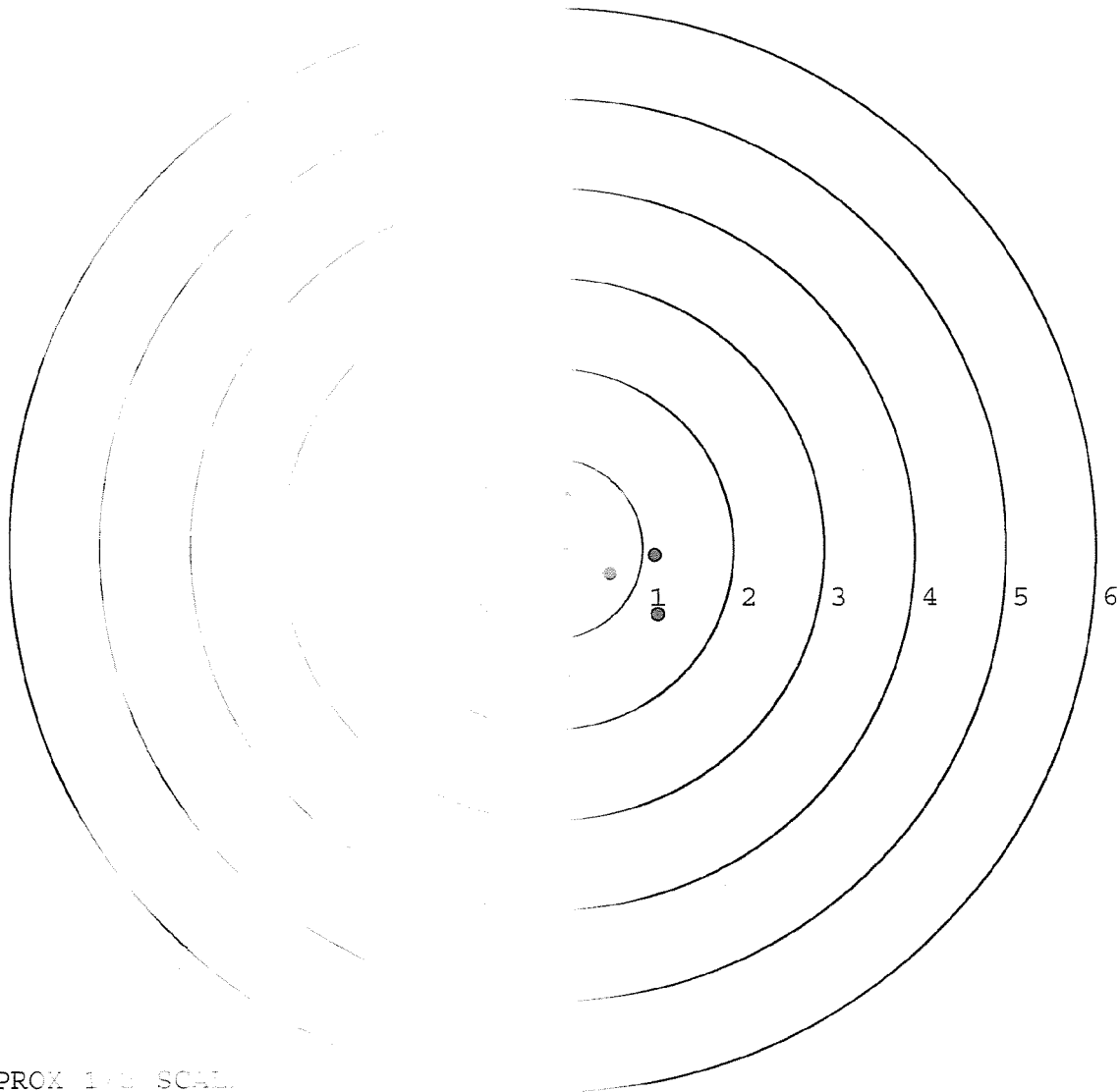
MEAN RADIUS: 0.

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 1

# in 3 IN DIAMETER: 1

|    | Y      |
|----|--------|
| 18 | 0.938  |
| 18 | 0.773  |
| 11 | 0.569  |
| 12 | 0.557  |
| 13 | 0.049  |
| 18 | -0.338 |
| 1  | -0.792 |
| 1  | -0.741 |
| 17 | -0.291 |
| 17 | -0.091 |



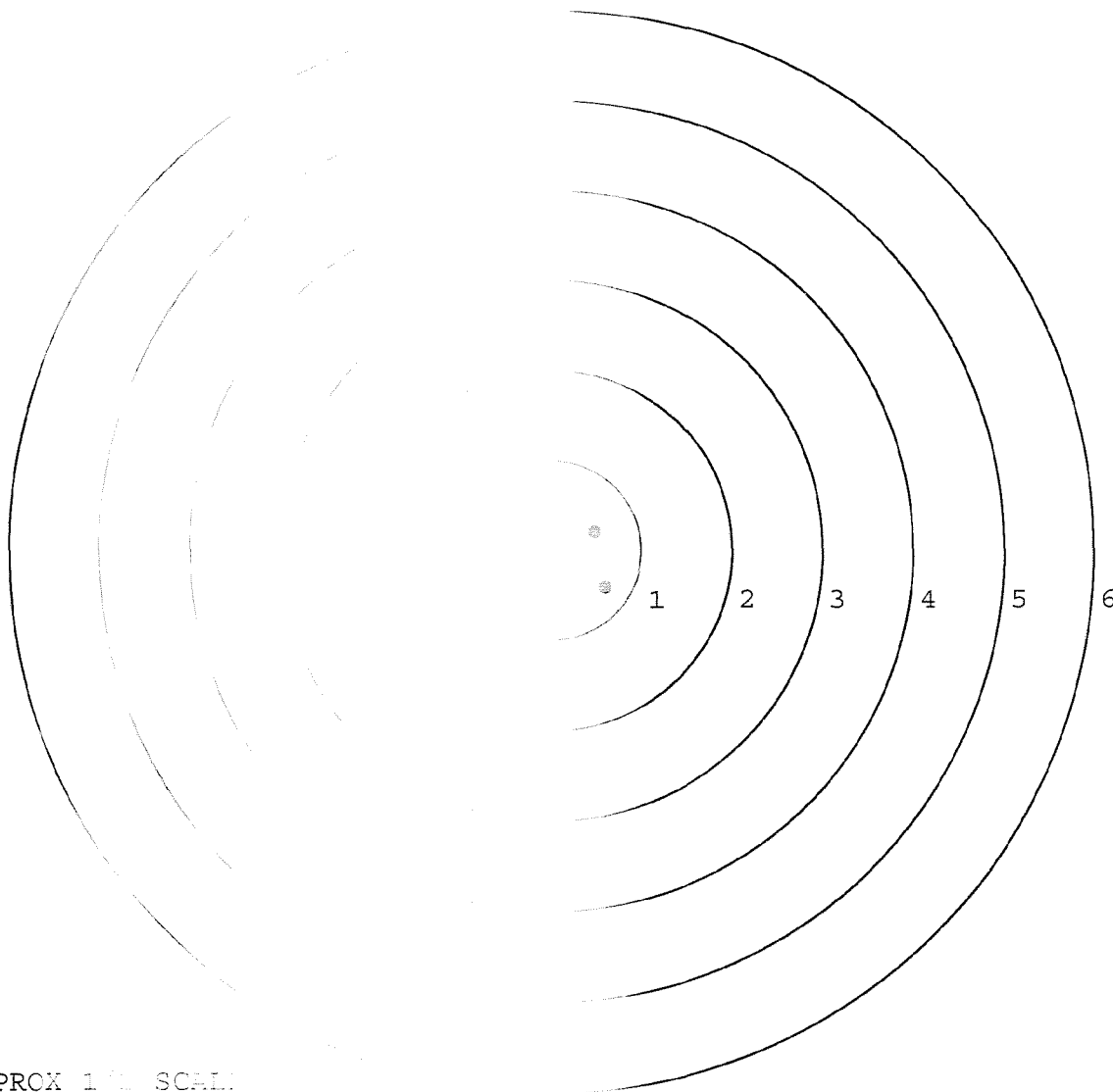
TARGET APPROX 1/2 SCALE



SERIAL NUMBER: E6413589  
TARGET NUMBER: E  
FILE DATE: 01/12/2009  
FILE TIME: 08:15

X CENTROID: -0.4  
Y CENTROID: -1.1  
POA TO CENTROID: 0.1  
HORZ SPREAD: 2.1  
VERT SPREAD: 1.9  
GROUP SPREAD: 1.9  
MIN RADIUS: 0.1  
MAX RADIUS:  
MEAN RADIUS:  
# IN 1 IN DIAMETER:  
# IN 2 IN DIAMETER:  
# in 3 IN DIAMETER:

|   | Y      |
|---|--------|
| 5 | 0.949  |
| 4 | 0.548  |
| 4 | 0.546  |
| 1 | 0.209  |
| 3 | -0.418 |
| 2 | -0.182 |
|   | -0.200 |
|   | 0.058  |
|   | -0.591 |
| 5 | -0.979 |



TARGET APPROX 1/2 SCALE

## Repair Inquiry

Repair Number: RE00124987

Serial: E6413589 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 2/7/2007 9:28:24 AM

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: SGT. CHRISTOPHER SMITH

SGT. CHRISTOPHER SMITH

Address 1: HHC 1-38 INF SNIPERS

HHC 1-38 INF SNIPERS

Address 2: BLDG 3227 2ND DIV. RD.

PO Box:

BLDG 3227 2ND DIV. RD.

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: NA

Fax:

Email:

Comments:

## Received Condition

Fair

Condition  
Notes:CSR  
Notes:

## Accessories Received

| Code | Desc       | Qty |
|------|------------|-----|
| A007 | With Stud  | 3   |
| A010 | Hard Case  | 1   |
| A017 | Scope Base | 1   |

## Repair Search

Refresh

Close

naglej

2/7/2007

11:45 AM

CAPS

NUM

INS

SCPL



Serial Number: E6413589

Model: M24 SWS



RE00124987

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413589.\_\_\_0  
FILE DATE AND TIME: 02/26/2007 23:07

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.063 |
| The Average Y Centroid of the Five Target Set:              | 0.058 |
| The Average Point of Impact of the Five Target Set:         | 0.086 |
| The Average Mean Radius of the Five Target Set:             | 0.770 |
| The Distance from POA to Centroid Target #1:                | 0.319 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.485 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.467 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.484 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.241 |

SERIAL NUMBER: E6413589. \_\_0

TARGET NUMBER: 1

FILE DATE: 02/26/2007

FILE TIME: 23:07

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.600 | 0.234  |
| 2:     | -0.444 | 0.052  |
| 3:     | -0.128 | 0.111  |
| 4:     | 0.120  | -0.086 |
| 5:     | -0.158 | -0.419 |
| 6:     | 0.507  | -0.387 |
| 7:     | 0.574  | 0.200  |
| 8:     | 0.337  | 0.390  |
| 9:     | 0.649  | 0.683  |
| 10:    | -1.597 | 2.320  |

X CENTROID: -0.074

Y CENTROID: 0.310

POA TO CENTROID: 0.319

HORZ SPREAD: 2.246

VERT SPREAD: 2.739

GROUP SPREAD: 3.429

MIN RADIUS: 0.206

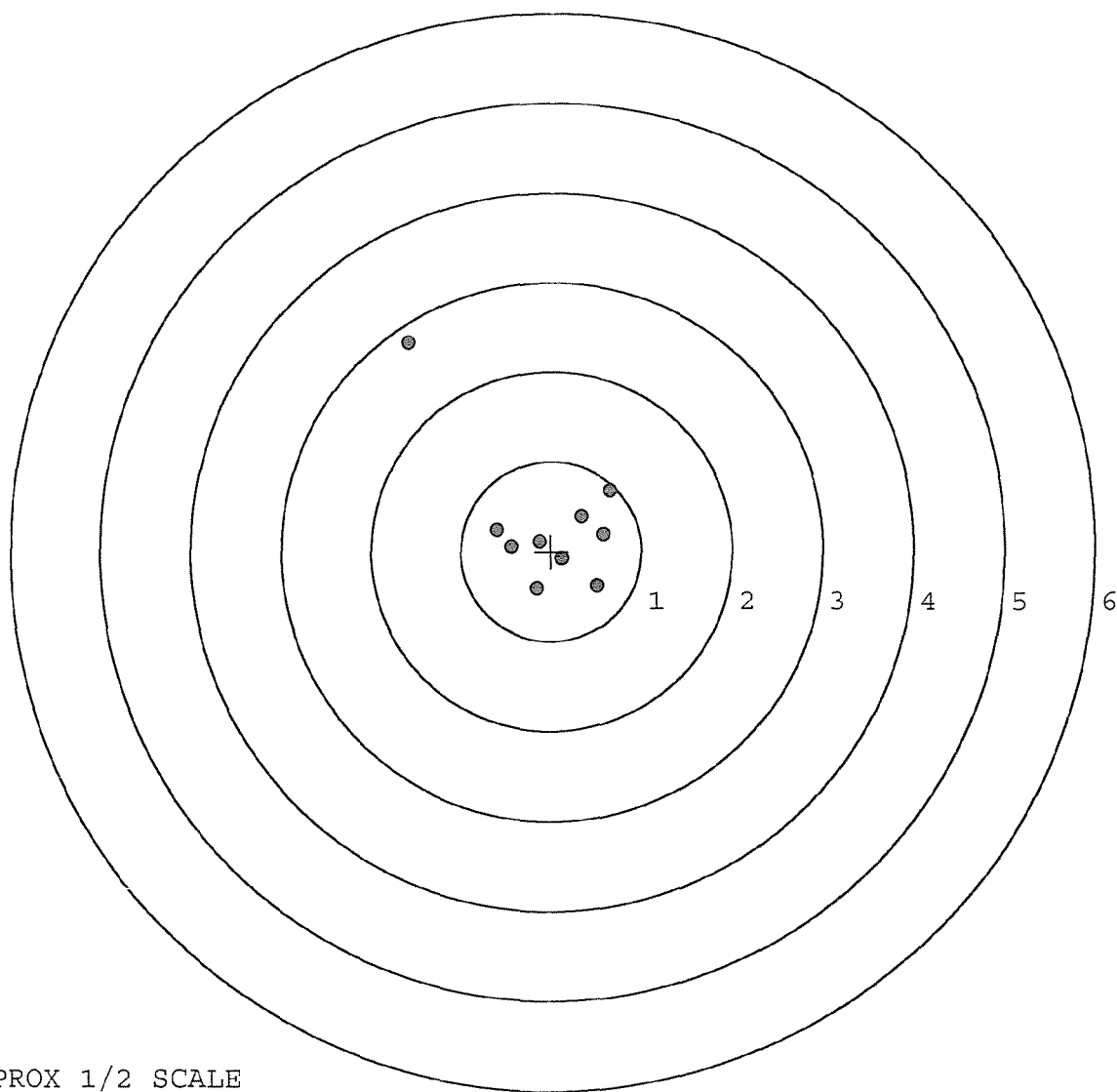
MAX RADIUS: 2.522

MEAN RADIUS: 0.768

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413589. 0

TARGET NUMBER: 2

FILE DATE: 02/26/2007

FILE TIME: 23:07

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.747 | 0.656  |
| 2:     | -0.011 | 0.384  |
| 3:     | 0.389  | 0.390  |
| 4:     | 0.880  | -0.042 |
| 5:     | 0.118  | -0.194 |
| 6:     | -0.245 | -0.050 |
| 7:     | -0.623 | -0.467 |
| 8:     | 0.156  | -0.874 |
| 9:     | 0.526  | -0.570 |
| 10:    | 0.641  | -0.624 |

X CENTROID: 0.108

Y CENTROID: -0.139

POA TO CENTROID: 0.176

HORZ SPREAD: 1.627

VERT SPREAD: 1.530

GROUP SPREAD: 1.888

MIN RADIUS: 0.056

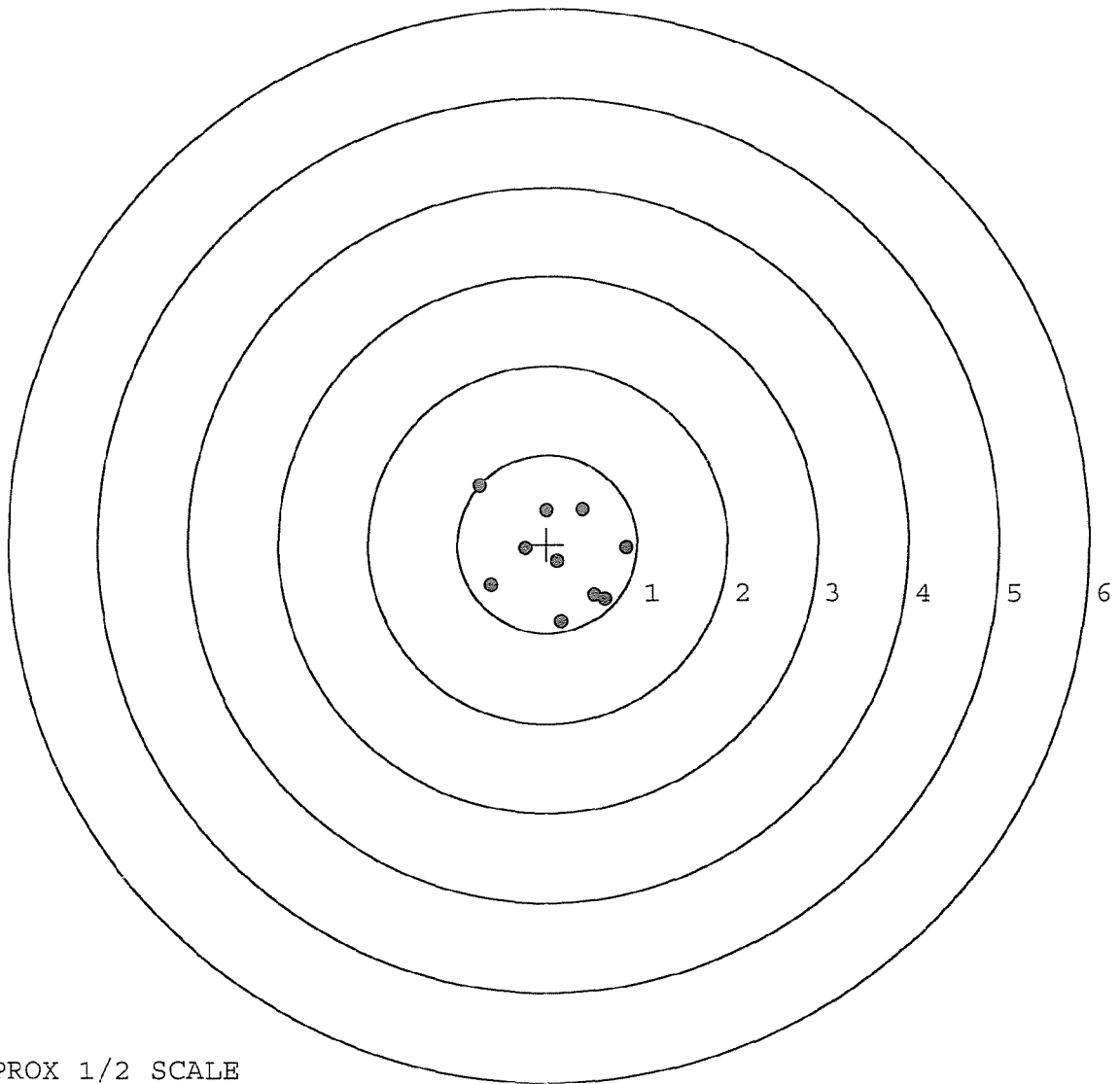
MAX RADIUS: 1.168

MEAN RADIUS: 0.636

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413589. \_\_0

TARGET NUMBER: 3

FILE DATE: 02/26/2007

FILE TIME: 23:07

| POINT# | X | Y |
|--------|---|---|
|--------|---|---|

|    |       |       |
|----|-------|-------|
| 1: | 0.031 | 0.978 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 2: | 0.337 | 0.944 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 3: | 0.634 | 0.509 |
|----|-------|-------|

|    |       |        |
|----|-------|--------|
| 4: | 1.038 | -0.112 |
|----|-------|--------|

|    |       |       |
|----|-------|-------|
| 5: | 0.176 | 0.110 |
|----|-------|-------|

|    |        |        |
|----|--------|--------|
| 6: | -0.521 | -0.169 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 7: | -0.295 | -0.489 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 8: | -0.007 | -0.758 |
|----|--------|--------|

|    |       |        |
|----|-------|--------|
| 9: | 0.415 | -1.310 |
|----|-------|--------|

|     |        |        |
|-----|--------|--------|
| 10: | -0.141 | -0.612 |
|-----|--------|--------|

X CENTROID: 0.167

Y CENTROID: -0.091

POA TO CENTROID: 0.190

HORZ SPREAD: 1.559

VERT SPREAD: 2.288

GROUP SPREAD: 2.320

MIN RADIUS: 0.201

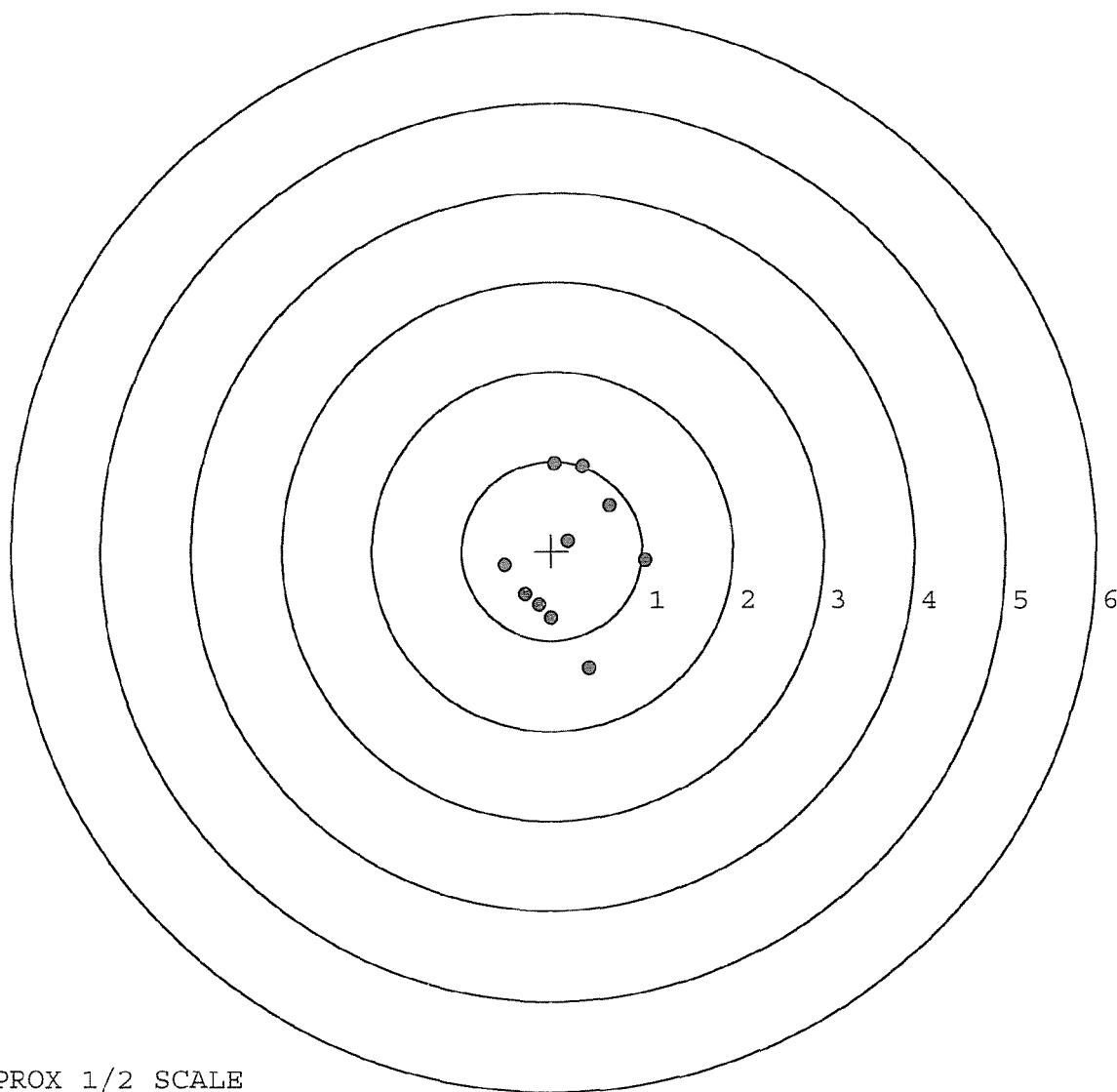
MAX RADIUS: 1.244

MEAN RADIUS: 0.780

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

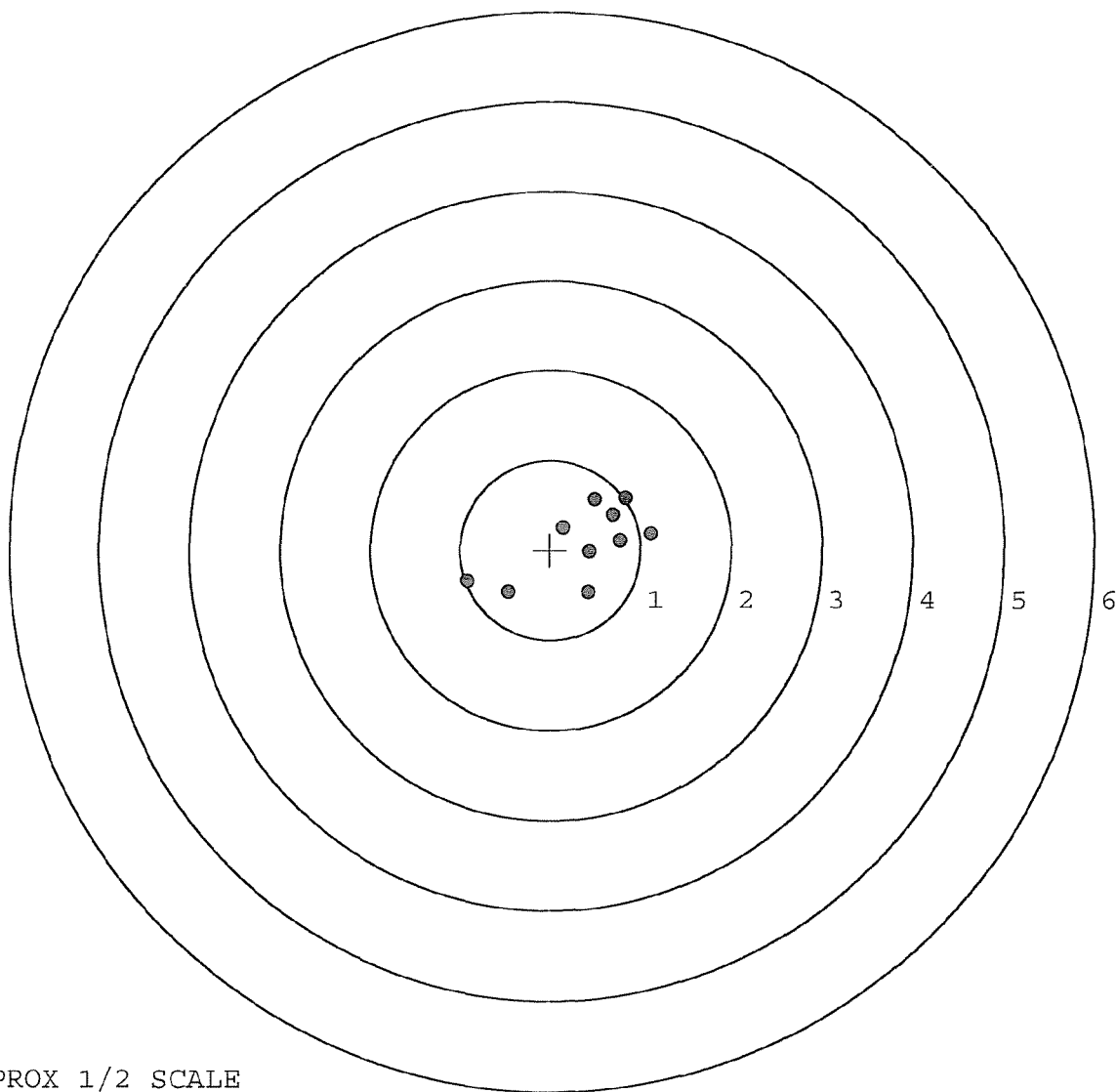


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413589. 0  
TARGET NUMBER: 4  
FILE DATE: 02/26/2007  
FILE TIME: 23:07

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.919 | -0.347 |
| 2:     | -0.465 | -0.473 |
| 3:     | 0.426  | -0.468 |
| 4:     | 0.143  | 0.247  |
| 5:     | 0.439  | -0.016 |
| 6:     | 0.771  | 0.113  |
| 7:     | 0.689  | 0.394  |
| 8:     | 0.487  | 0.568  |
| 9:     | 0.832  | 0.582  |
| 10:    | 1.108  | 0.186  |

X CENTROID: 0.351  
Y CENTROID: 0.079  
POA TO CENTROID: 0.360  
HORZ SPREAD: 2.027  
VERT SPREAD: 1.055  
GROUP SPREAD: 2.096  
MIN RADIUS: 0.129  
MAX RADIUS: 1.340  
MEAN RADIUS: 0.613  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413589. \_\_0

TARGET NUMBER: 5

FILE DATE: 02/26/2007

FILE TIME: 23:07

| POINT# | X | Y |
|--------|---|---|
|--------|---|---|

|    |        |       |
|----|--------|-------|
| 1: | -1.656 | 1.039 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 2: | -0.927 | 1.276 |
|----|--------|-------|

|    |       |       |
|----|-------|-------|
| 3: | 0.137 | 1.268 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 4: | 1.065 | 0.765 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 5: | 0.300 | 0.396 |
|----|-------|-------|

|    |        |        |
|----|--------|--------|
| 6: | -0.373 | -0.071 |
|----|--------|--------|

|    |       |        |
|----|-------|--------|
| 7: | 0.007 | -0.182 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 8: | -0.541 | -0.690 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 9: | -0.236 | -1.038 |
|----|--------|--------|

|     |        |        |
|-----|--------|--------|
| 10: | -0.139 | -1.447 |
|-----|--------|--------|

X CENTROID: -0.236

Y CENTROID: 0.132

POA TO CENTROID: 0.270

HORZ SPREAD: 2.721

VERT SPREAD: 2.723

GROUP SPREAD: 2.912

MIN RADIUS: 0.244

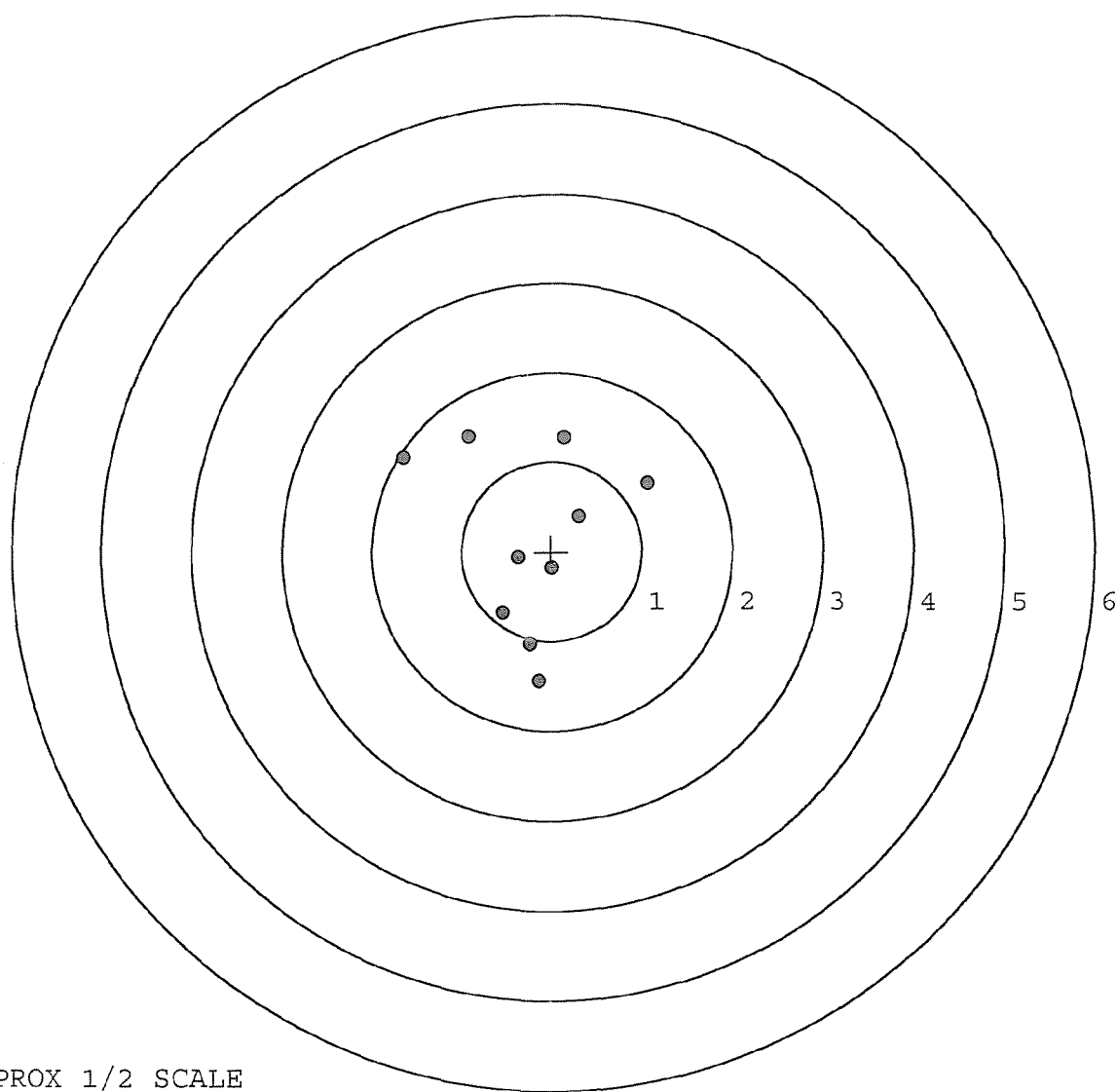
MAX RADIUS: 1.685

MEAN RADIUS: 1.053

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 4

# in 3 IN DIAMETER: 8



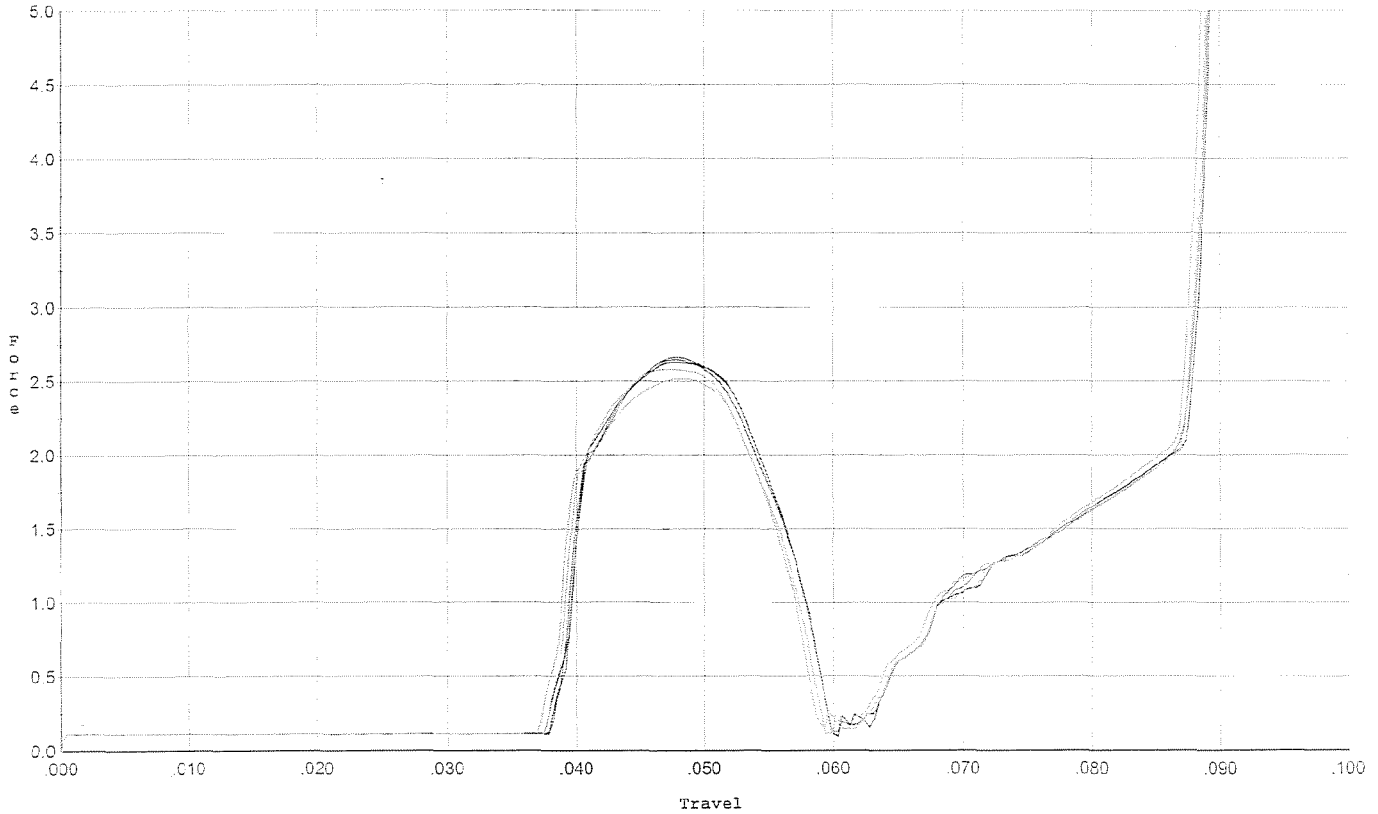
TARGET APPROX 1/2 SCALE



# Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putsch 2/19/07

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



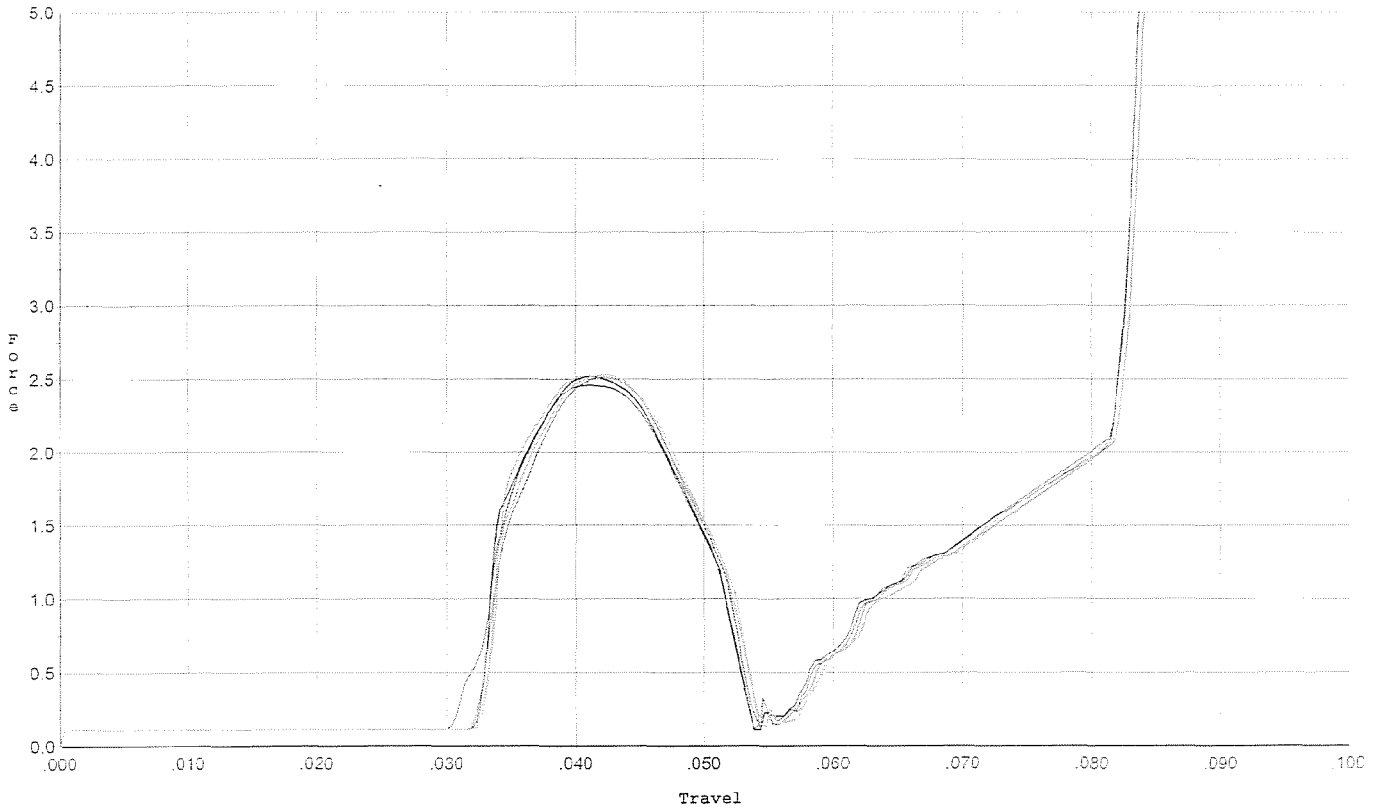
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.647      | 0.058             | 0.038           | 0.039      | 0.045             |           | Set Trigger |
| 2 | 2.631      | 0.058             | 0.038           | 0.039      | 0.045             |           | Set Trigger |
| 3 | 2.664      | 0.058             | 0.038           | 0.039      | 0.045             |           | Set Trigger |
| 4 | 2.518      | 0.058             | 0.038           | 0.039      | 0.044             |           | Set Trigger |
| 5 | 2.582      | 0.057             | 0.037           | 0.038      | 0.044             |           | Set Trigger |

Avg 2.60

# Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 2/19/07

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



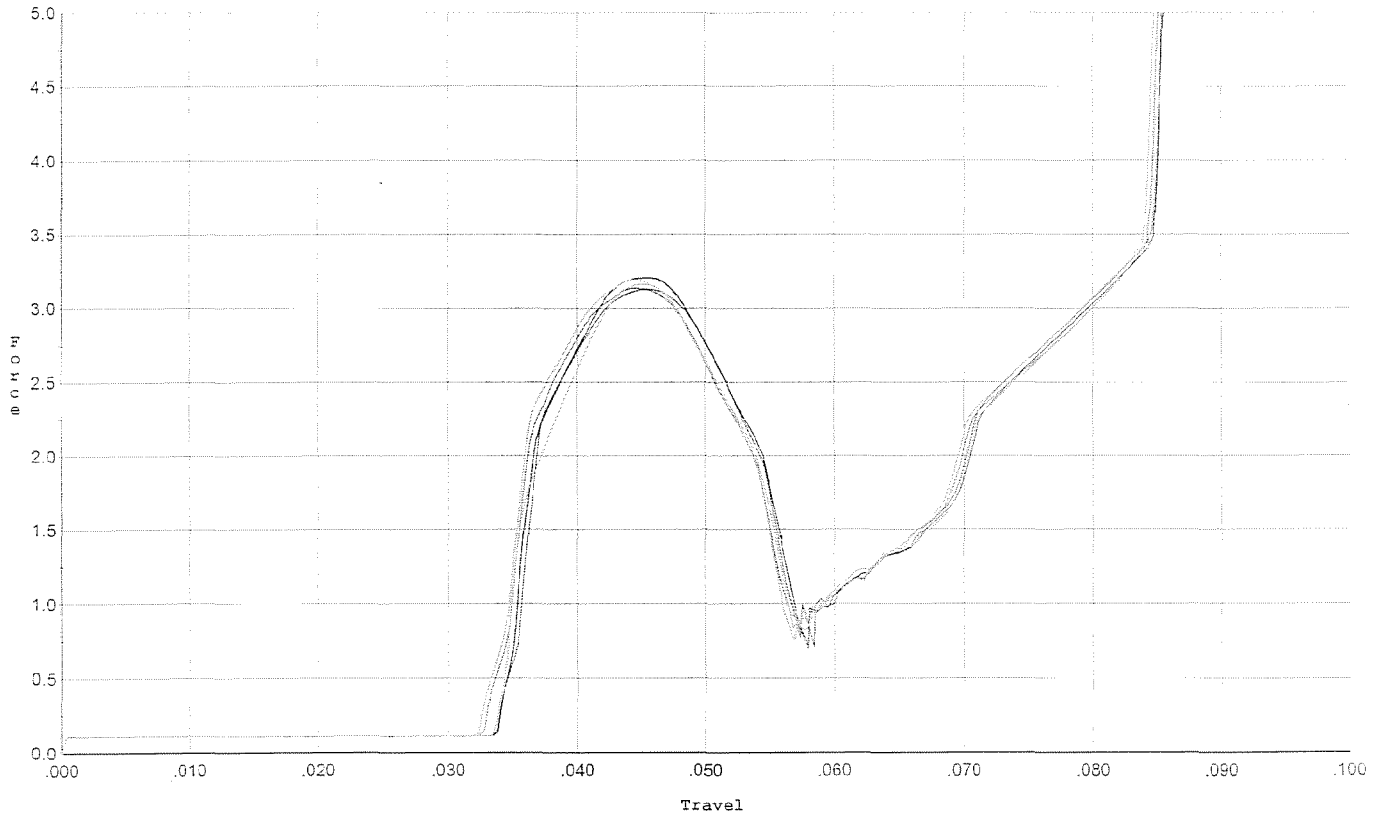
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.457      | 0.051             | 0.031           | 0.037      | 0.041             |           | Set Trigger |
| 2 | 2.518      | 0.051             | 0.033           | 0.037      | 0.041             |           | Set Trigger |
| 3 | 2.512      | 0.052             | 0.032           | 0.037      | 0.041             |           | Set Trigger |
| 4 | 2.529      | 0.052             | 0.033           | 0.037      | 0.042             |           | Set Trigger |
| 5 | 2.521      | 0.053             | 0.033           | 0.037      | 0.043             |           | Set Trigger |

Aug 2.50

# Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putsch 2/19/07

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



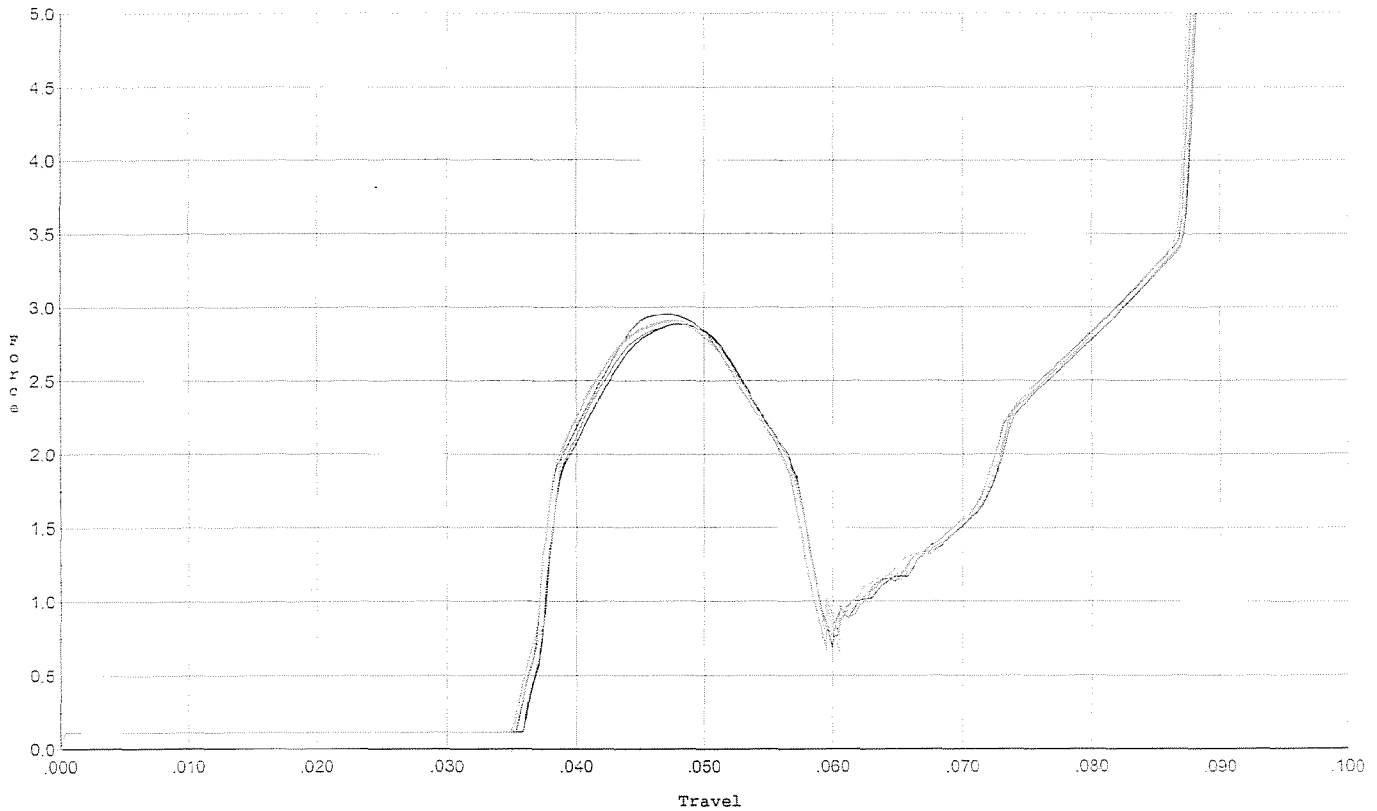
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.129      | 0.055             | 0.034           | 0.036      | 0.055             |           | Set Trigger |
| 2 | 3.207      | 0.056             | 0.034           | 0.035      | 0.058             |           | Set Trigger |
| 3 | 3.134      | 0.054             | 0.033           | 0.035      | 0.056             |           | Set Trigger |
| 4 | 3.164      | 0.055             | 0.034           | 0.035      | 0.056             |           | Set Trigger |
| 5 | 3.196      | 0.054             | 0.033           | 0.035      | 0.057             |           | Set Trigger |

AVG 3.16

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 2/19/07

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



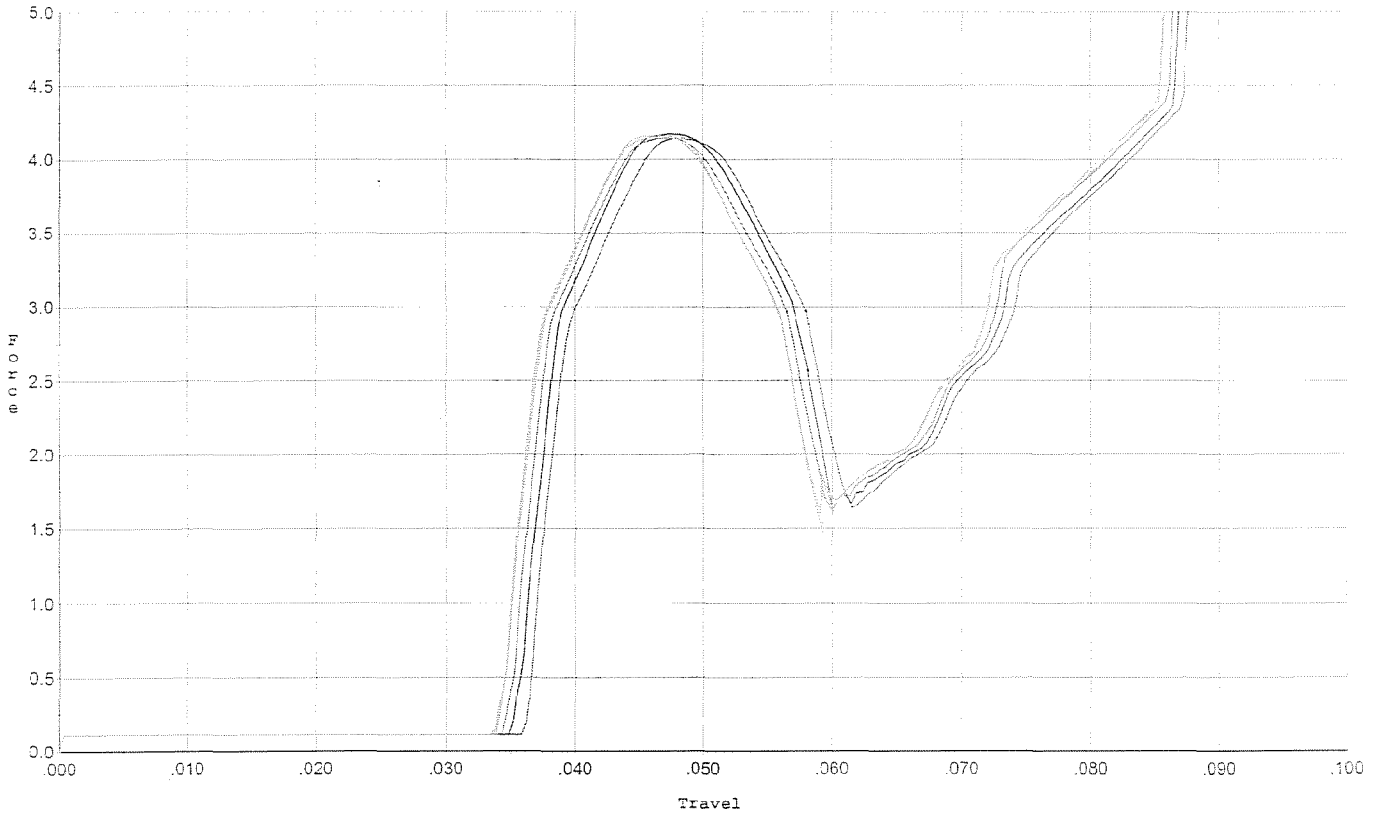
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.954      | 0.057             | 0.036           | 0.037      | 0.054             |           | Set Trigger |
| 2 | 2.884      | 0.057             | 0.036           | 0.037      | 0.053             |           | Set Trigger |
| 3 | 2.887      | 0.057             | 0.036           | 0.037      | 0.054             |           | Set Trigger |
| 4 | 2.913      | 0.057             | 0.035           | 0.036      | 0.054             |           | Set Trigger |
| 5 | 2.901      | 0.057             | 0.036           | 0.037      | 0.055             |           | Set Trigger |

Avg 2.90

# Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putsch 2/19/07

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



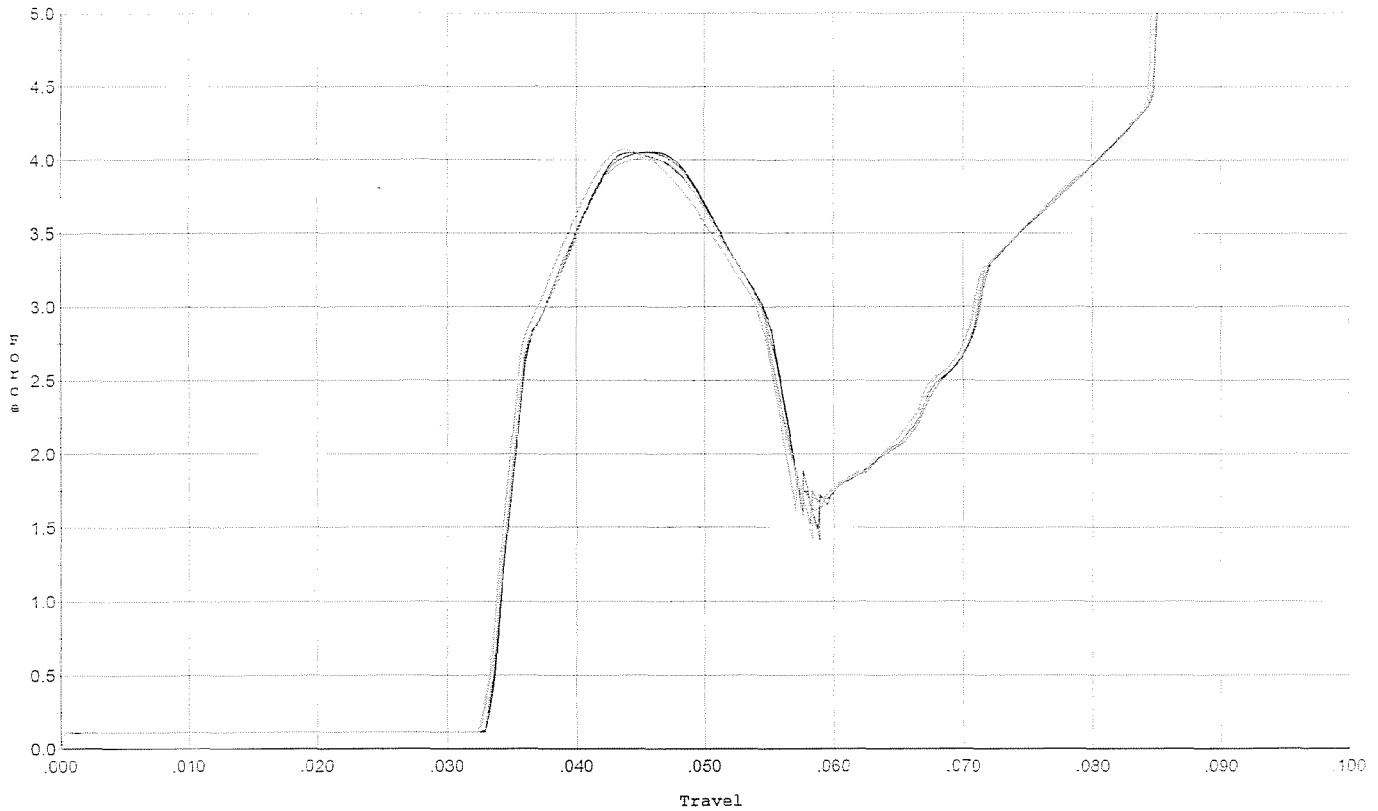
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.143      | 0.058             | 0.036           | 0.034      | 0.079             |           | Set Trigger |
| 2 | 4.174      | 0.058             | 0.035           | 0.034      | 0.081             |           | Set Trigger |
| 3 | 4.145      | 0.056             | 0.035           | 0.035      | 0.079             |           | Set Trigger |
| 4 | 4.155      | 0.056             | 0.034           | 0.034      | 0.079             |           | Set Trigger |
| 5 | 4.164      | 0.056             | 0.034           | 0.034      | 0.079             |           | Set Trigger |

Avg 4.15

# Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 2/19/07

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



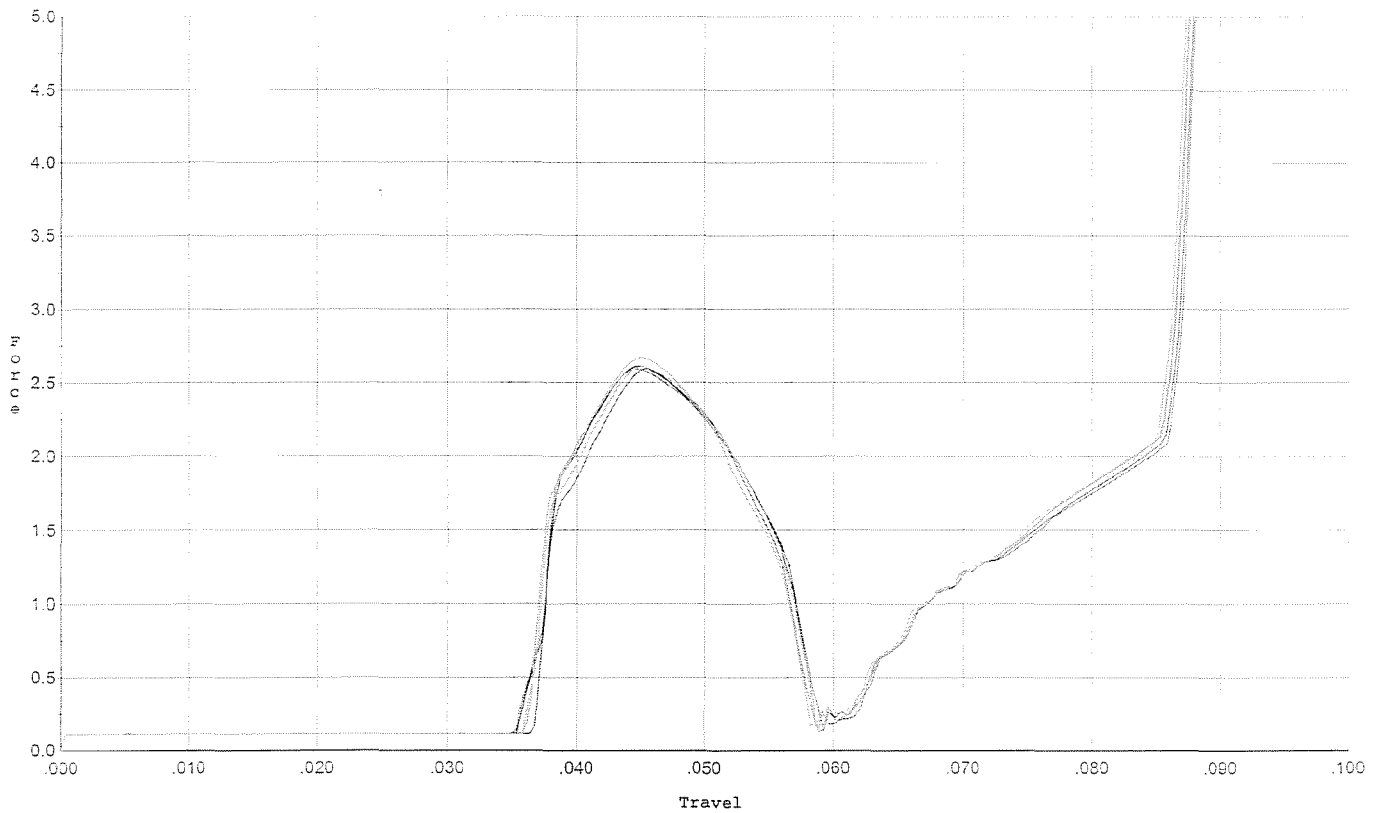
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.053      | 0.055             | 0.033           | 0.034      | 0.077             |           | Set Trigger |
| 2 | 4.054      | 0.055             | 0.033           | 0.034      | 0.077             |           | Set Trigger |
| 3 | 4.047      | 0.054             | 0.033           | 0.034      | 0.075             |           | Set Trigger |
| 4 | 4.013      | 0.055             | 0.033           | 0.034      | 0.076             |           | Set Trigger |
| 5 | 4.071      | 0.055             | 0.033           | 0.034      | 0.077             |           | Set Trigger |

Avg. 4.04

# Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 2/19/07

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



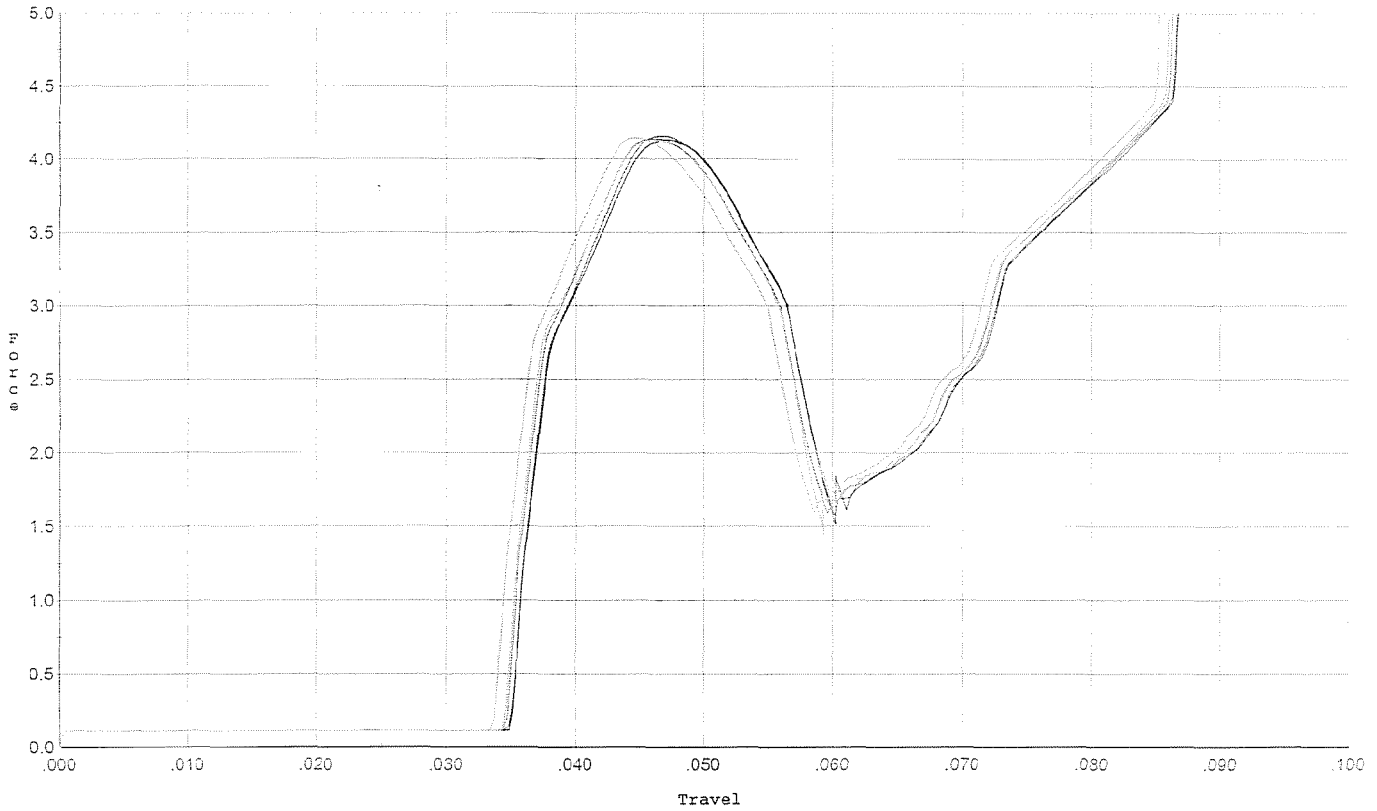
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.593      | 0.057             | 0.037           | 0.038      | 0.044             |           | Set Trigger |
| 2 | 2.607      | 0.057             | 0.036           | 0.038      | 0.046             |           | Set Trigger |
| 3 | 2.591      | 0.056             | 0.036           | 0.038      | 0.045             |           | Set Trigger |
| 4 | 2.607      | 0.057             | 0.036           | 0.037      | 0.046             |           | Set Trigger |
| 5 | 2.671      | 0.056             | 0.036           | 0.037      | 0.045             |           | Set Trigger |

Avg 2.61

# Trigger Profile [ lbs,inch ]

Profile: SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putsch 2/19/07

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 | 4.157      | 0.056             | 0.035           | 0.035      | 0.077             |           | Set Trigger |
| 2 | 4.131      | 0.056             | 0.035           | 0.035      | 0.077             |           | Set Trigger |
| 3 | 4.138      | 0.056             | 0.035           | 0.035      | 0.077             |           | Set Trigger |
| 4 | 4.131      | 0.056             | 0.035           | 0.035      | 0.077             |           | Set Trigger |
| 5 | 4.143      | 0.055             | 0.034           | 0.034      | 0.076             |           | Set Trigger |

Avg 4.14



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

|               |                      |                                           |                                 |
|---------------|----------------------|-------------------------------------------|---------------------------------|
| R & E NUMBER  | 124987               |                                           |                                 |
| SERIAL NUMBER | E60413589            |                                           |                                 |
| LOG-IN DATE   | 2-27-07              |                                           |                                 |
| OPERATION #   | OPERATION NAME       | DATE                                      | INITIAL                         |
| 500           | DIS-ASSEMBLE GUN     | 2-13-07                                   | RTZ                             |
| 505           | RE-BARREL            | 2-16-07                                   | RTZ                             |
| 560           | ASSEMBLE             | 2-16-07                                   | TRW                             |
| 600           | PROOF                | INSPECTED 2-16-07                         | Fm                              |
| 605           | CHECK HEADSPACE      | INSPECTED FEB 20 2007                     | Fm                              |
| 610           | DIS-ASSEMBLE GUN     | OPERATOR FEB 20 2007                      | RTZ                             |
| 612           | MAGNAFLUX            | OPERATOR CPD                              | APD                             |
| 510           | DRILL AND TAP        | NA 2-19-07                                | TRW                             |
| 615           | ROLLMARK CALIBER     | 2-19-07                                   | C.W                             |
| 618           | ROTO-BLAST           | 2-20-07                                   | LB                              |
| 620           | APPLY COATINGS       | 2-20-07                                   | WJ                              |
| 625           | FINAL ASSEMBLY       | 2-26-07                                   | RTZ                             |
| 640           | FUNCTION TEST AND    | PASS FAIL 2/26/07                         | non                             |
| 650           | TARGET               | PASS FAIL 2/26/07                         | non                             |
|               | MALFUNCTION          | CORRECTION                                |                                 |
|               | MALFUNCTION          | CORRECTION                                |                                 |
|               | MALFUNCTION          | CORRECTION                                |                                 |
|               | MALFUNCTION          | CORRECTION                                |                                 |
| 670           | FINAL INSPECTION     | 2-27-07                                   | RTZ                             |
|               | A) HEADSPACE         | PASS FAIL 2-27-07                         | RTZ                             |
|               | B) TRIGGER PULL      | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 2.65 2.68 2.65 2.69 2.70 2.2707 |
| 680           | F) SAFETY ON FORCE   | 2 LBS MIN<br>10 LBS MAX                   | 4.0 3.5 3.5 2-27-07             |
|               | G) SAFETY OFF FORCE  | 2 LBS<br>MIN                              | 2.5 2.5 2.5 2-27-07             |
|               | I) FIRING PIN INDENT | .020                                      | 1021 .0215 1021 2-27-07         |
| 690           | PACK                 |                                           | 2-27-07                         |

**Amn 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: **RE00043043** Serial: C6225460 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 3/11/02 10:40:16 AM

Verify Repair

**Address Information**

Customer: ☒ Received From Return To: ☐ Received From

Name: **HHC 1/503RD INFANTRY REGIMENT** **HHC 1/503RD INFANTRY REGIMENT**

Address 1: **UNIT 15059** **UNIT 15059**

Address 2:  PO Box:   PO Box:

City: **APD** **APD**

State: **CA** Zip Code: **96224** Country: **US** State: **CA** Zip Code: **96224** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

**Contact Information**

Phone:

Fax:

Email:

Comments:

**Received Condition**

Condition: **Poor**

Condition Notes:

CSR Notes:

**Accessories Received**

| Code | Desc       | Qty |
|------|------------|-----|
| A007 | With Stud  | 1   |
| A017 | Scope Base | 1   |

**Repair Search Refresh Close**

naglej 3/11/02 10:58 AM CAPS NUM IWS SCFL

Start Inbo... SW... FAC... SW... M-24... Ar... Print... Print... 10:58 AM

Serial Number: **C6225460**

Model: **700**



**RE00043043**

*New*

*E6413589*

*3/22/02*

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413589.\_\_\_0

FILE DATE AND TIME: 03/26/2002 18:11

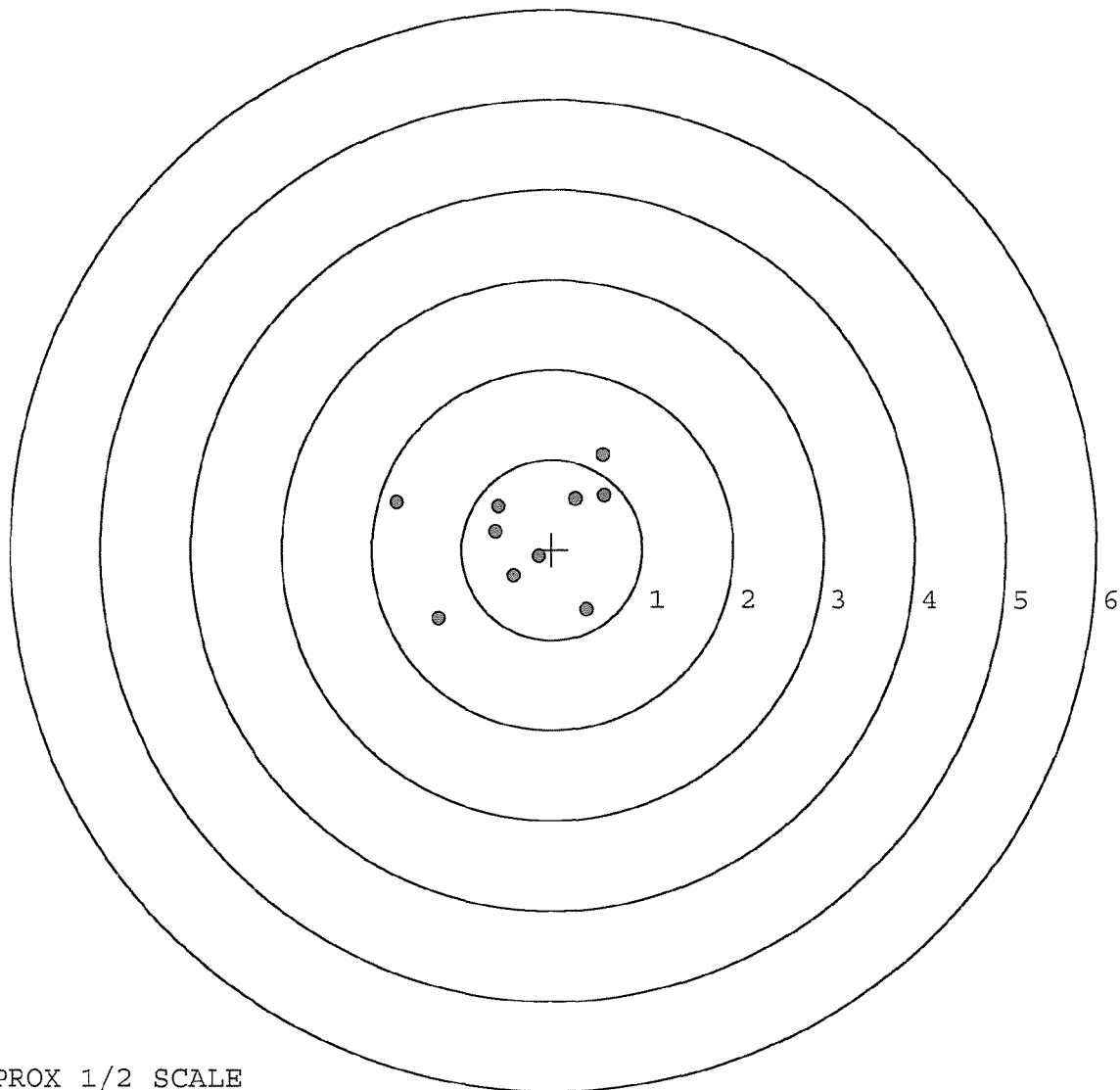
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.160 |
| The Average Y Centroid of the Five Target Set:              | -0.043 |
| The Average Point of Impact of the Five Target Set:         | 0.166  |
| The Average Mean Radius of the Five Target Set:             | 0.589  |
| The Distance from POA to Centroid Target #1:                | 0.342  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.368  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.330  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.443  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.141  |

SERIAL NUMBER: E6413589. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 03/26/2002  
FILE TIME: 18:11

X CENTROID: -0.300  
Y CENTROID: 0.164  
POA TO CENTROID: 0.342  
HORZ SPREAD: 2.308  
VERT SPREAD: 1.824  
GROUP SPREAD: 2.421  
MIN RADIUS: 0.291  
MAX RADIUS: 1.475  
MEAN RADIUS: 0.832  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.731 | 0.520  |
| 2:     | -1.255 | -0.768 |
| 3:     | 0.381  | -0.664 |
| 4:     | 0.577  | 0.609  |
| 5:     | 0.561  | 1.056  |
| 6:     | 0.257  | 0.569  |
| 7:     | -0.140 | -0.080 |
| 8:     | -0.595 | 0.480  |
| 9:     | -0.630 | 0.203  |
| 10:    | -0.422 | -0.287 |

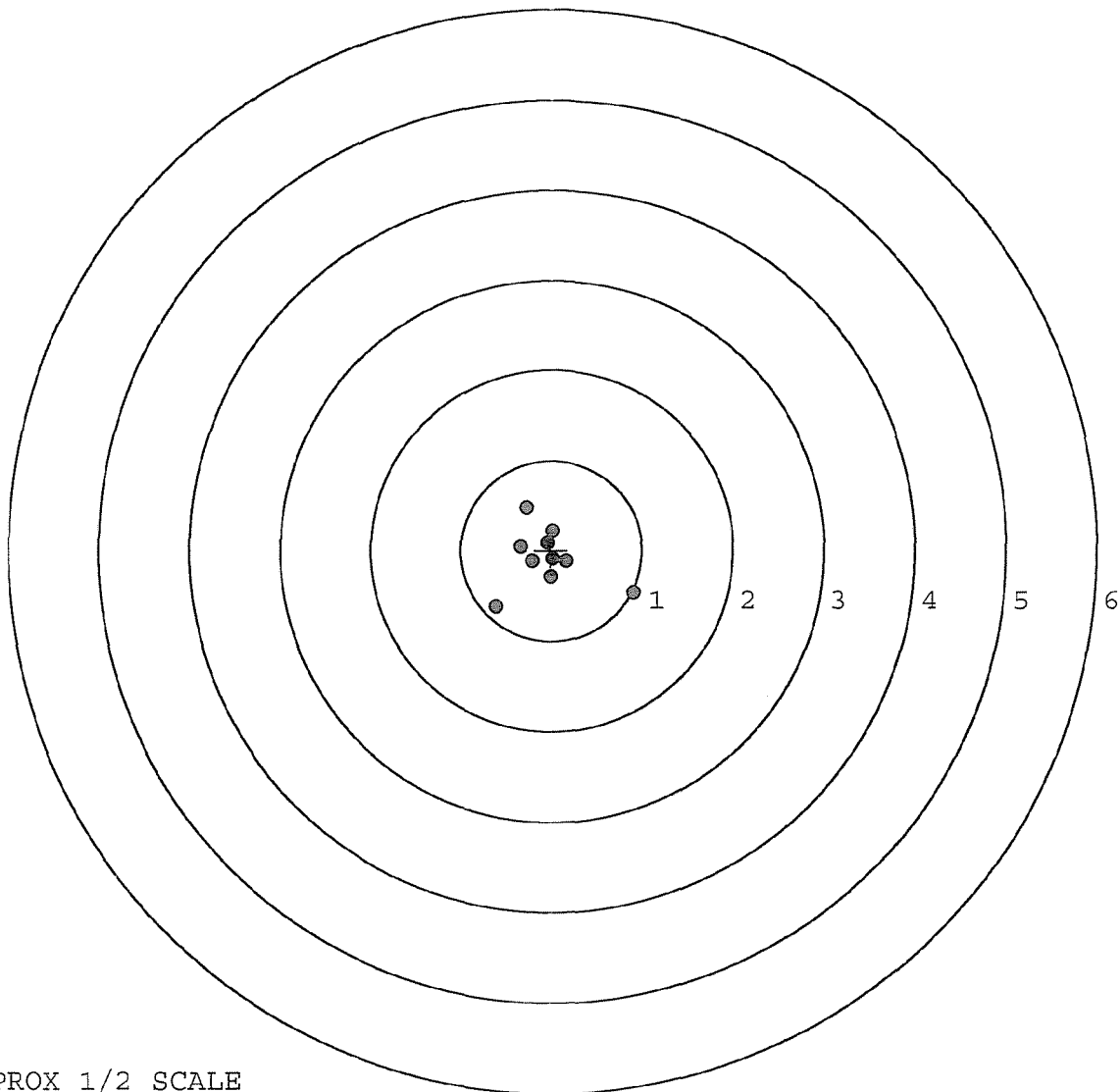


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413589. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 03/26/2002  
FILE TIME: 18:11

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.912  | -0.470 |
| 2:     | -0.612 | -0.624 |
| 3:     | -0.275 | 0.480  |
| 4:     | 0.025  | 0.219  |
| 5:     | 0.170  | -0.122 |
| 6:     | -0.006 | -0.295 |
| 7:     | -0.211 | -0.123 |
| 8:     | -0.340 | 0.041  |
| 9:     | -0.034 | 0.082  |
| 10:    | 0.026  | -0.098 |

X CENTROID: -0.034  
Y CENTROID: -0.091  
POA TO CENTROID: 0.097  
HORZ SPREAD: 1.524  
VERT SPREAD: 1.104  
GROUP SPREAD: 1.532  
MIN RADIUS: 0.061  
MAX RADIUS: 1.020  
MEAN RADIUS: 0.390  
# IN 1 IN DIAMETER: 7  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

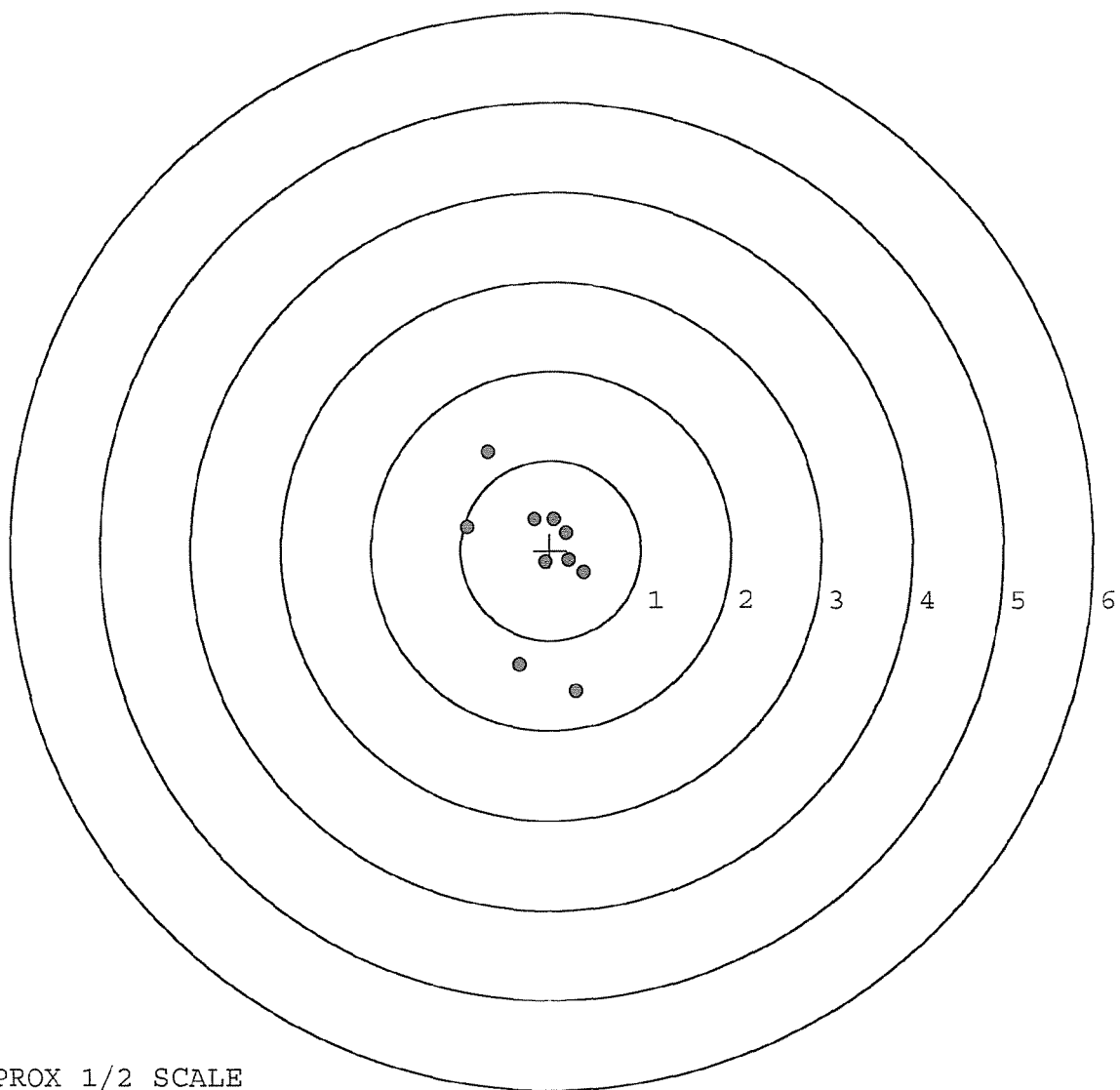


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413589. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 03/26/2002  
FILE TIME: 18:11

X CENTROID: -0.115  
Y CENTROID: -0.109  
POA TO CENTROID: 0.159  
HORZ SPREAD: 1.299  
VERT SPREAD: 2.660  
GROUP SPREAD: 2.837  
MIN RADIUS: 0.063  
MAX RADIUS: 1.515  
MEAN RADIUS: 0.719  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9

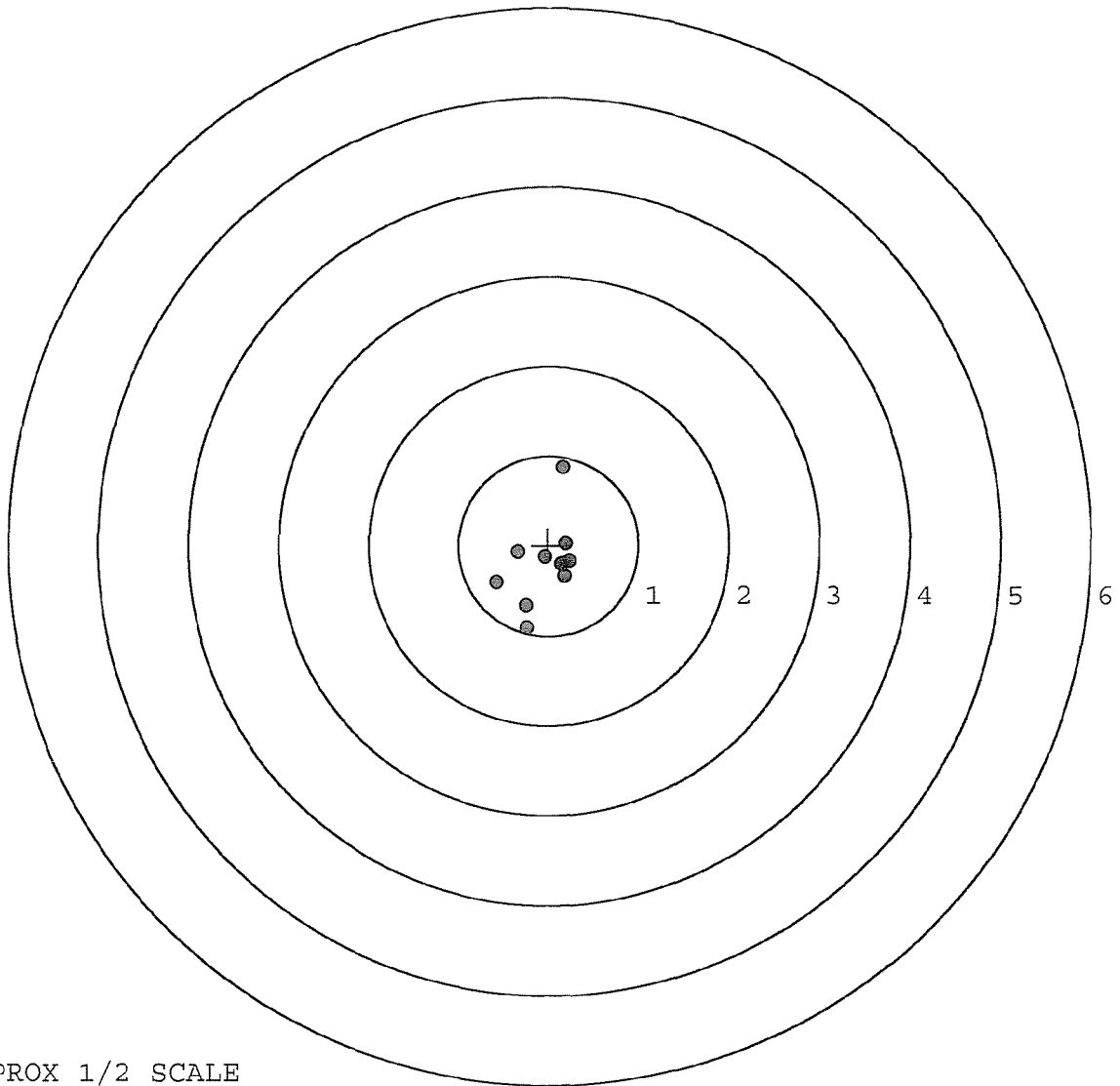
| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.281  | -1.572 |
| 2:     | -0.343 | -1.280 |
| 3:     | -0.932 | 0.259  |
| 4:     | -0.705 | 1.088  |
| 5:     | 0.367  | -0.249 |
| 6:     | -0.055 | -0.129 |
| 7:     | -0.180 | 0.352  |
| 8:     | 0.039  | 0.349  |
| 9:     | 0.173  | 0.197  |
| 10:    | 0.206  | -0.107 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413589. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 03/26/2002  
FILE TIME: 18:11

|                     | POINT# | X      | Y      |
|---------------------|--------|--------|--------|
|                     | 1:     | -0.242 | -0.917 |
|                     | 2:     | -0.253 | -0.670 |
|                     | 3:     | -0.580 | -0.411 |
|                     | 4:     | 0.166  | 0.872  |
|                     | 5:     | -0.335 | -0.080 |
|                     | 6:     | 0.182  | -0.341 |
|                     | 7:     | 0.199  | 0.024  |
|                     | 8:     | 0.238  | -0.174 |
|                     | 9:     | -0.040 | -0.127 |
|                     | 10:    | 0.148  | -0.207 |
| X CENTROID:         |        | -0.052 |        |
| Y CENTROID:         |        | -0.203 |        |
| POA TO CENTROID:    |        | 0.210  |        |
| HORZ SPREAD:        |        | 0.818  |        |
| VERT SPREAD:        |        | 1.789  |        |
| GROUP SPREAD:       |        | 1.835  |        |
| MIN RADIUS:         |        | 0.077  |        |
| MAX RADIUS:         |        | 1.097  |        |
| MEAN RADIUS:        |        | 0.440  |        |
| # IN 1 IN DIAMETER: |        | 6      |        |
| # IN 2 IN DIAMETER: |        | 9      |        |
| # in 3 IN DIAMETER: |        | 10     |        |



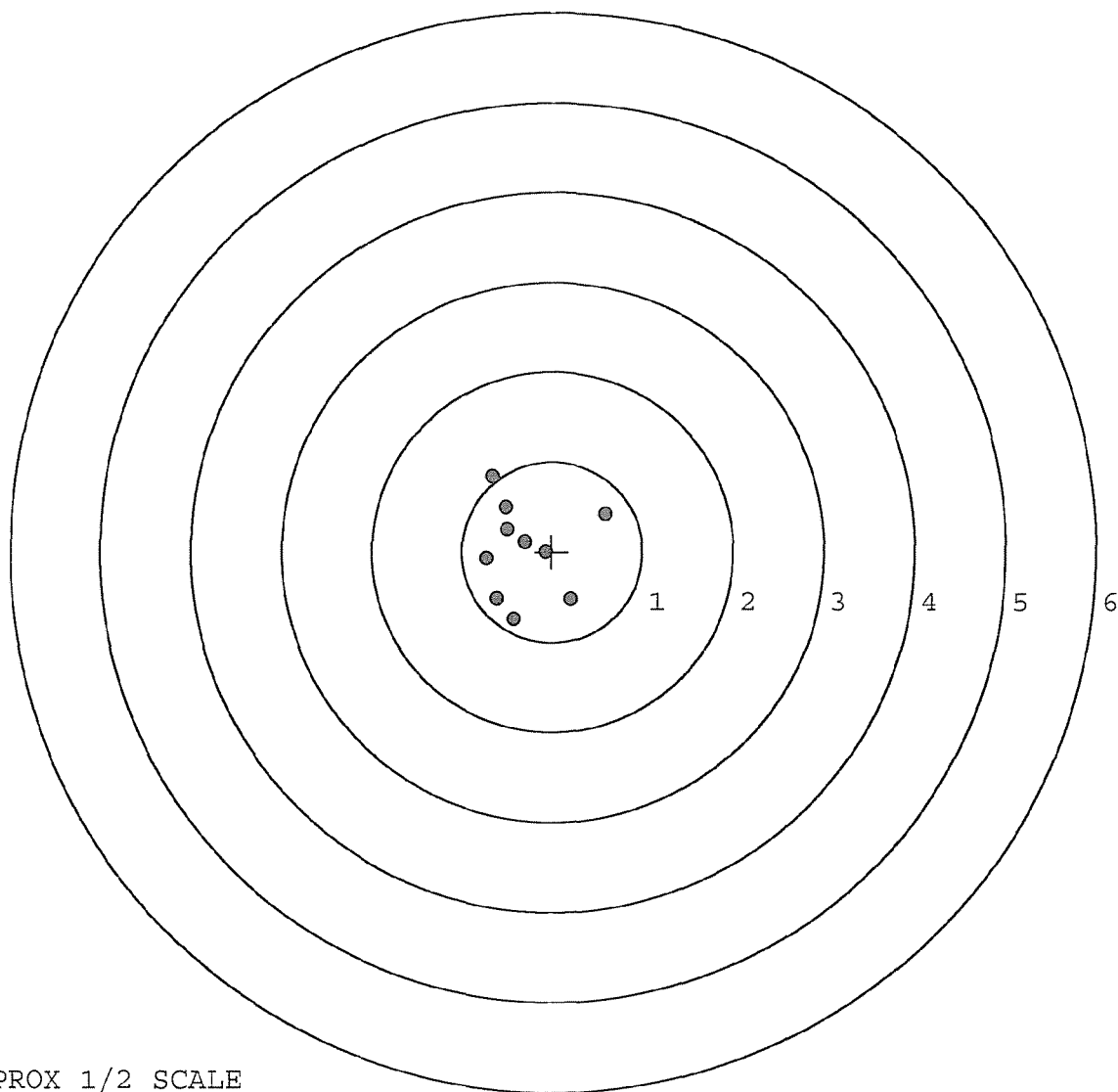
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413589. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 03/26/2002  
FILE TIME: 18:11

X CENTROID: -0.301  
Y CENTROID: 0.023  
POA TO CENTROID: 0.302  
HORZ SPREAD: 1.316  
VERT SPREAD: 1.591  
GROUP SPREAD: 1.549  
MIN RADIUS: 0.086  
MAX RADIUS: 0.977  
MEAN RADIUS: 0.562

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.211  | -0.531 |
| 2:     | 0.591  | 0.422  |
| 3:     | -0.666 | 0.839  |
| 4:     | -0.725 | -0.078 |
| 5:     | -0.609 | -0.523 |
| 6:     | -0.420 | -0.752 |
| 7:     | -0.069 | -0.002 |
| 8:     | -0.300 | 0.109  |
| 9:     | -0.503 | 0.248  |
| 10:    | -0.519 | 0.499  |

# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



**M-24 INSPECTION CHECKLIST**  
**CONTRACT #: DAAE-20-97-C-242**

|                                |                          |                     |                |
|--------------------------------|--------------------------|---------------------|----------------|
| <b>R &amp; E NUMBER</b> 43043  |                          |                     |                |
| <b>SERIAL NUMBER</b> C622 5460 |                          | F64/3589            |                |
| <b>LOG-IN DATE</b> 3/11/02     |                          |                     |                |
| <b>INSPECT AND VERIFY:</b>     |                          |                     |                |
| <b>OPERATION #</b>             | <b>OPERATION NAME</b>    | <b>DATE</b>         | <b>INITIAL</b> |
| 550                            | DIS-ASSEMBLE GUN         | 3/15/02             | RH             |
| 560 A                          | RE-BARREL AT CUSTOM SHOP | 3/18/02             | BWT            |
| B                              | DRILL AND TAP            | 3/18/02             | BWT            |
| C                              | POLISH                   |                     |                |
| 575                            | ASSEMBLE                 | 3/18/02             | RH             |
| 600                            | PROOF                    | 3/18/02             | RW             |
| 605                            | CHECK HEADSPACE          | 3/18/02             | RW             |
| 610                            | DIS-ASSEMBLE GUN         | 3/18/02             | RW             |
| 612                            | MAGNAFLUX                |                     | OPERATOR AL    |
| 615                            | ROLLMARK CALIBER         | 3/19/02             | TCD            |
| 618                            | ROTO-BLAST               |                     |                |
| 620                            | APPLY COATINGS           | 3-21                | TA             |
| 625 A                          | FINAL ASSEMBLY           | 3/23/02             | RH             |
| B                              | TRIGGER PULL TEST        |                     |                |
| C                              | SAFETY "ON" FORCE        |                     |                |
| D                              | SAFETY "OFF" FORCE       |                     |                |
| E                              | FIRING PIN INDENT        |                     |                |
| 640                            | TARGET                   | 3-26-02             | TRW            |
| 655                            | FINAL INSPECT            | 3-27-02             | RH             |
| 660                            | PACK                     | 3-27-02             | DA             |
|                                |                          | SHIP DATE           |                |
|                                |                          | QAR INSPECTION DATE |                |