

G6535191

Replaced

E6413511

## Repair Inquiry

Repair Number: RE00118099

Serial: E6413511 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 9/28/2006 8:41:24 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: 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   |
| A026 | Scope                 | 1   |
| A057 | Fit and Rear Sgt Base | 1   |

Repair Search

Refresh

Close

nagletj

9/28/2006

8:49 AM

CAPS

NUM

INS

SCRL

start

3 M.

3 M.

5 L.

Par...

Sto...

Mo...

Ar...

8:49 AM

Serial  
Number:

E6413511

Model: M24 SWS



RE00118099

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535191.\_\_\_\_0

FILE DATE AND TIME: 10/11/2006 01:21

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.016 |
| The Average Y Centroid of the Five Target Set:              | 0.015  |
| The Average Point of Impact of the Five Target Set:         | 0.022  |
| The Average Mean Radius of the Five Target Set:             | 0.747  |
| The Distance from POA to Centroid Target #1:                | 0.236  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.525  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.317  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.035  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.261  |

SERIAL NUMBER: G6535191.\_\_\_0

TARGET NUMBER: 1

FILE DATE: 10/11/2006

FILE TIME: 01:21

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

|    |        |        |
|----|--------|--------|
| 1: | -0.424 | -1.600 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 2: | -0.080 | -1.386 |
|----|--------|--------|

|    |       |        |
|----|-------|--------|
| 3: | 1.035 | -0.271 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 4: | 0.188 | -0.682 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 5: | -0.352 | -0.294 |
|----|--------|--------|

|    |        |       |
|----|--------|-------|
| 6: | -0.179 | 0.096 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 7: | -0.429 | 0.345 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 8: | -1.078 | 1.380 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 9: | -0.592 | 1.502 |
|----|--------|-------|

|     |        |       |
|-----|--------|-------|
| 10: | -0.334 | 0.195 |
|-----|--------|-------|

X CENTROID: -0.224

Y CENTROID: -0.071

POA TO CENTROID: 0.236

HORZ SPREAD: 2.113

VERT SPREAD: 3.102

GROUP SPREAD: 3.051

MIN RADIUS: 0.174

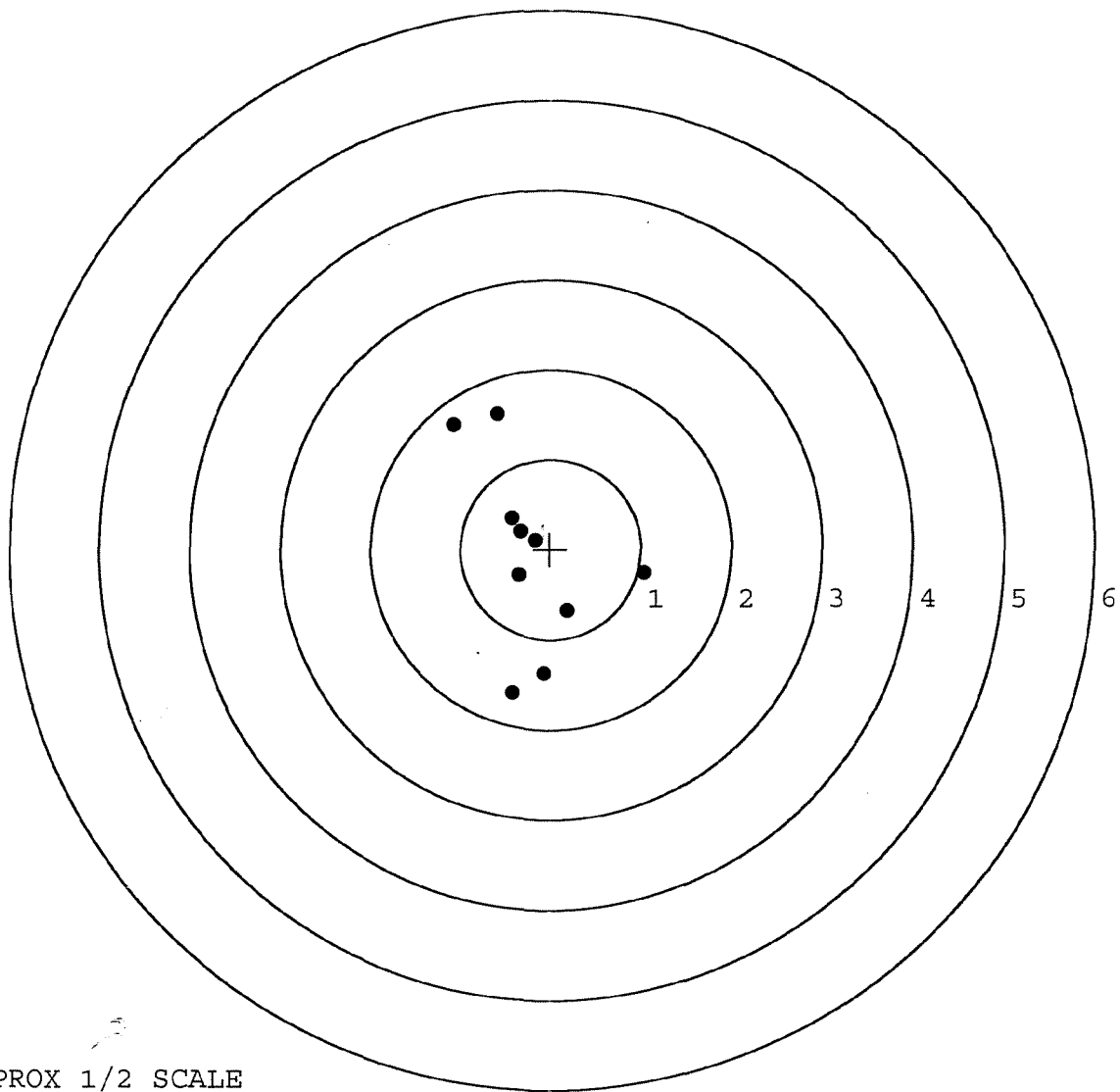
MAX RADIUS: 1.684

MEAN RADIUS: 0.936

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535191.\_\_\_0

TARGET NUMBER: 2

FILE DATE: 10/11/2006

FILE TIME: 01:21

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.346  | -0.090 |
| 2:     | 0.865  | -0.249 |
| 3:     | 0.820  | 0.070  |
| 4:     | 0.613  | 0.350  |
| 5:     | 0.529  | 0.509  |
| 6:     | -0.467 | 0.838  |
| 7:     | -0.129 | 0.448  |
| 8:     | -0.743 | 0.228  |
| 9:     | 0.248  | -0.018 |
| 10:    | -0.378 | -1.049 |

X CENTROID: 0.270

Y CENTROID: 0.104

POA TO CENTROID: 0.290

HORZ SPREAD: 2.089

VERT SPREAD: 1.887

GROUP SPREAD: 1.973

MIN RADIUS: 0.124

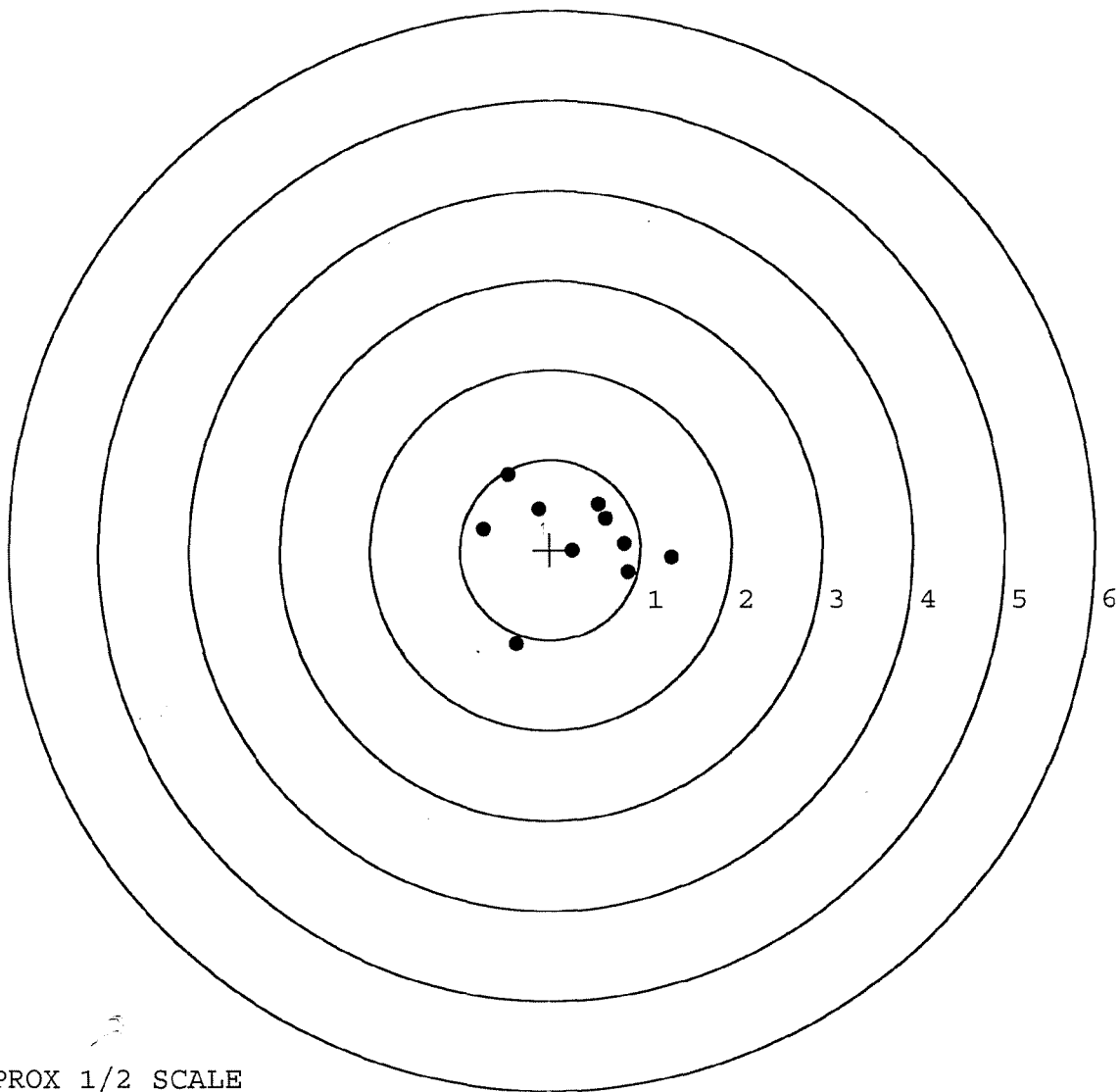
MAX RADIUS: 1.323

MEAN RADIUS: 0.727

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535191. \_\_0

TARGET NUMBER: 3

FILE DATE: 10/11/2006

FILE TIME: 01:21

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.219  | -0.683 |
| 2:     | 0.076  | -0.495 |
| 3:     | -0.425 | -0.373 |
| 4:     | -0.372 | 0.015  |
| 5:     | 0.443  | 0.067  |
| 6:     | 0.100  | 0.020  |
| 7:     | 0.667  | 0.374  |
| 8:     | 0.586  | 0.415  |
| 9:     | 0.034  | 0.484  |
| 10:    | -0.576 | 0.486  |

X CENTROID: 0.075

Y CENTROID: 0.031

POA TO CENTROID: 0.081

HORZ SPREAD: 1.243

VERT SPREAD: 1.169

GROUP SPREAD: 1.414

MIN RADIUS: 0.027

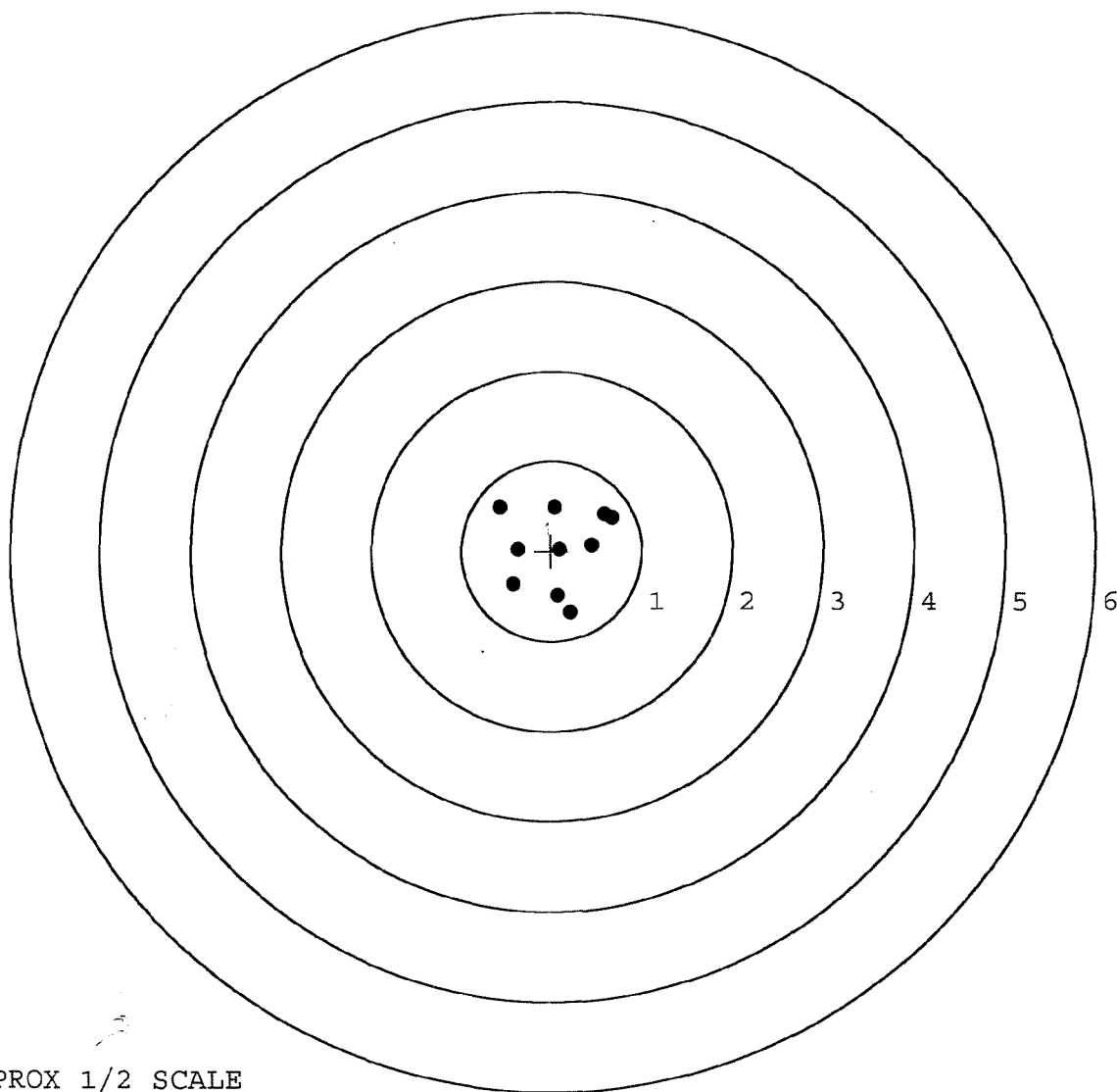
MAX RADIUS: 0.794

MEAN RADIUS: 0.531

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535191. 0

TARGET NUMBER: 4

FILE DATE: 10/11/2006

FILE TIME: 01:21

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.186  | -1.135 |
| 2:     | 0.486  | -0.818 |
| 3:     | -0.189 | -0.602 |
| 4:     | -1.261 | -0.534 |
| 5:     | 0.444  | -0.073 |
| 6:     | -0.592 | -0.172 |
| 7:     | 0.073  | 0.253  |
| 8:     | -0.365 | 0.260  |
| 9:     | -0.258 | 1.132  |
| 10:    | -0.522 | 1.219  |

X CENTROID: -0.200

Y CENTROID: -0.047

POA TO CENTROID: 0.205

HORZ SPREAD: 1.747

VERT SPREAD: 2.354

GROUP SPREAD: 2.458

MIN RADIUS: 0.349

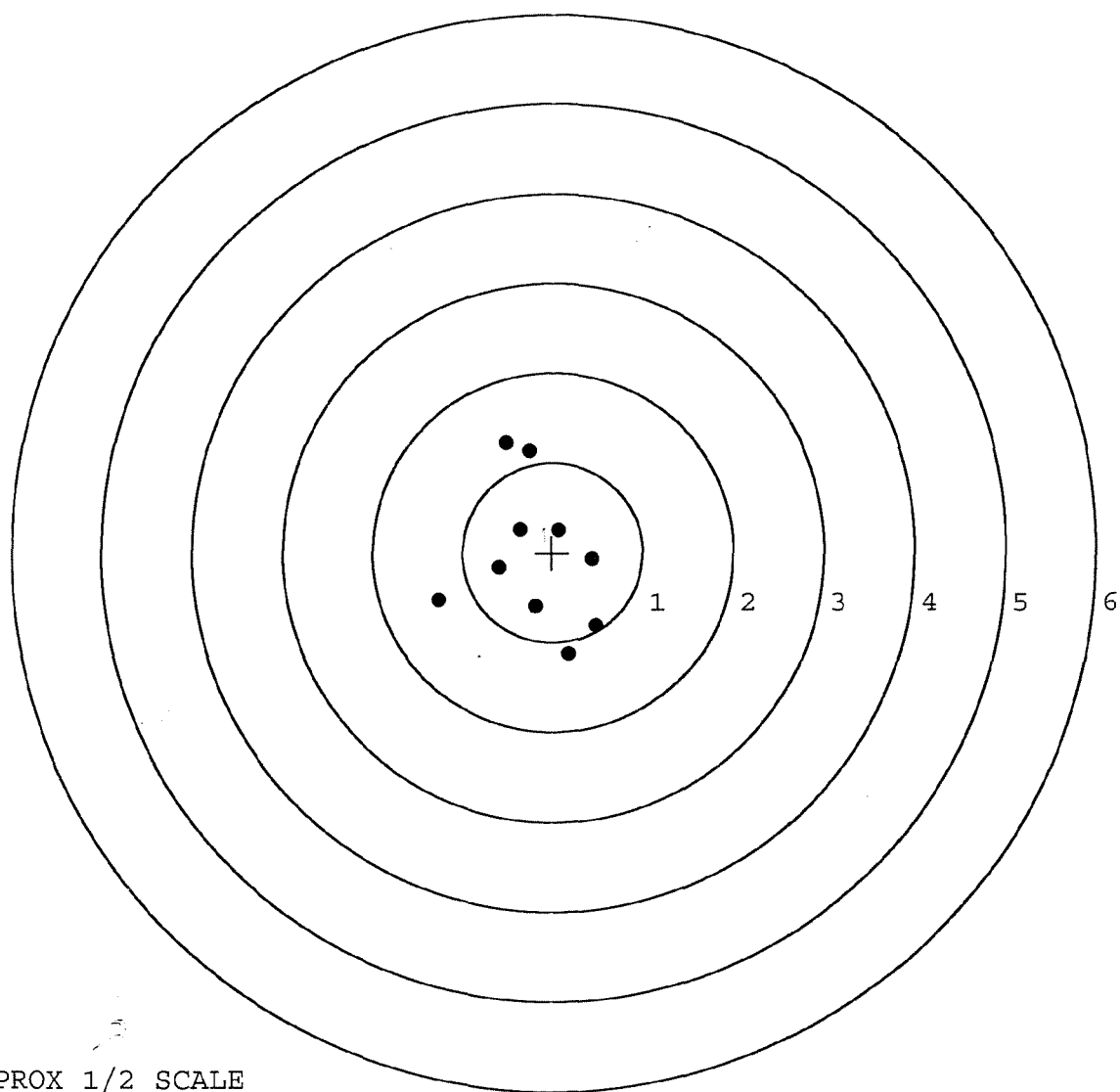
MAX RADIUS: 1.306

MEAN RADIUS: 0.821

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535191. 0

TARGET NUMBER: 5

FILE DATE: 10/11/2006

FILE TIME: 01:21

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.119 | -0.593 |
| 2:     | -0.210 | -0.698 |
| 3:     | 0.768  | -0.369 |
| 4:     | 0.500  | 0.002  |
| 5:     | 0.410  | 0.494  |
| 6:     | 0.189  | 0.460  |
| 7:     | -0.174 | 0.702  |
| 8:     | -0.500 | 0.596  |
| 9:     | -0.490 | 0.311  |
| 10:    | 0.638  | -0.308 |

X CENTROID: 0.001

Y CENTROID: 0.060

POA TO CENTROID: 0.060

HORZ SPREAD: 1.887

VERT SPREAD: 1.400

GROUP SPREAD: 1.900

MIN RADIUS: 0.442

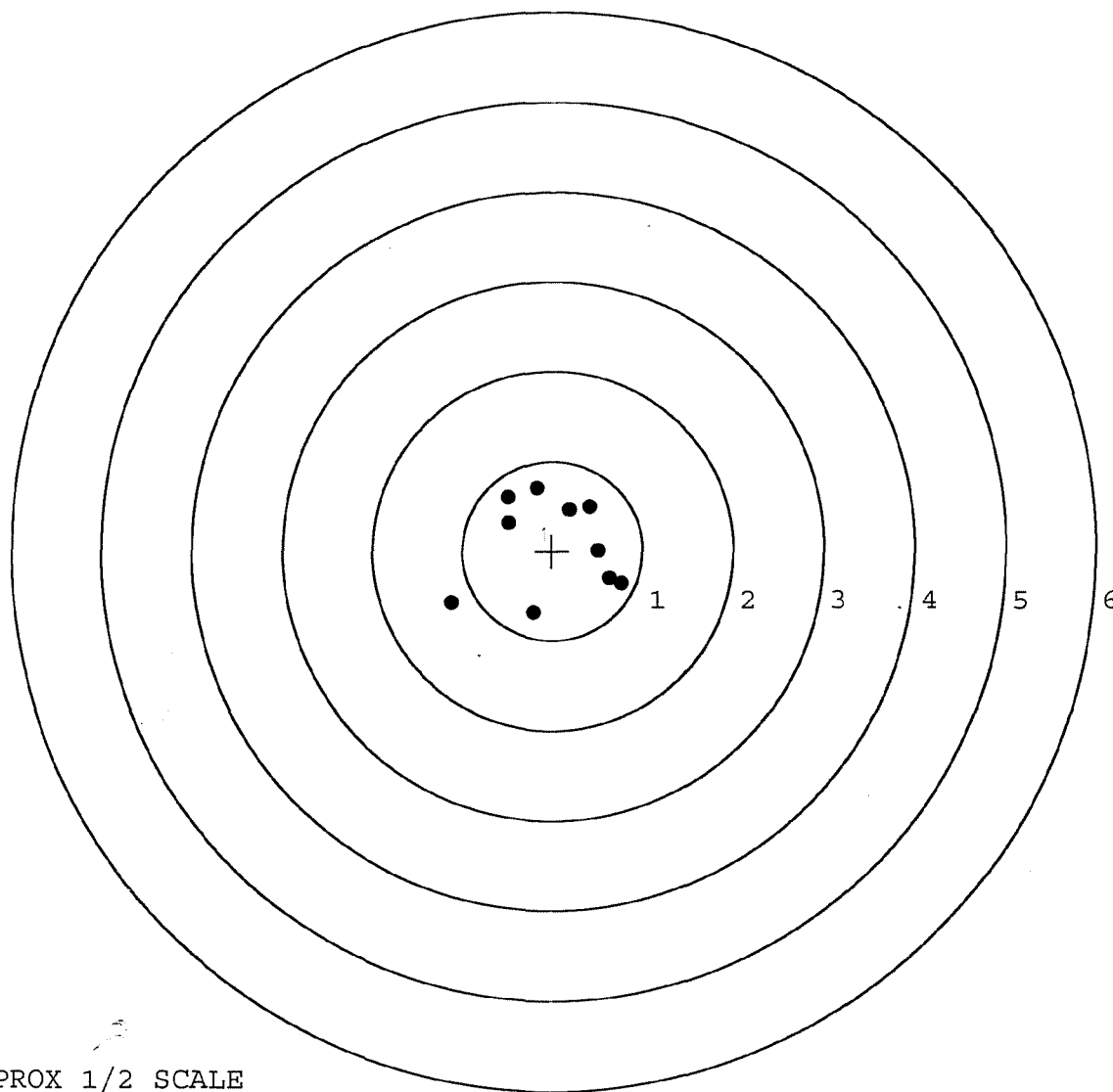
MAX RADIUS: 1.296

MEAN RADIUS: 0.719

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



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 10-3-06

TESTER RP

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |      | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|------|----------|
| PULL #1 | 252                 | 252                         |                                   | 236  |          |
| PULL #2 | 249                 | 253                         |                                   | 236  |          |
| PULL #3 | 257                 | 257                         |                                   | 235  |          |
| PULL #4 | 262                 | 244                         |                                   | 235  |          |
| PULL #5 | 264                 | 255                         |                                   | 237  |          |
| TOTAL   | 1284                | 1261                        |                                   | 1179 |          |
| AVERAGE | 256                 | 252                         |                                   | 235  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 311                 | 309                         |  |          |
| PULL #2 | 310                 | 311                         |  |          |
| PULL #3 | 314                 | 309                         |  |          |
| PULL #4 | 313                 | 307                         |  |          |
| PULL #5 | 311                 | 309                         |  |          |
| TOTAL   | 1559                | 1545                        |  |          |
| AVERAGE | 311                 | 309                         |  |          |

|         | 4.00 LBS<br>INITIAL | 4.00 LBS AFTER 20<br>CYCLES | MAX SETTING GREATER<br>THAN 4 LBS | RESET TO 4 LBS FOR<br>TARGET & ACCURACY |
|---------|---------------------|-----------------------------|-----------------------------------|-----------------------------------------|
| PULL #1 | 4.17                | 4.03                        |                                   | 4.18                                    |
| PULL #2 | 4.04                | 398                         |                                   | 4.18                                    |
| PULL #3 | 4.04                | 394                         |                                   | 4.16                                    |
| PULL #4 | 4.02                | 396                         |                                   | 4.15                                    |
| PULL #5 | 4.01                | 396                         |                                   | 4.17                                    |
| TOTAL   | 20.28               | 19.87                       |                                   | 20.84                                   |
| AVERAGE | 4.05                | 397                         |                                   | 4.16                                    |

DATE: 20060911

MAINTENANCE REQUEST

DA FORM 5990-E

CUSTOMER DATA

UIC: W2L58L  
UTIL CODE: 0

HHC 2/29 INF. REGT.

PHONE: (706) 544-1450

ACTIVITY DATA

SUP WON:  
SUP UIC: W6CR07

ITT

PHONE: 544-8635  
SHOP SEC:

EQUIPMENT DATA

TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24RIFLE

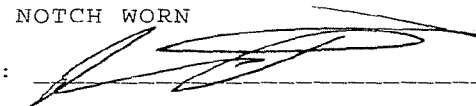
NOUN: RIFLE 7.62MM SNIP SER NUM: E6413511 /900890 QTY: 00001

ORG WON: 2L58L1601270 PRIORITY: 03 FAILURE DETECTED: F

MI/KM: 000000 HOURS: ----- ROUNDS:

IN WARRANTY: N LEVEL OF WORK: F ADMIN NUM: S-12

DEFICIENCY: FIRING PIN NOTCH WORN

PD AUTHENTICATING SIGNATURE: 

SIGNATURE DATA

SUBMITTED BY: SSg Miller, J

ORD DATE: 06256 MIL TIME: 1110

ACCEPTED BY: E. Bullard

STATUS: A ORD DATE: 06256 MIL TIME: 1110

ACTION DATA

WORK STARTED BY: \_\_\_\_\_ STATUS: \_\_\_\_\_ ORD DATE: \_\_\_\_\_ MIL TIME: \_\_\_\_\_

INSPECTED BY: \_\_\_\_\_ STATUS: \_\_\_\_\_ ORD DATE: \_\_\_\_\_ MIL TIME: \_\_\_\_\_

PICKED UP BY: \_\_\_\_\_ STATUS: \_\_\_\_\_ ORD DATE: \_\_\_\_\_ MIL TIME: \_\_\_\_\_

COMPLETION DATA

QTY RPR: \_\_\_\_\_ QTY CONDEMNED: \_\_\_\_\_ NRTS: \_\_\_\_\_

EVAC WON: \_\_\_\_\_ EVAC UNIT NAME: \_\_\_\_\_

SSg Phillips  
575-8183

W6GIA66  
M9WM

WAR  
HYAB

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

|               |                      |                                                                                                                                                  |                          |             |
|---------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------|
| R & E NUMBER  |                      |                                                                                                                                                  |                          |             |
| SERIAL NUMBER | 66535191 (New)       |                                                                                                                                                  |                          |             |
| LOG-IN DATE   | 9-28-06              |                                                                                                                                                  |                          |             |
| OPERATION #   | OPERATION NAME       |                                                                                                                                                  | DATE                     | INITIAL     |
| 500           | DIS-ASSEMBLE GUN     |                                                                                                                                                  | 10-3-06                  | RTZ         |
| 505           | RE-BARREL            |                                                                                                                                                  | 10-4-06                  | RTZ         |
| 420           | ASSEMBLE             |                                                                                                                                                  | 10-4-06                  | RTZ         |
| 440           | PROOF                | MAGNA-FLUX                                                                                                                                       | 10-4-06                  | TRW         |
| 460           | CHECK HEADSPACE      | INSPECTED                                                                                                                                        | 10-4-06                  | TRW         |
| 470           | DIS-ASSEMBLE GUN     | OCT 6 2006                                                                                                                                       | 10-4-06                  | RTZ         |
| 480           | MAGNAFLUX            | OPERATOR (IPD)                                                                                                                                   | 10-6-06                  | APD         |
| 510           | DRILL AND TAP        |                                                                                                                                                  | 10-5-06                  | SD          |
| 500           | ROLLMARK CALIBER     |                                                                                                                                                  | 10-6-06                  | RP          |
| 520           | GOFF BLAST BBL / REC |                                                                                                                                                  | 10-6-06                  | UB          |
| 530 & 540     | APPLY COATINGS       |                                                                                                                                                  | 10/9/06                  | RB          |
| 560           | FINAL ASSEMBLY       |                                                                                                                                                  | 10-10-06                 | RTZ         |
| 640           | FUNCTION TEST AND    | PASS                                                                                                                                             | 10-10-06                 | L.P.D.      |
| 650           | TARGET               | PASS                                                                                                                                             | 10-10-06                 | L.P.D.      |
|               | MALFUNCTION          | CORRECTION                                                                                                                                       |                          |             |
|               | MALFUNCTION          | CORRECTION                                                                                                                                       |                          |             |
|               | MALFUNCTION          | CORRECTION                                                                                                                                       |                          |             |
|               | MALFUNCTION          | CORRECTION                                                                                                                                       |                          |             |
| 670           | FINAL INSPECTION     |                                                                                                                                                  | 10-18-06                 | RTZ         |
|               | A) HEADSPACE         | PASS                                                                                                                                             | 10-18-06                 | RTZ         |
|               | B) TRIGGER PULL      | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           +/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS         </div> | 2.59 2.51 2.61 2.62 2.64 | 10-12-06 DA |
| 680           | F) SAFETY ON FORCE   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS MIN<br/>10 LBS MAX         </div>                    | 6.2 6.5 6.2              | 10-12-06 DA |
|               | G) SAFETY OFF FORCE  | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS<br/>MIN         </div>                               | 3.2 3.2 3.2              | 10-12-06 DA |
|               | I) FIRING PIN INDENT | .020                                                                                                                                             | 1.025 1.025 1.025        | 10-12-06 DA |
| 690           | PACK                 |                                                                                                                                                  | 10-19-06                 | DA          |

F006 REV 5/2006

# FINAL INSPECTION CHECKLIST

## BARREL ASSEMBLY

\_\_\_\_\_  
BARREL

\_\_\_\_\_  
RECEIVER

\_\_\_\_\_  
FRONT SIGHT BASE

\_\_\_\_\_  
REAR SIGHT BASE

\_\_\_\_\_  
SCREWS

\_\_\_\_\_  
FINISH

## SCOPE ASSEMBLY

\_\_\_\_\_  
SCOPE

\_\_\_\_\_  
SCOPE RINGS

\_\_\_\_\_  
MOUNTING SCREWS

\_\_\_\_\_  
MOUNTING BASE

\_\_\_\_\_  
SCREWS

\_\_\_\_\_  
FINISH

\_\_\_\_\_  
CLARITY

## STOCK ASSEMBLY

\_\_\_\_\_  
STOCK

\_\_\_\_\_  
SLING SWIVEL STUDS

\_\_\_\_\_  
BUTT PATE

\_\_\_\_\_  
LOCK NUTS

\_\_\_\_\_  
BARREL CLEARANCE

\_\_\_\_\_  
COLOR / FINISH

## SYSTEM CASE

\_\_\_\_\_  
SCOPE CASE

\_\_\_\_\_  
IRON SIGHTS

\_\_\_\_\_  
DEPLOYMENT KIT

## TRIGGER ASSEMBLY

\_\_\_\_\_  
SAFETY OPERATION

\_\_\_\_\_  
RE-SET TO FACTORY  
SPECS

COMMENTS: \_\_\_\_\_

F006 REV 5/2006

**Arms Services Repair & Estimate System**

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

**Repair Inquiry**

Repair Number: **RE00060361** Serial: B6896599 Model 700 CenterFire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 1/23/2003 3:09:25 PM

Verify Repair

**Address Information**

Customer: Received From Return To: Received From

Name: **USAIC** **USAIC**

Address 1: **DFEL SUPPLY DIV BLDG 490** **DFEL SUPPLY DIV BLDG 490**

Address 2: PO Box: 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: Fax: Email: Comments:

**Received Condition**

Condition: **Poor**

Notes: **REC'D IN SAME HARD CASE W/ SER# C6225169**

CSR Notes:

**Accessories Received**

| Code | Desc                 | Qt |
|------|----------------------|----|
| A007 | With Stud            | 1  |
| A010 | Hard Case            | 1  |
| A017 | Scope Base           | 1  |
| A026 | Scope                | 1  |
| X    | SCOPE SER# 86-0734   | 1  |
| XX   | FRT & REAR SGT BASES | 1  |

**Repair Search Refresh Close**

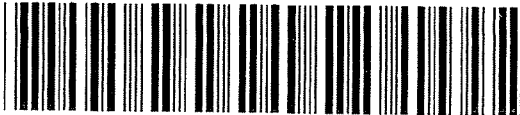
nagletj 1/23/2003 4:12 PM CAPS NUM INS SCPL

start Microsoft Office 2000 Microsoft Word Arms Services Part Search 2 Internet Explorer 4:12 PM

*E6413511 (New)*

Serial Number: **B6896599**

Model: **700**



**RE00060361**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413511.\_\_\_0

FILE DATE AND TIME: 02/15/2003 13:06

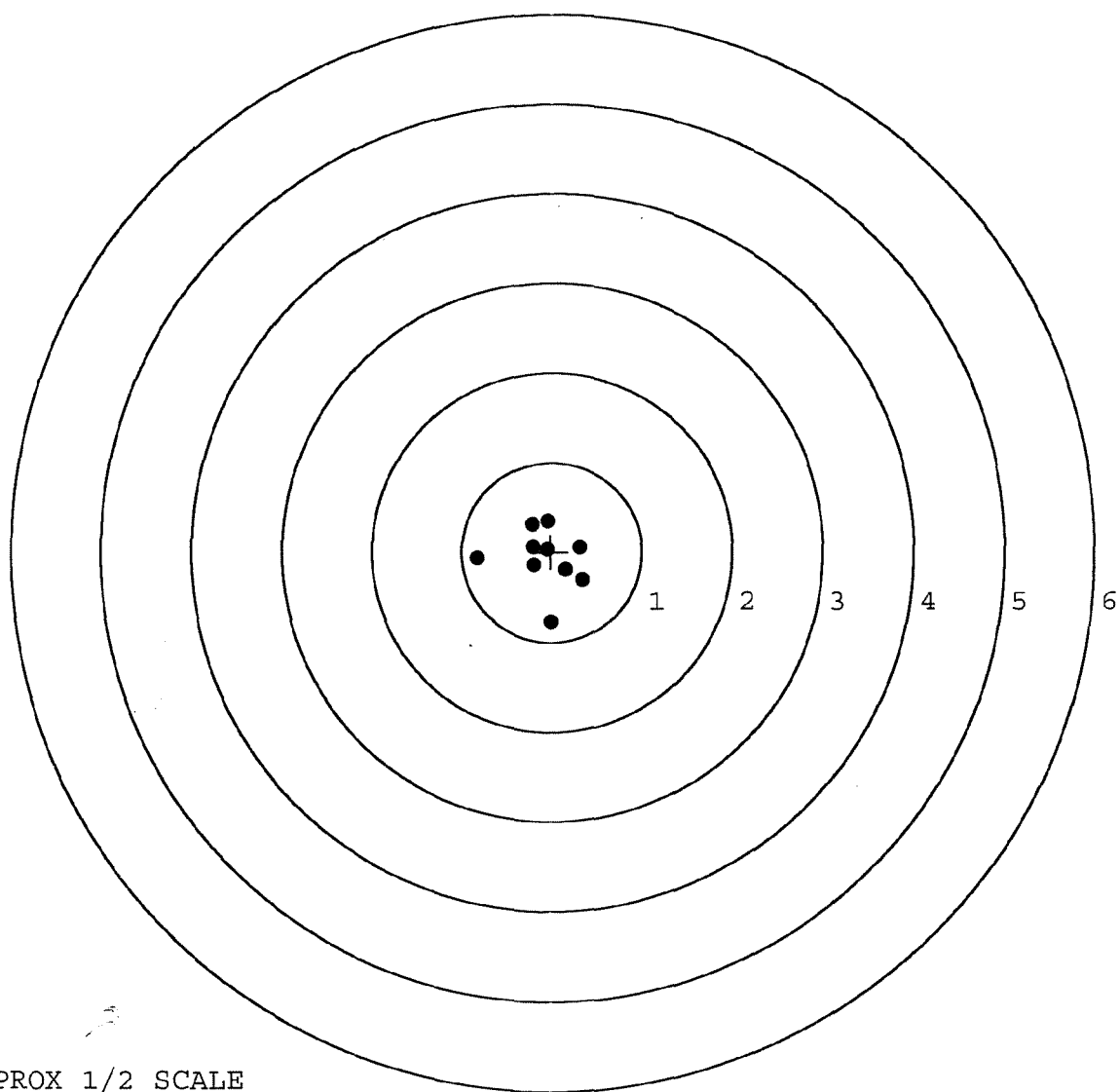
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.005  |
| The Average Y Centroid of the Five Target Set:              | -0.030 |
| The Average Point of Impact of the Five Target Set:         | 0.030  |
| The Average Mean Radius of the Five Target Set:             | 0.515  |
| The Distance from POA to Centroid Target #1:                | 0.102  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.143  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.209  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.133  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.102  |

SERIAL NUMBER: E6413511. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 02/15/2003  
FILE TIME: 13:06

X CENTROID: -0.071  
Y CENTROID: -0.074  
POA TO CENTROID: 0.102  
HORZ SPREAD: 1.165  
VERT SPREAD: 1.124  
GROUP SPREAD: 1.189  
MIN RADIUS: 0.107  
MAX RADIUS: 0.751  
MEAN RADIUS: 0.387  
# IN 1 IN DIAMETER: 8  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.002 | -0.782 |
| 2:     | -0.822 | -0.078 |
| 3:     | 0.317  | 0.049  |
| 4:     | 0.343  | -0.314 |
| 5:     | -0.195 | -0.150 |
| 6:     | -0.200 | 0.056  |
| 7:     | -0.219 | 0.312  |
| 8:     | -0.041 | 0.342  |
| 9:     | -0.041 | 0.029  |
| 10:    | 0.154  | -0.202 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413511. 0

TARGET NUMBER: 2

FILE DATE: 02/15/2003

FILE TIME: 13:06

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.513  | -0.045 |
| 2:     | 0.340  | 0.290  |
| 3:     | 0.332  | 0.109  |
| 4:     | 0.065  | 0.093  |
| 5:     | -0.785 | 0.487  |
| 6:     | -0.184 | -0.444 |
| 7:     | -0.184 | -0.145 |
| 8:     | -0.274 | 0.049  |
| 9:     | -0.342 | 0.246  |
| 10:    | -0.036 | 0.043  |

X CENTROID: -0.056

Y CENTROID: 0.068

POA TO CENTROID: 0.088

HORZ SPREAD: 1.298

VERT SPREAD: 0.931

GROUP SPREAD: 1.403

MIN RADIUS: 0.032

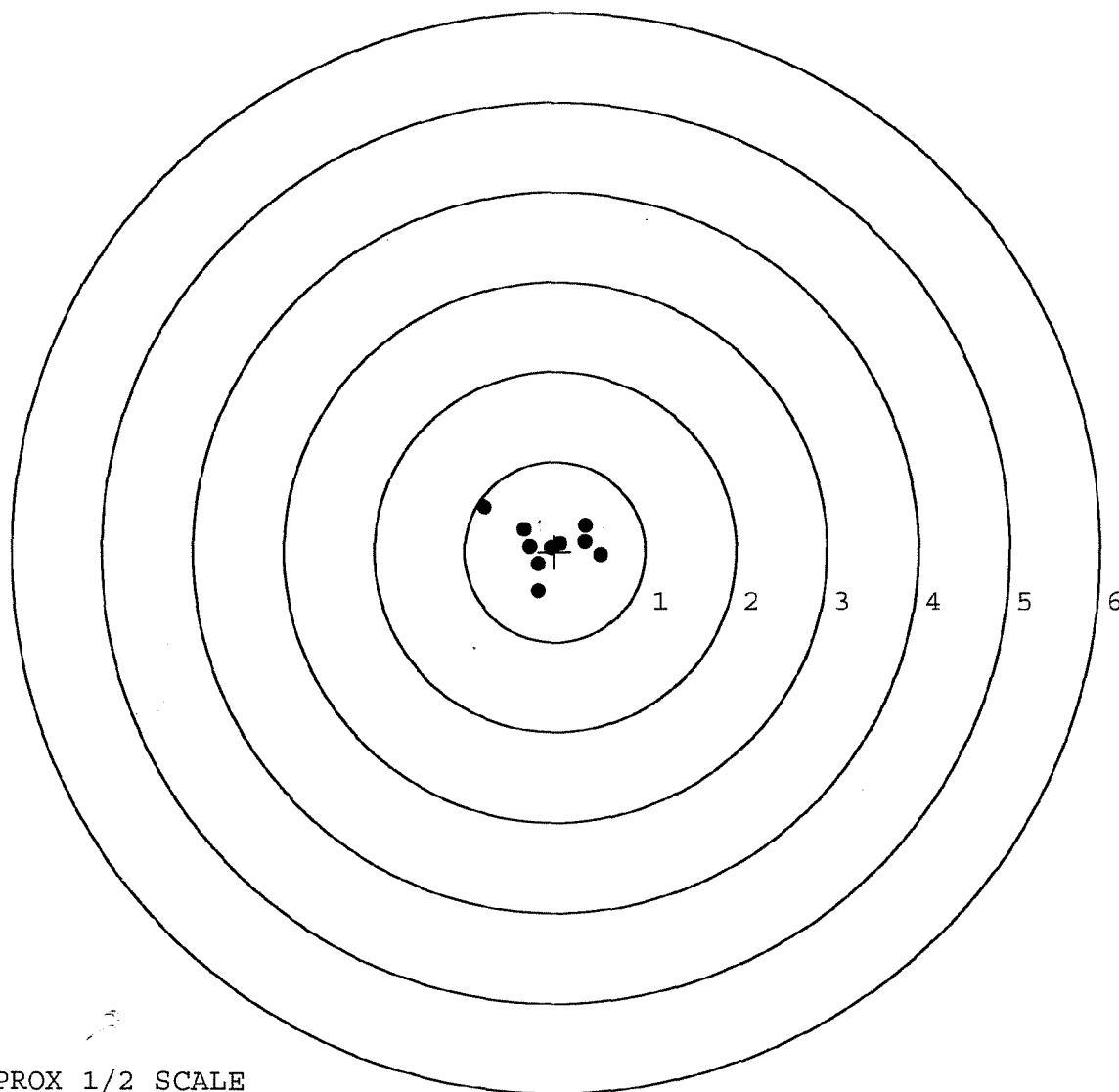
MAX RADIUS: 0.841

MEAN RADIUS: 0.375

# IN 1 IN DIAMETER: 7

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



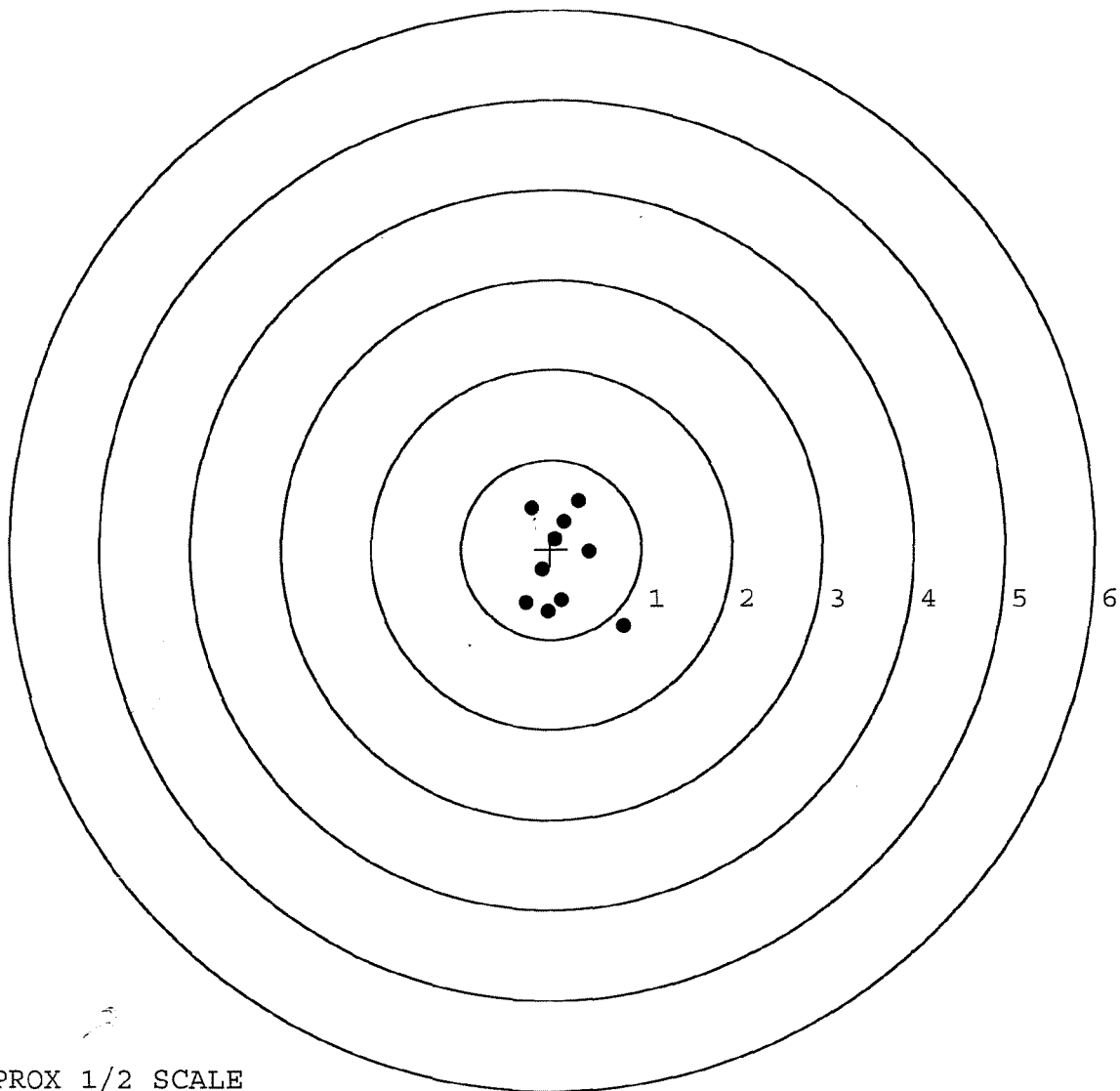
TARGET APPROX 1/2 SCALE



SERIAL NUMBER: E6413511. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 02/15/2003  
FILE TIME: 13:06

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.812  | -0.856 |
| 2:     | -0.214 | 0.460  |
| 3:     | 0.303  | 0.535  |
| 4:     | 0.425  | -0.027 |
| 5:     | 0.114  | -0.568 |
| 6:     | -0.039 | -0.694 |
| 7:     | -0.286 | -0.599 |
| 8:     | -0.094 | -0.233 |
| 9:     | 0.048  | 0.117  |
| 10:    | 0.146  | 0.311  |

X CENTROID: 0.122  
Y CENTROID: -0.155  
POA TO CENTROID: 0.197  
HORZ SPREAD: 1.098  
VERT SPREAD: 1.391  
GROUP SPREAD: 1.669  
MIN RADIUS: 0.229  
MAX RADIUS: 0.984  
MEAN RADIUS: 0.528  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

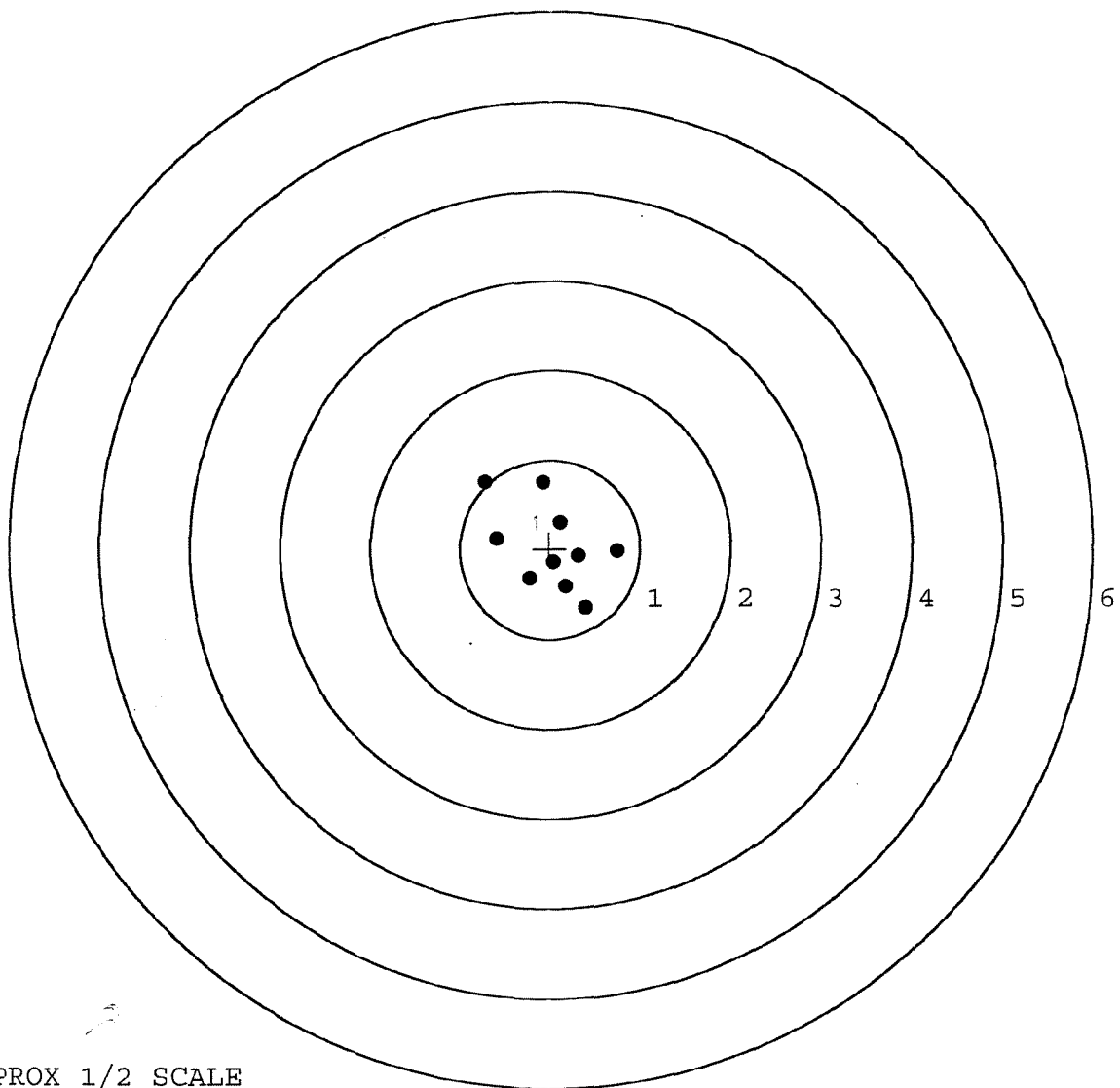


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413511. 0  
TARGET NUMBER: 4  
FILE DATE: 02/15/2003  
FILE TIME: 13:06

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.397  | -0.657 |
| 2:     | 0.752  | -0.020 |
| 3:     | 0.316  | -0.082 |
| 4:     | 0.120  | 0.300  |
| 5:     | -0.079 | 0.750  |
| 6:     | -0.721 | 0.750  |
| 7:     | -0.597 | 0.107  |
| 8:     | -0.221 | -0.329 |
| 9:     | 0.180  | -0.423 |
| 10:    | 0.045  | -0.153 |

X CENTROID: 0.019  
Y CENTROID: 0.024  
POA TO CENTROID: 0.031  
HORZ SPREAD: 1.473  
VERT SPREAD: 1.407  
GROUP SPREAD: 1.797  
MIN RADIUS: 0.179  
MAX RADIUS: 1.037  
MEAN RADIUS: 0.559  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

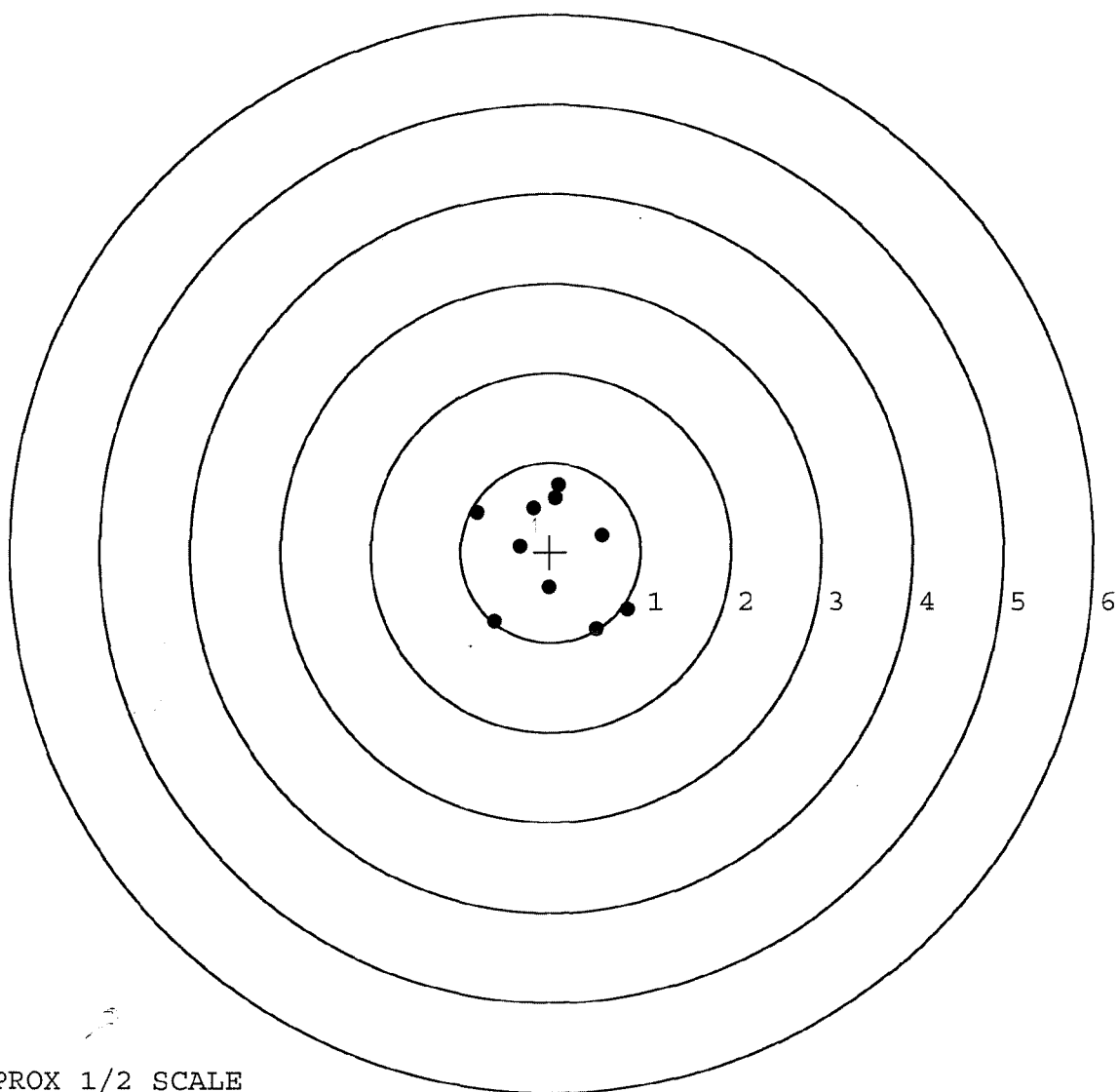


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413511. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 02/15/2003  
FILE TIME: 13:06

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.860  | -0.636 |
| 2:     | 0.510  | -0.858 |
| 3:     | -0.624 | -0.768 |
| 4:     | -0.016 | -0.395 |
| 5:     | 0.573  | 0.191  |
| 6:     | 0.096  | 0.752  |
| 7:     | 0.056  | 0.601  |
| 8:     | -0.189 | 0.488  |
| 9:     | -0.339 | 0.062  |
| 10:    | -0.817 | 0.443  |

X CENTROID: 0.011  
Y CENTROID: -0.012  
POA TO CENTROID: 0.016  
HORZ SPREAD: 1.677  
VERT SPREAD: 1.610  
GROUP SPREAD: 1.994  
MIN RADIUS: 0.358  
MAX RADIUS: 1.054  
MEAN RADIUS: 0.723  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

INITIAL & CYCLE TESTS  
 2.50# ± .50#  
 3.00# ± .75#  
 4.00# ± 1.00#

DATE 1-27-03

TESTER TRW

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS        |
|---------|------------------|--------------------------|--------------------------------|-------|-----------------|
| PULL #1 | 2.48             | 2.35                     |                                | 2.31  | MIN. SETTING    |
| PULL #2 | 2.53             | 2.30                     |                                | 2.49  | NO AVG. OF 5    |
| PULL #3 | 2.60             | 2.41                     |                                | 2.27  | READINGS ACCEPT |
| PULL #4 | 2.66             | 2.38                     |                                | 2.29  | ABLE LESS THAN  |
| PULL #5 | 2.55             | 2.39                     |                                | 2.28  |                 |
| TOTAL   | 12.82            | 11.83                    |                                | 11.64 |                 |
| AVG.    | 2.56             | 2.36                     |                                | 2.32  |                 |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.19             | 3.39                     |  |          |
| PULL #2 | 3.01             | 3.38                     |  |          |
| PULL #3 | 3.04             | 3.21                     |  |          |
| PULL #4 | 3.06             | 3.37                     |  |          |
| PULL #5 | 3.15             | 3.36                     |  |          |
| TOTAL   | 15.45            | 16.71                    |  |          |
| AVG.    | 3.09             | 3.34                     |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# &<br>TARGET & ACCU |
|---------|------------------|--------------------------|--------------------------------|--------------------------------|
| PULL #1 | 4.10             | 4.03                     |                                | 4.21                           |
| PULL #2 | 4.12             | 4.37                     |                                | 4.12                           |
| PULL #3 | 4.18             | 4.35                     |                                | 4.24                           |
| PULL #4 | 4.30             | 4.30                     |                                | 4.33                           |
| PULL #5 | 4.25             | 4.32                     |                                | 4.25                           |
| TOTAL   | 20.95            | 21.37                    |                                | 21.15                          |
| AVG.    | 4.19             | 4.27                     |                                | 4.23                           |

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

SERIAL # E6413511

INSPECTED BY: RW

DATE REC'D: 1-23-03

DATE RET'D: 2-15-03

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:

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

|                     |                         |                              |         |
|---------------------|-------------------------|------------------------------|---------|
| R & E NUMBER        | C00361                  |                              |         |
| SERIAL NUMBER       | B6890599 E6043511 (New) |                              |         |
| LOG-IN DATE         | 1-23-03                 |                              |         |
| INSPECT AND VERIFY: |                         |                              |         |
| OPERATION #         | OPERATION NAME          | DATE                         | INITIAL |
| 550                 | DIS-ASSEMBLE GUN        | 1-27-03                      | RTL     |
| 560 A               | RE-BARREL               | 1-27-03                      | RA      |
| B                   | DRILL AND TAP           | 1-27-03                      | TRW     |
| 575                 | ASSEMBLE MAGNA-FLUX     | 1-27-03                      | RW      |
| 600                 | PROOF INSPECTED         | 1-27-03                      | RW      |
| 605                 | CHECK HEADSPACE         | 1-27-03                      | RW      |
| 610                 | DIS-ASSEMBLE GUN        | 1-27-03                      | RW      |
| 612                 | MAGNAFLUX               |                              |         |
| 615                 | ROLLMARK CALIBER        |                              |         |
| 618                 | ROTO-BLAST              | 1-31-03                      | TFB     |
| 620                 | APPLY COATINGS          | 2-11                         | TA      |
| 625 A               | FINAL ASSEMBLY          | 2-13-03                      | RW      |
| B                   | TRIGGER PULL TEST       | 2.57, 2.62, 2.67, 2.67, 2.67 | RW      |
| C                   | SAFETY "ON" FORCE       | 8, 8.5, 8                    | RW      |
| D                   | SAFETY "OFF" FORCE      | 2.5, 3, 2.5                  | RW      |
| E                   | FIRING PIN INDENT       |                              |         |
| 640                 | TARGET                  | 2-14-03                      | TRW     |
| 655                 | FINAL INSPECT           | 2-17-03                      | RW      |
| 660                 | PACK                    | 2-19-03                      | RA      |
|                     |                         | SHIP DATE                    |         |
| QAR INSPECTION DATE |                         |                              |         |