

G653 5236  
Replaced  
F 641 3617

## 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: RE00132645

Serial: G6535236 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 8/14/2007 8:30:38 AM

## Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION DIVISION DFEL

TRANSPORTATION DIVISION DFEL

Address 1: 6759 MITCHELL AVENUE

6759 MITCHELL AVENUE

Address 2: BLDG 1836

PO Box:

BLDG 1836

PO Box:

City: FORT BENNING

FORT BENNING

State: GA

Zip Code: 31905

Country: US

State: GA

Zip Code: 31905

Country: US

FFL:

## Contact / Condition

## Problems

## Estimate

## History / Status

## Shipping / Billing

## Contact Information

Phone: NN

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   |
| A026 | Scope                 | 1   |
| A057 | Fit and Rear Sgt Base | 1   |

## Repair Search

## Refresh

## Close

naglel

8/14/2007

3:23 PM

CAPS

NUM

INS

SCRL



2 M.

6 I..

3 M.

Par...

Ar...

Mis...

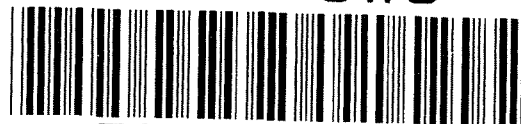
Ad...

3:23 PM

Serial  
Number:

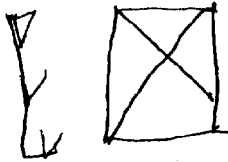
G6535236

Model: M24 SWS



RE00132645

New Bi Pod



85

14  
35 21

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535236.\_\_0

FILE DATE AND TIME: 09/27/2007 05:22

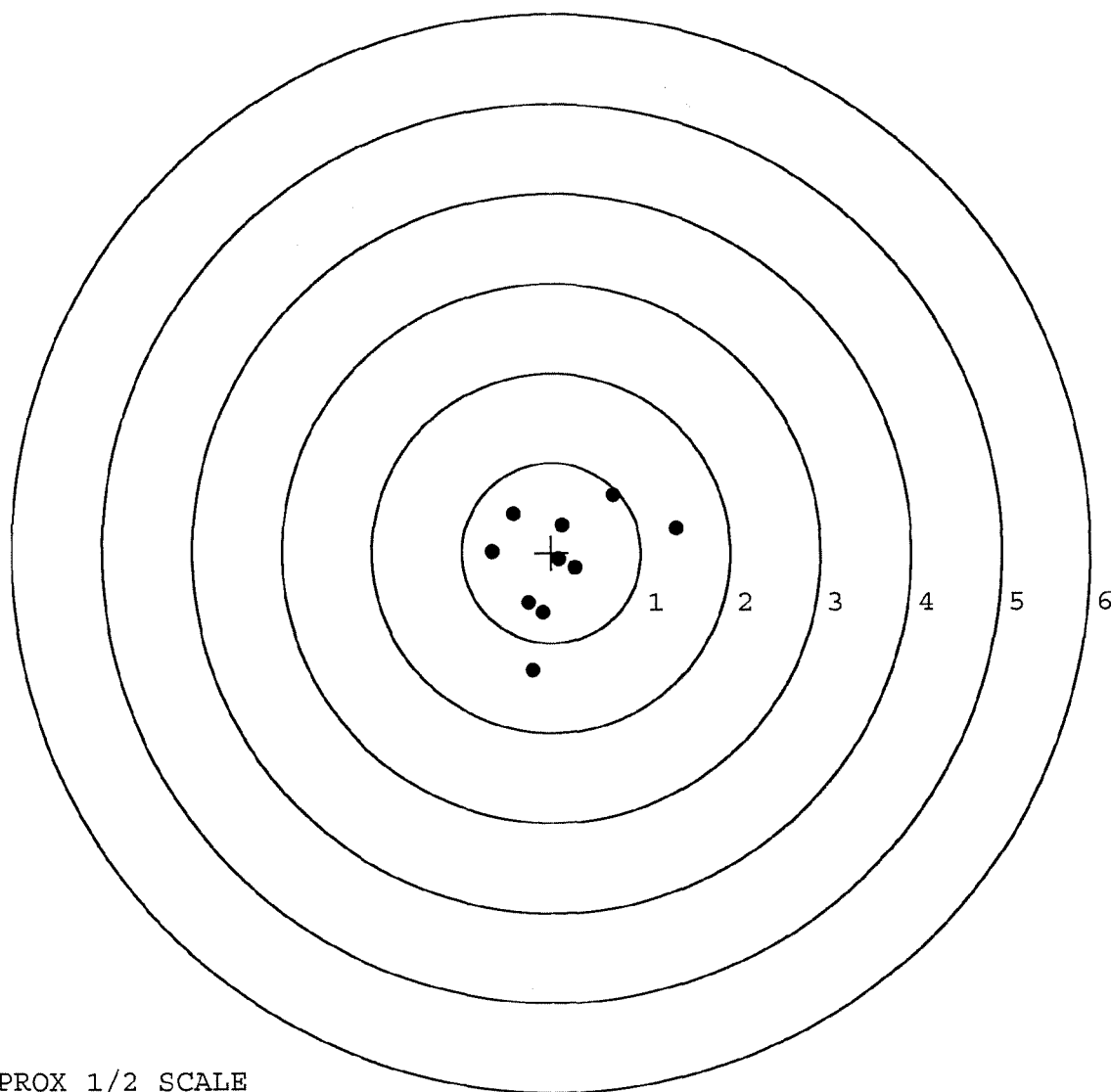
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.021  |
| The Average Y Centroid of the Five Target Set:              | -0.051 |
| The Average Point of Impact of the Five Target Set:         | 0.055  |
| The Average Mean Radius of the Five Target Set:             | 0.685  |
| The Distance from POA to Centroid Target #1:                | 0.142  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.194  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.088  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.211  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.134  |

SERIAL NUMBER: G6535236. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 09/27/2007  
FILE TIME: 05:22

X CENTROID: 0.088  
Y CENTROID: -0.111  
POA TO CENTROID: 0.142  
HORZ SPREAD: 2.061  
VERT SPREAD: 1.953  
GROUP SPREAD: 2.257  
MIN RADIUS: 0.037  
MAX RADIUS: 1.364  
MEAN RADIUS: 0.687  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.399  | 0.265  |
| 2:     | 0.690  | 0.644  |
| 3:     | -0.218 | -1.309 |
| 4:     | -0.105 | -0.667 |
| 5:     | -0.261 | -0.555 |
| 6:     | 0.266  | -0.169 |
| 7:     | 0.086  | -0.074 |
| 8:     | 0.116  | 0.306  |
| 9:     | -0.431 | 0.430  |
| 10:    | -0.662 | 0.017  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535236. \_\_0

TARGET NUMBER: 2

FILE DATE: 09/27/2007

FILE TIME: 05:22

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.678  | -0.802 |
| 2:     | 0.084  | -0.696 |
| 3:     | 0.156  | -0.372 |
| 4:     | 0.167  | 0.077  |
| 5:     | 0.506  | 0.289  |
| 6:     | 0.039  | 0.534  |
| 7:     | -0.485 | 0.568  |
| 8:     | -0.837 | 0.254  |
| 9:     | -0.491 | -0.189 |
| 10:    | -0.867 | -0.594 |

X CENTROID: -0.105

Y CENTROID: -0.093

POA TO CENTROID: 0.140

HORZ SPREAD: 1.545

VERT SPREAD: 1.370

GROUP SPREAD: 1.847

MIN RADIUS: 0.321

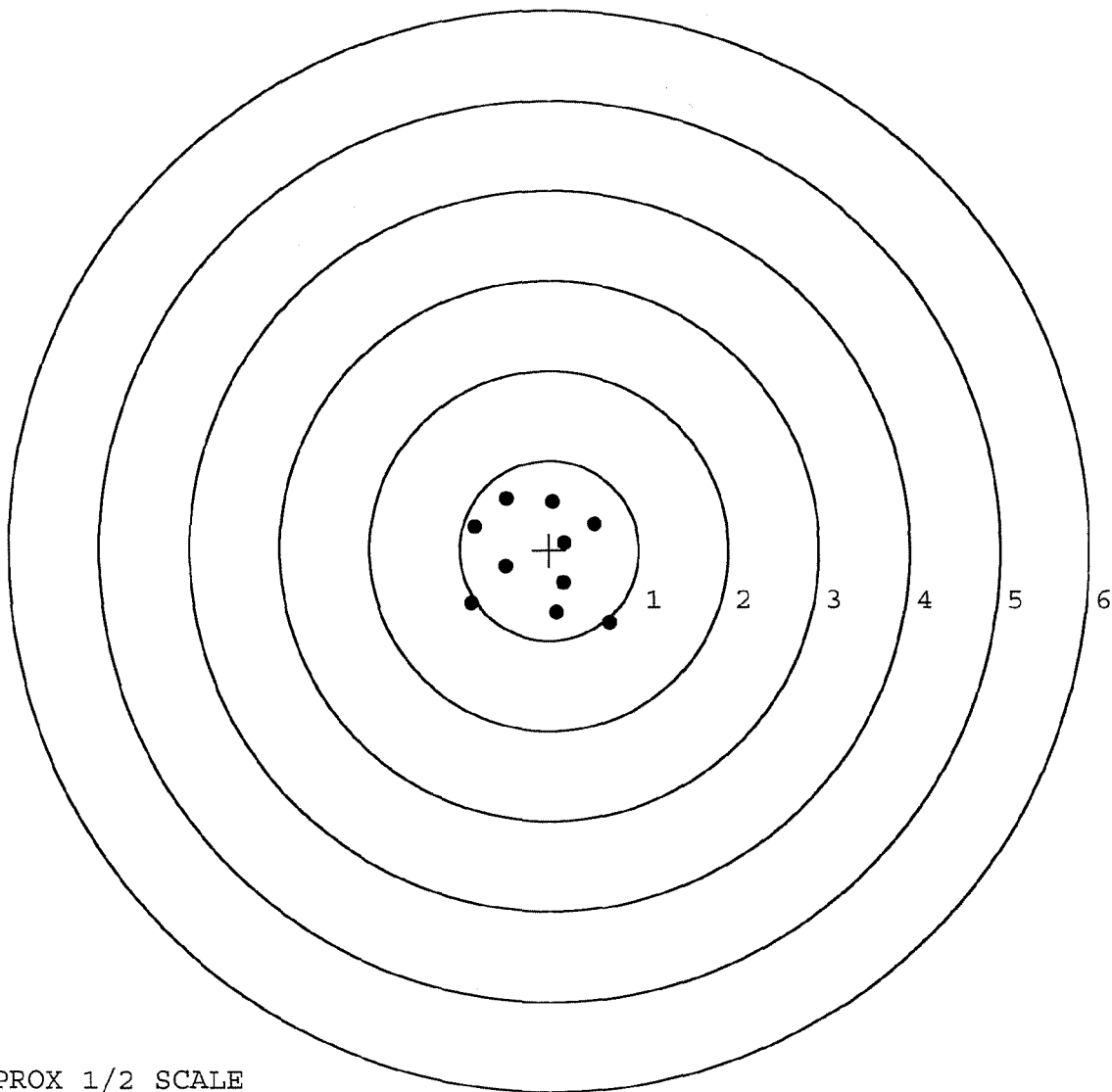
MAX RADIUS: 1.056

MEAN RADIUS: 0.664

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535236. \_\_0

TARGET NUMBER: 3

FILE DATE: 09/27/2007

FILE TIME: 05:22

X CENTROID: 0.169

Y CENTROID: -0.078

POA TO CENTROID: 0.187

HORZ SPREAD: 1.672

VERT SPREAD: 1.945

GROUP SPREAD: 2.495

MIN RADIUS: 0.229

MAX RADIUS: 1.383

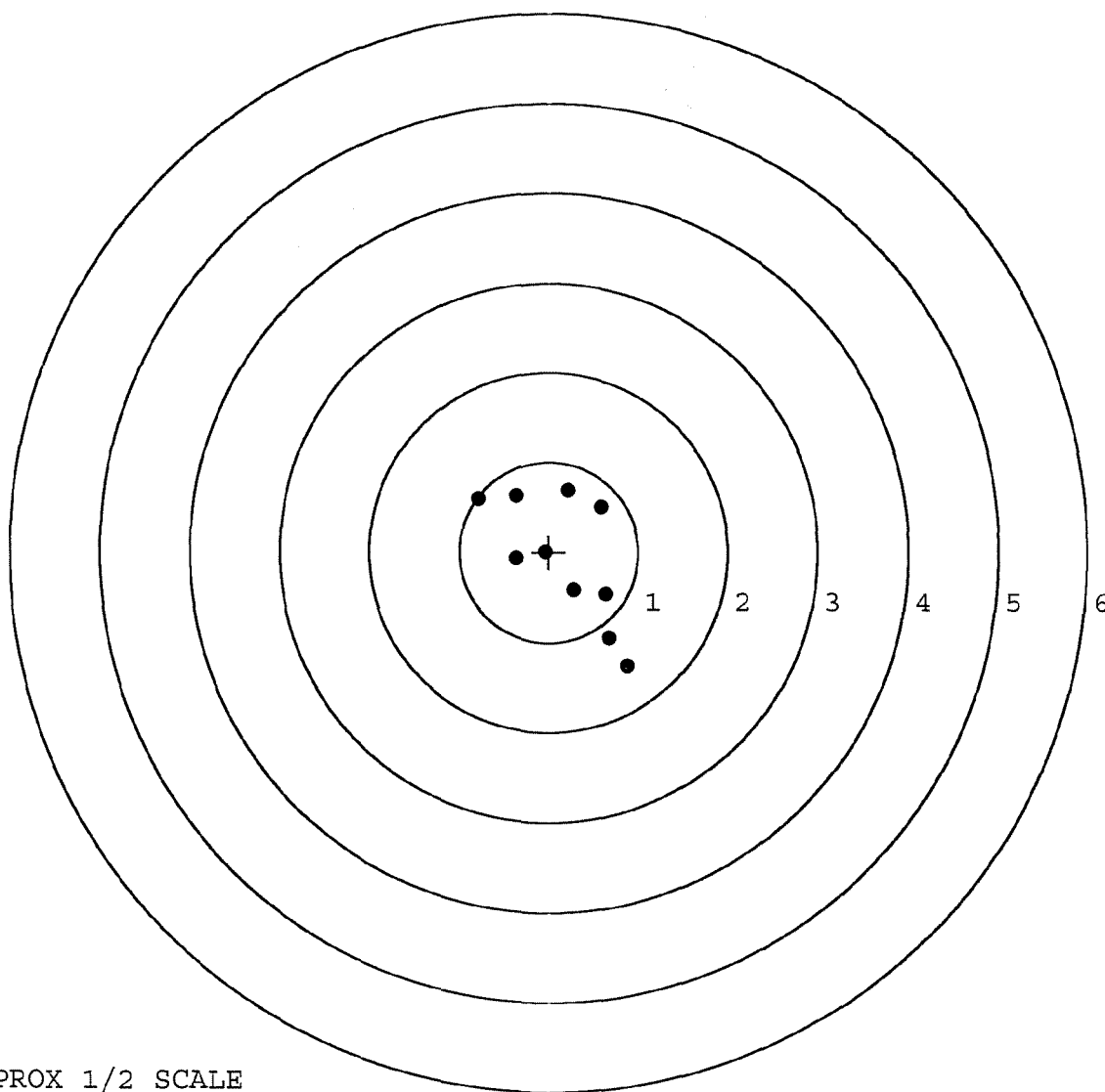
MEAN RADIUS: 0.765

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.583  | 0.500  |
| 2:     | 0.220  | 0.680  |
| 3:     | -0.372 | 0.622  |
| 4:     | -0.792 | 0.587  |
| 5:     | 0.880  | -1.265 |
| 6:     | 0.679  | -0.950 |
| 7:     | 0.635  | -0.460 |
| 8:     | 0.274  | -0.423 |
| 9:     | -0.045 | 0.003  |
| 10:    | -0.368 | -0.077 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535236. \_\_0

TARGET NUMBER: 4

FILE DATE: 09/27/2007

FILE TIME: 05:22

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.309  | -0.809 |
| 2:     | 0.443  | -0.501 |
| 3:     | 0.314  | -0.262 |
| 4:     | 0.381  | 0.123  |
| 5:     | 0.148  | 0.048  |
| 6:     | -0.132 | 0.492  |
| 7:     | -0.168 | 1.018  |
| 8:     | -0.670 | 0.349  |
| 9:     | -0.787 | -0.070 |
| 10:    | -0.038 | 0.310  |

X CENTROID: -0.020

Y CENTROID: 0.070

POA TO CENTROID: 0.073

HORZ SPREAD: 1.230

VERT SPREAD: 1.827

GROUP SPREAD: 1.888

MIN RADIUS: 0.169

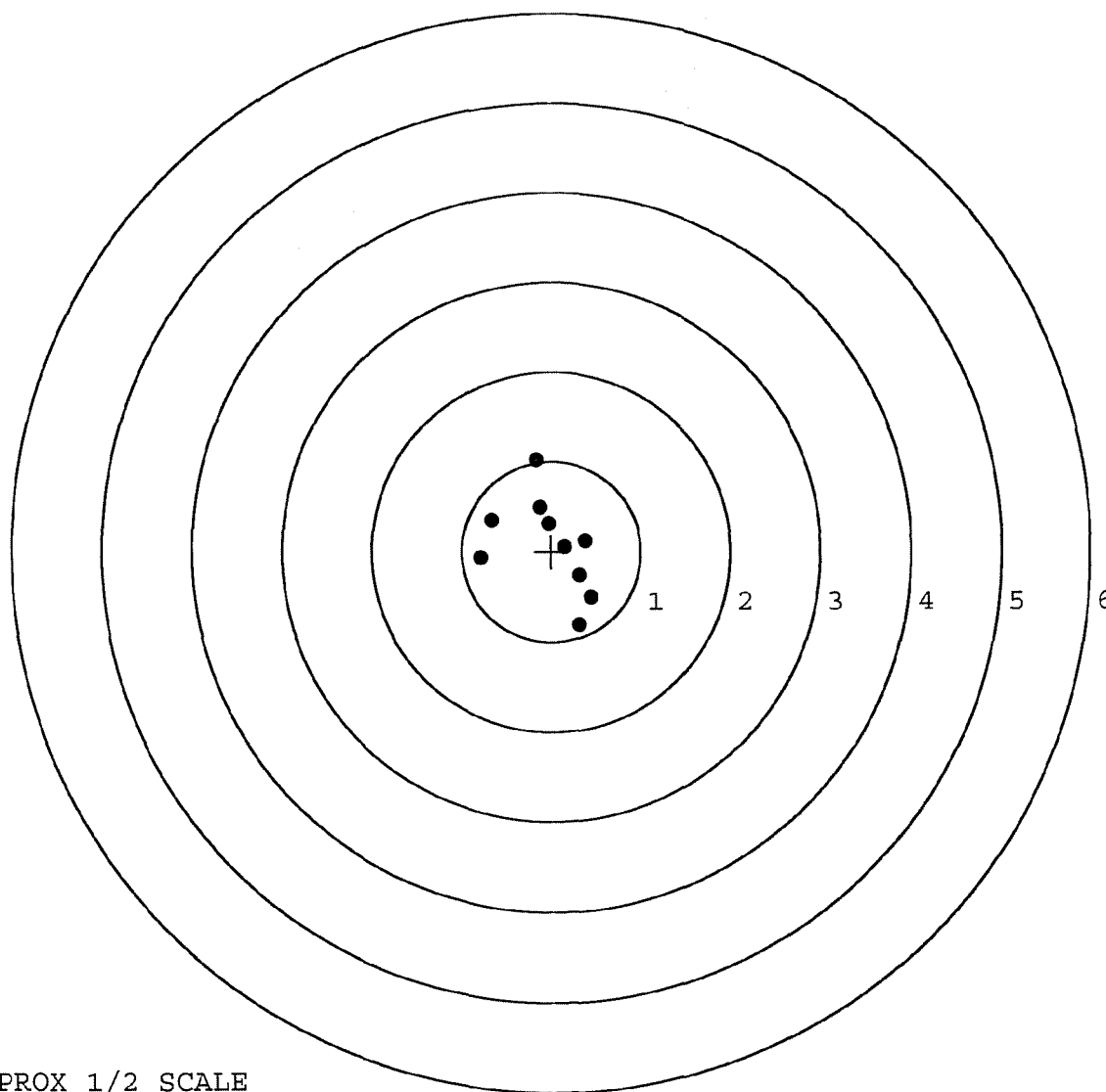
MAX RADIUS: 0.960

MEAN RADIUS: 0.584

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535236. \_\_0

TARGET NUMBER: 5

FILE DATE: 09/27/2007

FILE TIME: 05:22

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.105  | -0.665 |
| 2:     | 0.435  | -0.443 |
| 3:     | -0.088 | -0.305 |
| 4:     | -0.741 | -0.153 |
| 5:     | -0.613 | 0.103  |
| 6:     | -0.934 | 0.508  |
| 7:     | -0.390 | 0.568  |
| 8:     | 0.130  | 0.376  |
| 9:     | 0.498  | 0.345  |
| 10:    | 1.327  | -0.767 |

X CENTROID: -0.027

Y CENTROID: -0.043

POA TO CENTROID: 0.051

HORZ SPREAD: 2.261

VERT SPREAD: 1.335

GROUP SPREAD: 2.596

MIN RADIUS: 0.269

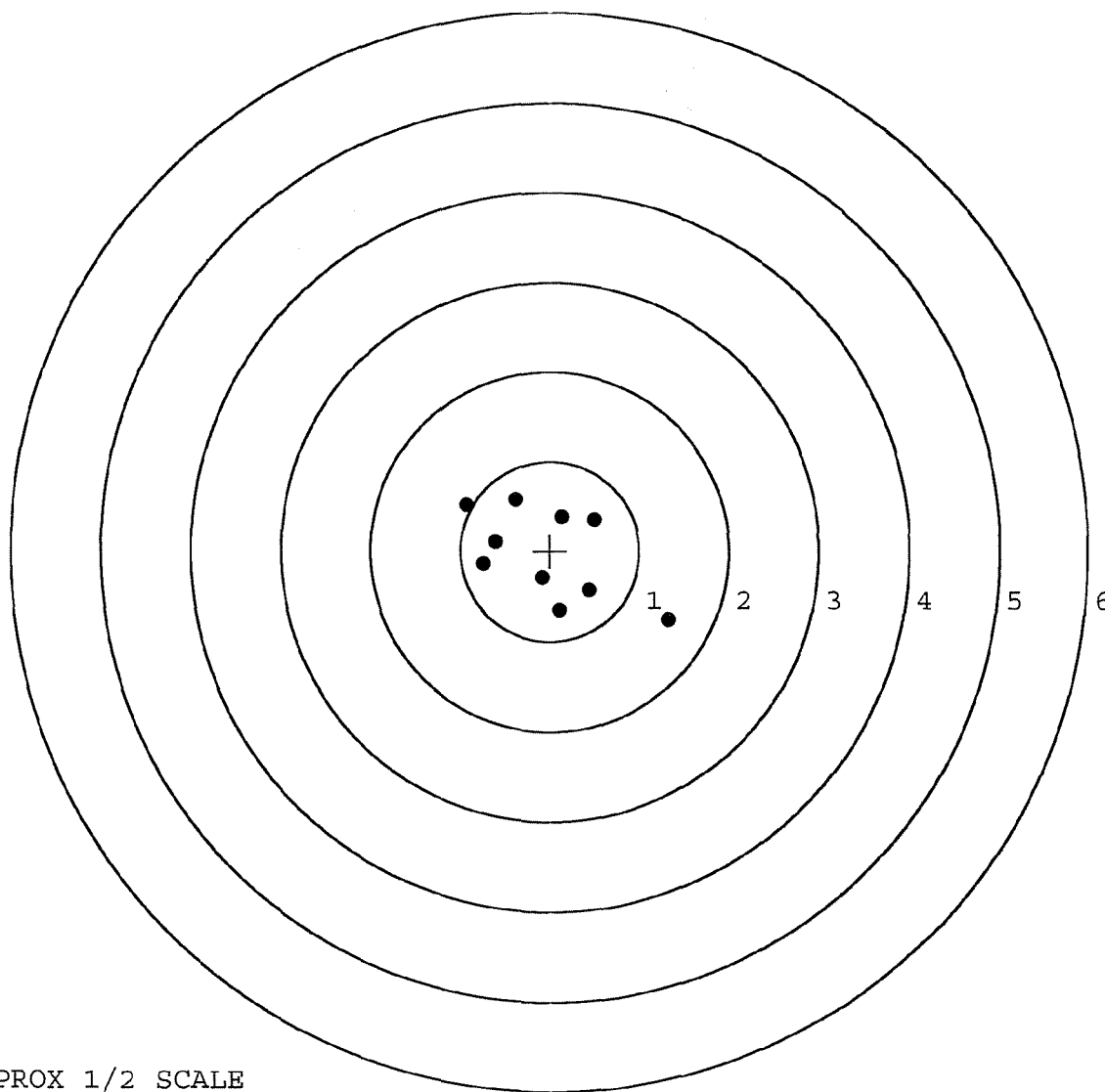
MAX RADIUS: 1.535

MEAN RADIUS: 0.725

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER

132645

SERIAL NUMBER

G6535236

LOG-IN DATE

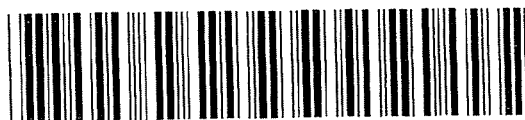
8-14-07

| OPERATION # | OPERATION NAME       | DATE                             | INITIAL |
|-------------|----------------------|----------------------------------|---------|
| 500         | DIS-ASSEMBLE GUN     | 9-11-07                          | RTZ     |
| 505         | RE-BARREL            | 9-11-07                          | RTZ     |
| 560         | ASSEMBLE             | 9-11-07                          | RTZ     |
| 600         | PROOF                | 9-12-07                          | TKW     |
| 605         | CHECK HEADSPACE      | 9-12-07                          | TKW     |
| 610         | DIS-ASSEMBLE GUN     | 9-12-07                          | RTZ     |
| 612         | MAGNAFLUX            | 9-13-07                          | JS      |
| 510         | DRILL AND TAP        | 9-12-07                          | FM      |
| 615         | ROLLMARK CALIBER     | 9-12-07                          | CW      |
| 618         | ROTO-BLAST           | 9-12-07                          | PC      |
| 620         | APPLY COATINGS       | 9-14-07                          | RB      |
| 625         | FINAL ASSEMBLY       | 9-19-07                          | RTZ     |
| 640         | FUNCTION TEST AND    | 9-26-07                          | TKW     |
| 650         | TARGET               | 9-26-07                          | TKW     |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
| 670         | FINAL INSPECTION     | 9-26-07                          | BWD     |
|             | A) HEADSPACE         | 9-27-07                          | RTZ     |
|             | B) TRIGGER PULL      | 9-27-07                          | DA      |
|             |                      | 2.85 2.75 2.86 2.92 2.71 9-26-07 |         |
| 680         | F) SAFETY ON FORCE   | 9-26-07                          | DA      |
|             | G) SAFETY OFF FORCE  | 9-26-07                          | DA      |
|             | I) FIRING PIN INDENT | 9-26-07                          | DA      |
| 690         | PACK                 | 9-27-07                          | DA      |

G 653 5236 (New)

**E6413617**

Model: M24 SWS



RE00111259

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535236.\_\_\_0  
FILE DATE AND TIME: 05/17/2006 16:25

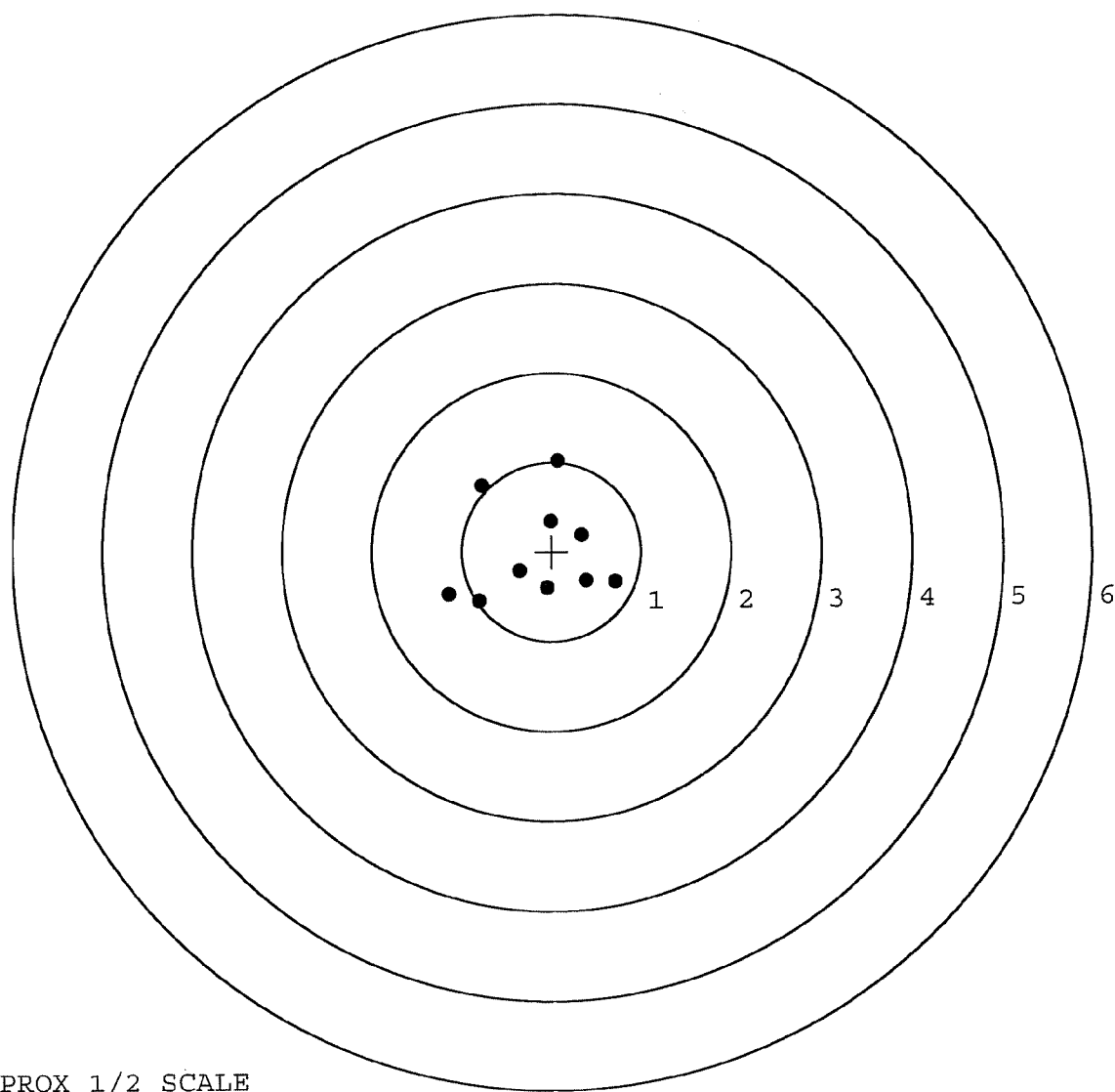
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.077 |
| The Average Y Centroid of the Five Target Set:              | -0.119 |
| The Average Point of Impact of the Five Target Set:         | 0.142  |
| The Average Mean Radius of the Five Target Set:             | 0.621  |
| The Distance from POA to Centroid Target #1:                | 0.166  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.047  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.218  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.342  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.164  |

SERIAL NUMBER: G6535236. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 05/17/2006  
FILE TIME: 16:25

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.768 | 0.742  |
| 2:     | 0.074  | 1.019  |
| 3:     | -0.008 | 0.335  |
| 4:     | 0.337  | 0.183  |
| 5:     | 0.709  | -0.344 |
| 6:     | 0.382  | -0.327 |
| 7:     | -0.058 | -0.412 |
| 8:     | -0.366 | -0.214 |
| 9:     | -0.813 | -0.548 |
| 10:    | -1.150 | -0.478 |

X CENTROID: -0.166  
Y CENTROID: -0.004  
POA TO CENTROID: 0.166  
HORZ SPREAD: 1.859  
VERT SPREAD: 1.567  
GROUP SPREAD: 1.934  
MIN RADIUS: 0.290  
MAX RADIUS: 1.092  
MEAN RADIUS: 0.714  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535236. \_\_0

TARGET NUMBER: 2

FILE DATE: 05/17/2006

FILE TIME: 16:25

X CENTROID: -0.143

Y CENTROID: -0.045

POA TO CENTROID: 0.150

HORZ SPREAD: 1.701

VERT SPREAD: 1.943

GROUP SPREAD: 2.253

MIN RADIUS: 0.107

MAX RADIUS: 1.552

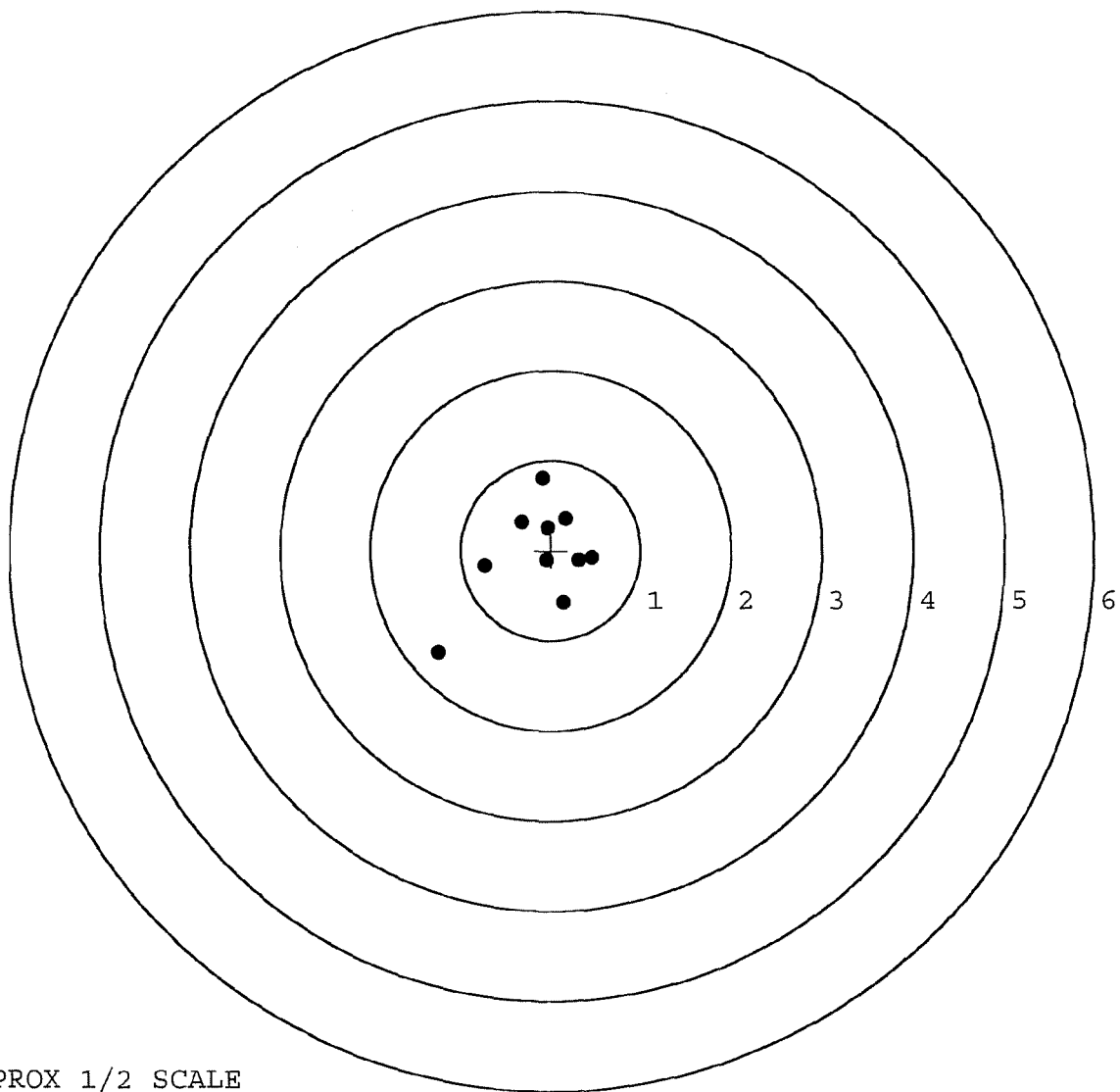
MEAN RADIUS: 0.602

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.101 | 0.802  |
| 2:     | -0.332 | 0.319  |
| 3:     | -0.043 | 0.256  |
| 4:     | 0.166  | 0.358  |
| 5:     | 0.459  | -0.078 |
| 6:     | 0.145  | -0.584 |
| 7:     | -0.738 | -0.174 |
| 8:     | -1.242 | -1.141 |
| 9:     | 0.309  | -0.101 |
| 10:    | -0.056 | -0.107 |

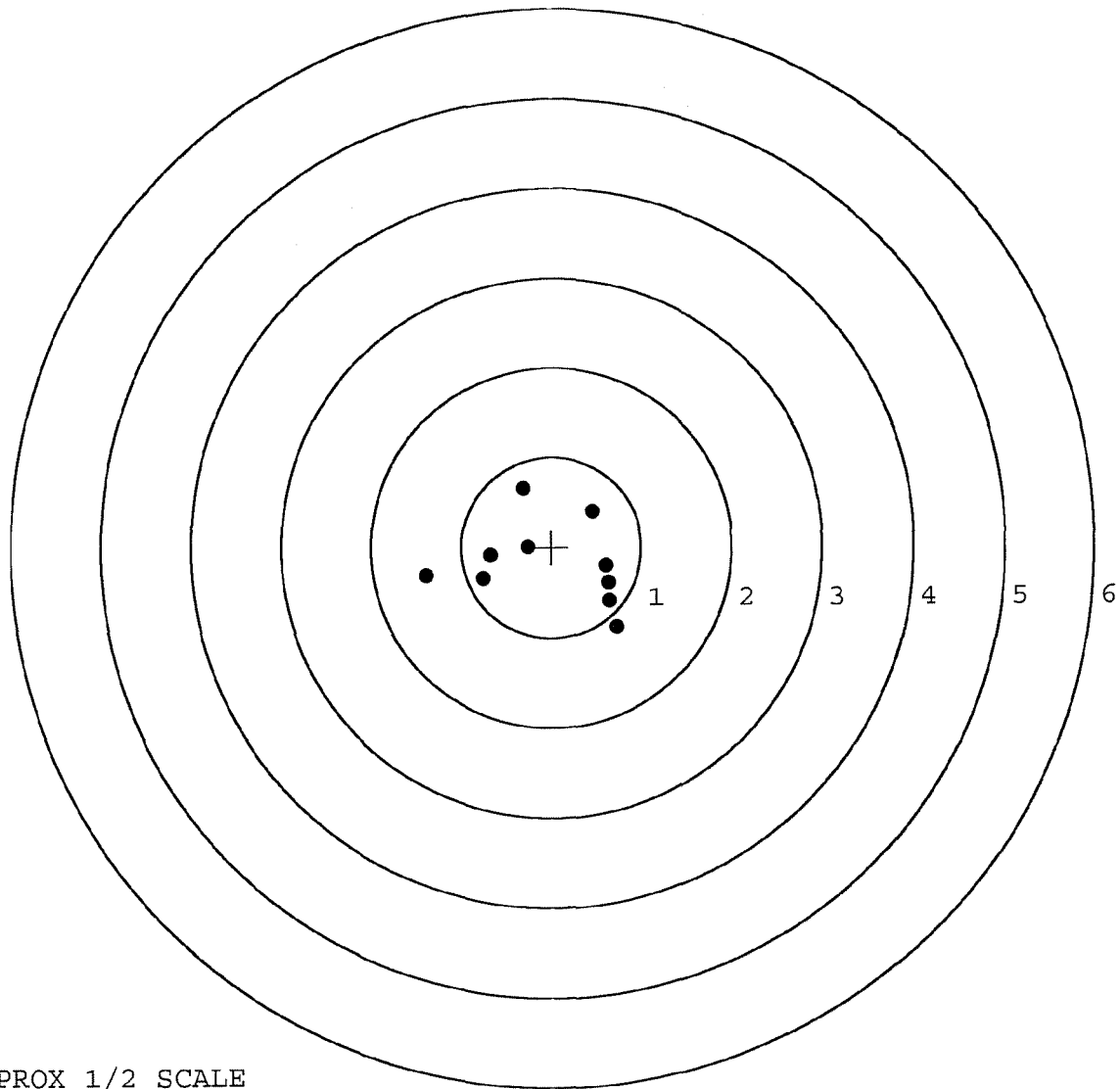


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535236. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 05/17/2006  
FILE TIME: 16:25

X CENTROID: -0.033  
Y CENTROID: -0.177  
POA TO CENTROID: 0.181  
HORZ SPREAD: 2.109  
VERT SPREAD: 1.534  
GROUP SPREAD: 2.183  
MIN RADIUS: 0.291  
MAX RADIUS: 1.363  
MEAN RADIUS: 0.785  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.756 | -0.342 |
| 2:     | -0.676 | -0.092 |
| 3:     | -1.389 | -0.319 |
| 4:     | -0.262 | 0.002  |
| 5:     | -0.320 | 0.650  |
| 6:     | 0.457  | 0.396  |
| 7:     | 0.610  | -0.206 |
| 8:     | 0.639  | -0.391 |
| 9:     | 0.644  | -0.589 |
| 10:    | 0.720  | -0.884 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535236. 0

TARGET NUMBER: 4

FILE DATE: 05/17/2006

FILE TIME: 16:25

X CENTROID: -0.036

Y CENTROID: -0.320

POA TO CENTROID: 0.322

HORZ SPREAD: 1.546

VERT SPREAD: 1.915

GROUP SPREAD: 2.089

MIN RADIUS: 0.211

MAX RADIUS: 1.526

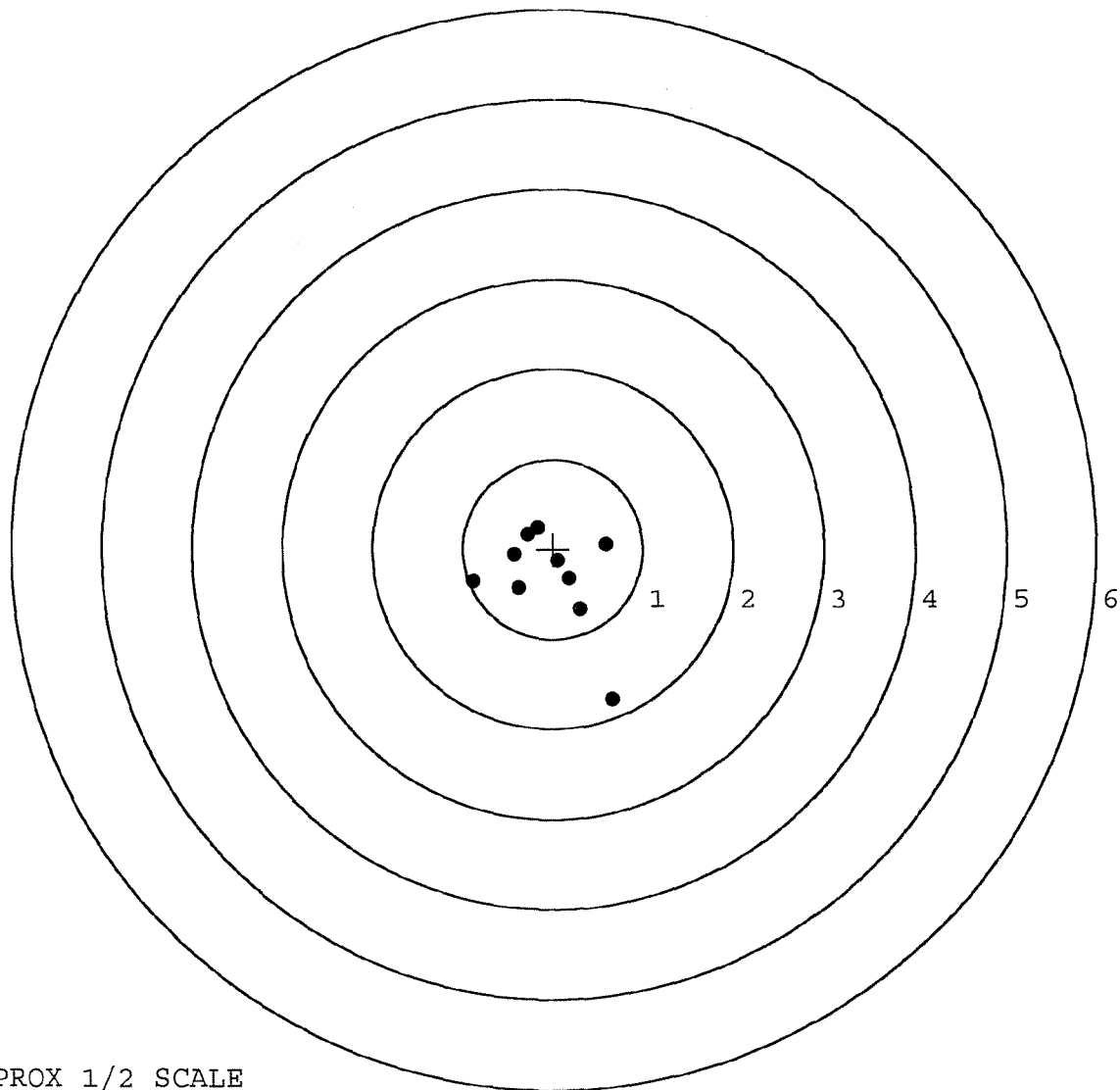
MEAN RADIUS: 0.598

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.170 | 0.239  |
| 2:     | -0.281 | 0.164  |
| 3:     | -0.436 | -0.063 |
| 4:     | -0.881 | -0.360 |
| 5:     | 0.301  | -0.673 |
| 6:     | 0.665  | -1.676 |
| 7:     | 0.589  | 0.057  |
| 8:     | 0.053  | -0.129 |
| 9:     | -0.383 | -0.436 |
| 10:    | 0.184  | -0.327 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535236. \_\_0

TARGET NUMBER: 5

FILE DATE: 05/17/2006

FILE TIME: 16:25

X CENTROID: -0.008

Y CENTROID: -0.048

POA TO CENTROID: 0.049

HORZ SPREAD: 1.360

VERT SPREAD: 0.950

GROUP SPREAD: 1.364

MIN RADIUS: 0.071

MAX RADIUS: 0.833

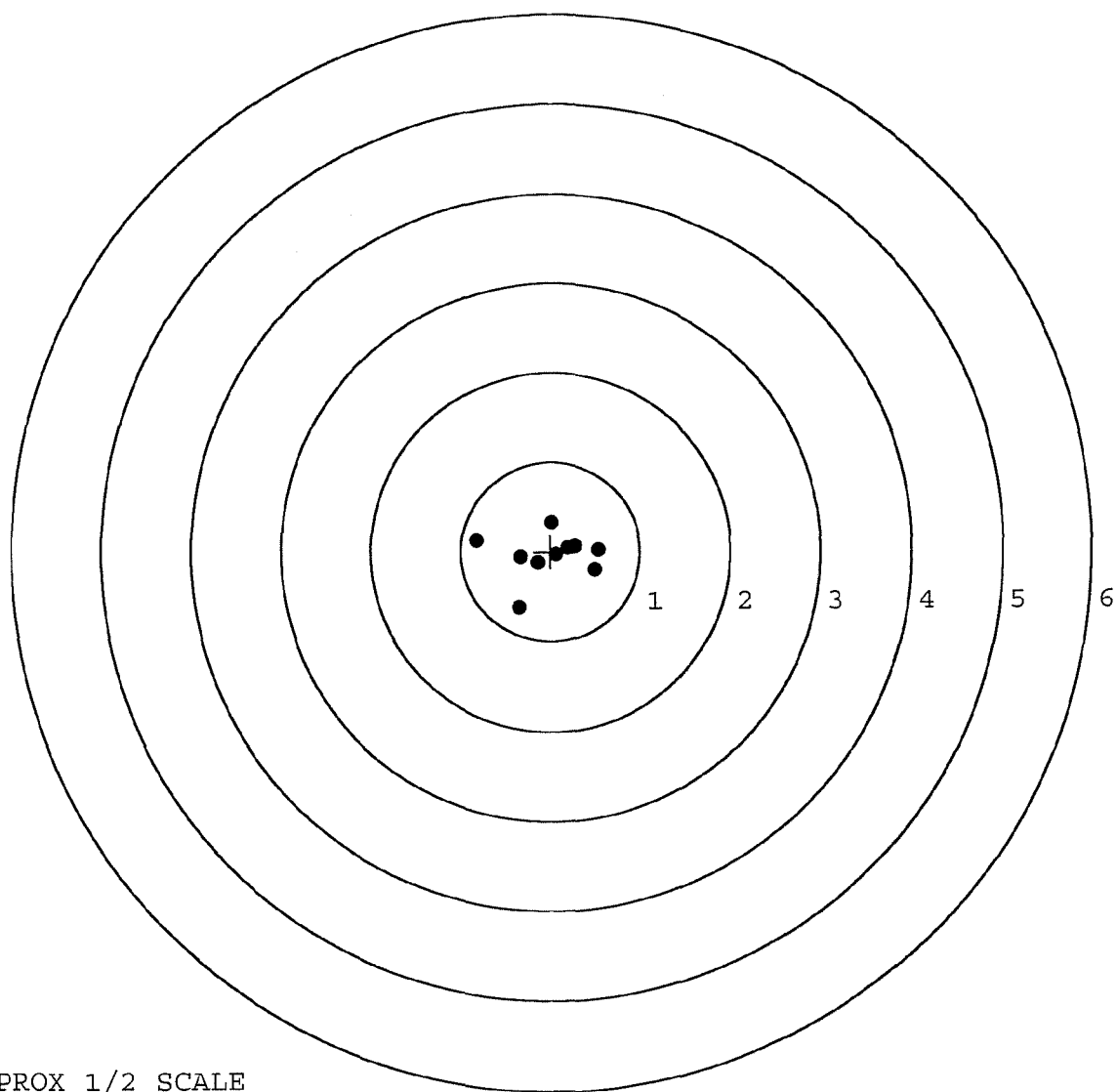
MEAN RADIUS: 0.405

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT#. | X      | Y      |
|---------|--------|--------|
| 1:      | 0.009  | 0.322  |
| 2:      | 0.195  | 0.045  |
| 3:      | 0.538  | 0.020  |
| 4:      | 0.497  | -0.201 |
| 5:      | -0.146 | -0.130 |
| 6:      | -0.339 | -0.063 |
| 7:      | -0.822 | 0.129  |
| 8:      | -0.356 | -0.628 |
| 9:      | 0.062  | -0.039 |
| 10:     | 0.279  | 0.061  |



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)  
3.00 LBS (plus or minus 0.75 LBS)  
4.00 LBS (plus or minus 1.00 LBS)

DATE 4-24-06

TESTER R.P

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |      | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|------|----------|
| PULL #1 | 254                 | 254                         |                                   | 255  |          |
| PULL #2 | 250                 | 254                         |                                   | 257  |          |
| PULL #3 | 255                 | 265                         |                                   | 260  |          |
| PULL #4 | 257                 | 244                         |                                   | 247  |          |
| PULL #5 | 263                 | 247                         |                                   | 247  |          |
| TOTAL   | 1279                | 1264                        |                                   | 1266 |          |
| AVERAGE | 255                 | 252                         |                                   | 253  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 313                 | 325                         |  |          |
| PULL #2 | 320                 | 321                         |  |          |
| PULL #3 | 328                 | 318                         |  |          |
| PULL #4 | 319                 | 328                         |  |          |
| PULL #5 | 308                 | 315                         |  |          |
| TOTAL   | 1588                | 1607                        |  |          |
| AVERAGE | 317                 | 321                         |  |          |

|         | 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 | 409                 | 407                         |                                   | 406                                     |
| PULL #2 | 390                 | 386                         |                                   | 399                                     |
| PULL #3 | 395                 | 418                         |                                   | 411                                     |
| PULL #4 | 402                 | 409                         |                                   | 414                                     |
| PULL #5 | 409                 | 408                         |                                   | 400                                     |
| TOTAL   | 2005                | 2028                        |                                   | 2030                                    |
| AVERAGE | 401                 | 405                         |                                   | 406                                     |

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

|               |                      |                                           |                          |         |
|---------------|----------------------|-------------------------------------------|--------------------------|---------|
| R & E NUMBER  | 111259               |                                           |                          |         |
| SERIAL NUMBER | E6413617             |                                           | G6535236 (NEW)           |         |
| LOG-IN DATE   | 4-19-06              |                                           |                          |         |
| OPERATION #   | OPERATION NAME       |                                           | DATE                     | INITIAL |
| 500           | DIS-ASSEMBLE GUN     |                                           | 5-2-06                   | RTZ     |
| 505           | RE-BARREL            |                                           | 5-3-06                   | RTZ     |
| 560           | ASSEMBLE             |                                           | 5-3-06                   | RTZ     |
| 600           | PROOF                | MAGNA-FLUX                                | 5-3-06                   | MTM     |
| 605           | CHECK HEADSPACE      | INSPECTED                                 | 5-3-06                   | MTM     |
| 610           | DIS-ASSEMBLE GUN     | MAY 08 2006                               |                          |         |
| 612           | MAGNAFLUX            | OPERATOR <u>GPD</u>                       | 3-8-06                   | APD     |
| 510           | DRILL AND TAP        |                                           | 5-5-06                   | TRW     |
| 615           | ROLLMARK CALIBER     |                                           | 5-8-06                   | CW      |
| 618           | ROTO-BLAST           |                                           | 5-9-06                   | LB      |
| 620           | APPLY COATINGS       |                                           | 5/11/06                  | TS      |
| 625           | FINAL ASSEMBLY       |                                           | 5-17-06                  | RTZ     |
| 640           | FUNCTION TEST AND    | PASS FAIL                                 | 5-17-06                  | MTM     |
| 650           | TARGET               | PASS FAIL                                 | 5-17-06                  | MTM     |
|               | MALFUNCTION          | CORRECTION                                |                          |         |
|               | MALFUNCTION          | CORRECTION                                |                          |         |
|               | MALFUNCTION          | CORRECTION                                |                          |         |
|               | MALFUNCTION          | CORRECTION                                |                          |         |
| 670           | FINAL INSPECTION     |                                           | 5-23-06                  | MTM     |
|               | A) HEADSPACE         | PASS FAIL                                 | 5-23-06                  | MTM     |
|               | B) TRIGGER PULL      | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 2.82 2.90 2.89 2.71 2.93 | KPD     |
| 680           | F) SAFETY ON FORCE   | 2 LBS MIN<br>10 LBS MAX                   | 8 lbs. 8 lbs. 8 lbs.     | MTM     |
|               | G) SAFETY OFF FORCE  | 2 LBS<br>MIN                              | 4 lbs. 4 lbs. 4 lbs.     | MTM     |
|               | I) FIRING PIN INDENT | .020                                      | .021 .022 .022           | MTM     |
| 690           | PACK                 |                                           | 5-24-06                  | RTZ     |