

G 6590209  
F4400  
C-6225171

## Repair Inquiry

Repair Number: RE00146050

Serial: G6590209 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status: Closed 6/3/2008 9:50:20 AM

Verify Repair

## Address Information

Customer:

Received From

Return To:

Received From

Name: INSTALLATION SERIALIZATION OFFICER

INSTALLATION SERIALIZATION OFFICER

Address 1: BLDG 7920

BLDG 7920

Address 2:

PO Box:

PO Box:

City: FT. RILEY

FT. RILEY

State: KS

Zip Code: 66442

Country: US

State: KS

Zip Code: 66442

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                  | Qt |
|------|-----------------------|----|
| A006 | Sling Strap           | 1  |
| A007 | With Stud             | 3  |
| A008 | With Swivel           | 2  |
| A010 | Hard Case             | 1  |
| A017 | Scope Base            | 1  |
| A026 | Scope                 | 1  |
| A057 | Fit and Rear Sgt Base | 1  |
| 0000 | SCOPE CASE WITH I     | 1  |

## Repair Search

## Refresh

## Close

nagletj

6/3/2008

12:58 PM

CAPS

NUM

INS

100%



Number: G6590209

Model: M24 SWS



RE00146050

## INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R &amp; E NUMBER

146058

SERIAL NUMBER

G1059 0209

LOG-IN DATE

6-3-08

| OPERATION # | OPERATION NAME       | DATE                       | INITIAL |
|-------------|----------------------|----------------------------|---------|
| 500         | DIS-ASSEMBLE GUN     | 5-15-09                    | RT      |
| 505         | RE-BARREL            | 5-26-09                    | RT      |
| 420         | ASSEMBLE             | 5-26-09                    | RT      |
| 440         | PROOF                | 5-26-09                    | RT      |
| 460         | CHECK HEADSPACE      | 5-26-09                    | RT      |
| 470         | DIS-ASSEMBLE GUN     | 5-26-09                    | RT      |
| 480         | MAGNAFLUX            | 5-30-09                    | RT      |
| 510         | DRILL AND TAP        | 5-27-09                    | RT      |
| 500         | ROLLMARK CALIBER     | 6-1-09                     | RT      |
| 520         | GOFF BLAST BBL / REC | 6-1-09                     | DWO     |
| 530 & 540   | APPLY COATINGS       | 6-1-09                     | RT      |
| 560         | FINAL ASSEMBLY       | 6-4-09                     | RT      |
| 640         | FUNCTION TEST AND    | 6-4-09                     | RP      |
| 650         | TARGET               | 6-4-09                     | RP      |
|             | MALFUNCTION          | CORRECTION                 |         |
|             | MALFUNCTION          | CORRECTION                 |         |
|             | MALFUNCTION          | CORRECTION                 |         |
|             | MALFUNCTION          | CORRECTION                 |         |
| 670         | FINAL INSPECTION     | 6-5-09                     | RT      |
|             | A) HEADSPACE         | 6-5-09                     | RT      |
|             | B) TRIGGER PULL      | 268 272 271 274 276 6-5-09 | RT      |
| 680         | F) SAFETY ON FORCE   | 5.0 5.0 5.0 6-5-09         | RT      |
|             | G) SAFETY OFF FORCE  | 5.0 5.0 6.0 6-5-09         | RT      |
|             | I) FIRING PIN INDENT | .021 .021 .021 6-5-09      | RT      |
| 690         | PACK                 | 6-5-09                     | Fry     |

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590209.\_\_1  
FILE DATE AND TIME: 06/05/2009 07:36

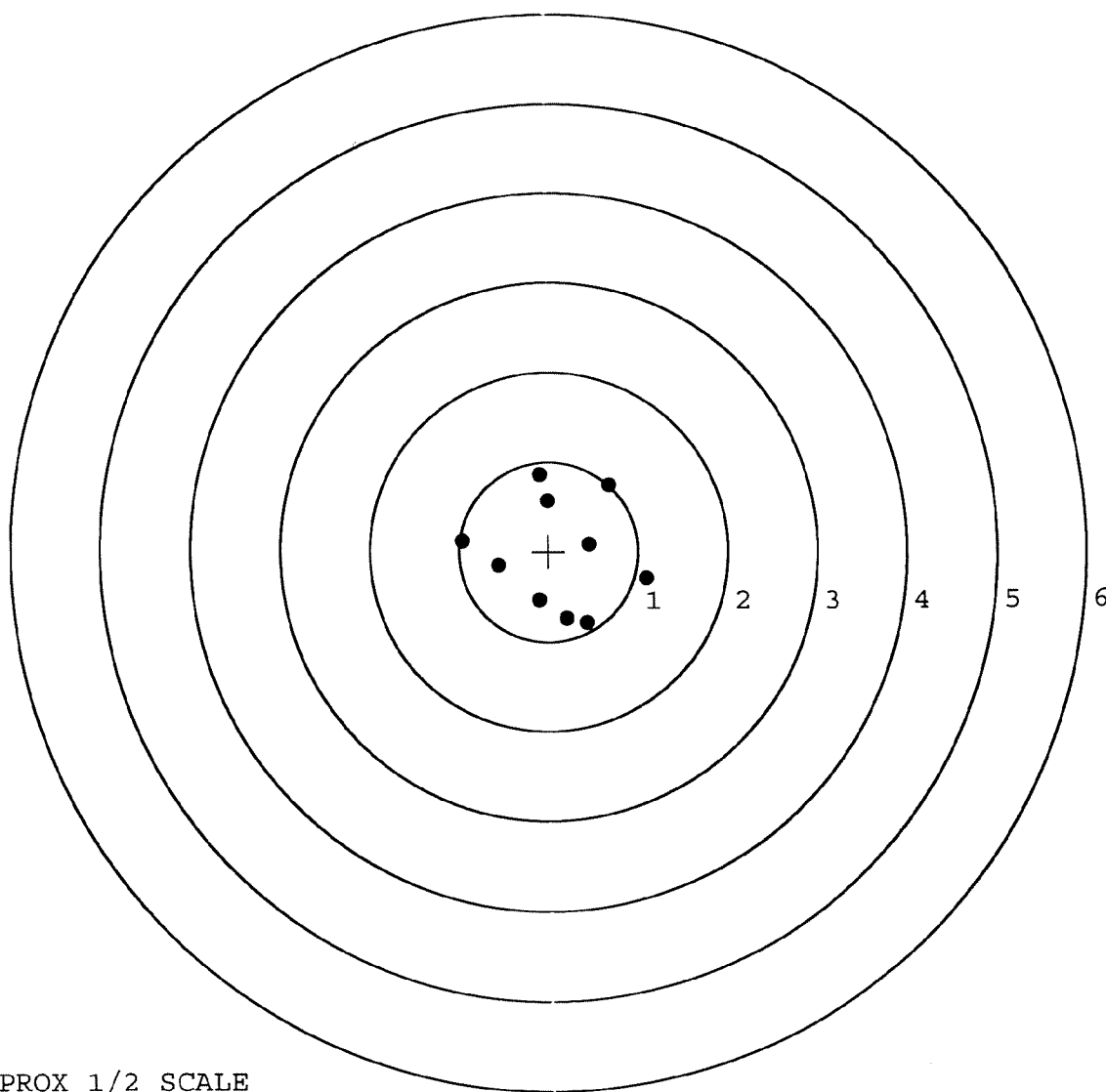
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.011 |
| The Average Y Centroid of the Five Target Set:              | 0.019  |
| The Average Point of Impact of the Five Target Set:         | 0.022  |
| The Average Mean Radius of the Five Target Set:             | 0.600  |
| The Distance from POA to Centroid Target #1:                | 0.113  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.120  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.232  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.151  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.185  |

SERIAL NUMBER: G6590209. \_\_1  
 TARGET NUMBER: 1  
 FILE DATE: 06/05/2009  
 FILE TIME: 07:36

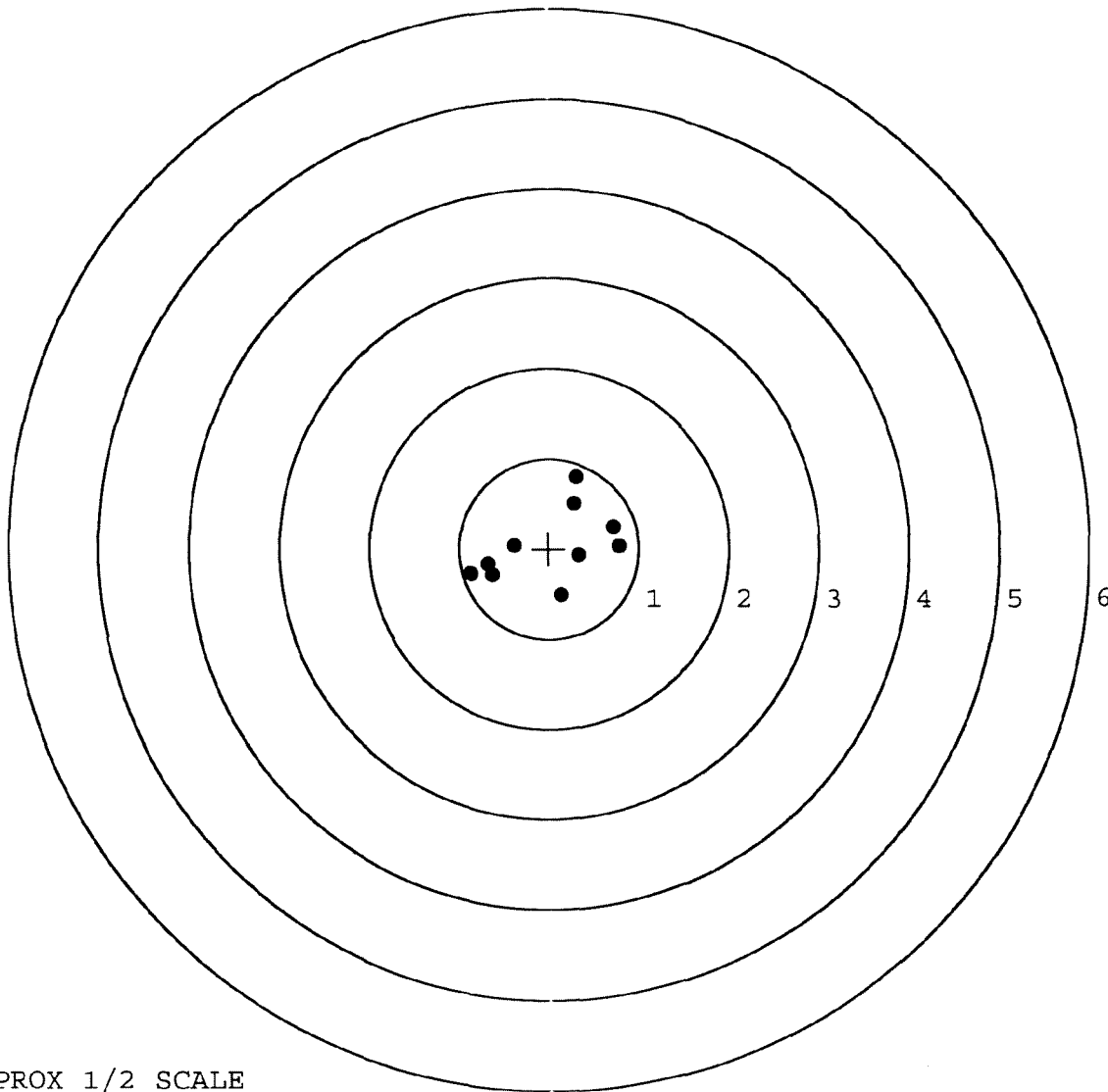
| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.961 | 0.122  |
| 2:     | -0.561 | -0.159 |
| 3:     | -0.113 | -0.542 |
| 4:     | 0.201  | -0.747 |
| 5:     | 0.428  | -0.795 |
| 6:     | 1.089  | -0.312 |
| 7:     | 0.459  | 0.080  |
| 8:     | 0.682  | 0.735  |
| 9:     | -0.013 | 0.563  |
| 10:    | -0.099 | 0.857  |

X CENTROID: 0.111  
 Y CENTROID: -0.020  
 POA TO CENTROID: 0.113  
 HORZ SPREAD: 2.050  
 VERT SPREAD: 1.652  
 GROUP SPREAD: 2.095  
 MIN RADIUS: 0.362  
 MAX RADIUS: 1.082  
 MEAN RADIUS: 0.773  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

| SERIAL NUMBER: G6590209. 1 | POINT# | X      | Y      |
|----------------------------|--------|--------|--------|
| TARGET NUMBER: 2           | 1:     | -0.868 | -0.276 |
| FILE DATE: 06/05/2009      | 2:     | -0.677 | -0.169 |
| FILE TIME: 07:36           | 3:     | -0.381 | 0.036  |
|                            | 4:     | 0.136  | -0.514 |
| X CENTROID: 0.001          | 5:     | 0.340  | -0.073 |
| Y CENTROID: 0.029          | 6:     | 0.781  | 0.032  |
| POA TO CENTROID: 0.029     | 7:     | 0.719  | 0.243  |
| HORZ SPREAD: 1.649         | 8:     | 0.307  | 0.797  |
| VERT SPREAD: 1.311         | 9:     | 0.284  | 0.502  |
| GROUP SPREAD: 1.678        | 10:    | -0.627 | -0.293 |
| MIN RADIUS: 0.353          |        |        |        |
| MAX RADIUS: 0.921          |        |        |        |
| MEAN RADIUS: 0.654         |        |        |        |
| # IN 1 IN DIAMETER: 2      |        |        |        |
| # IN 2 IN DIAMETER: 10     |        |        |        |
| # in 3 IN DIAMETER: 10     |        |        |        |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590209. \_\_1

TARGET NUMBER: 3

FILE DATE: 06/05/2009

FILE TIME: 07:36

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.173 | 0.020  |
| 2:     | -0.819 | 0.315  |
| 3:     | 0.204  | 0.880  |
| 4:     | -0.353 | -0.484 |
| 5:     | -0.029 | 0.397  |
| 6:     | 0.024  | -0.206 |
| 7:     | 0.611  | -0.304 |
| 8:     | 0.432  | 0.139  |
| 9:     | 0.186  | -0.023 |
| 10:    | 0.013  | 0.222  |

X CENTROID: -0.090

Y CENTROID: 0.096

POA TO CENTROID: 0.132

HORZ SPREAD: 1.784

VERT SPREAD: 1.364

GROUP SPREAD: 1.813

MIN RADIUS: 0.163

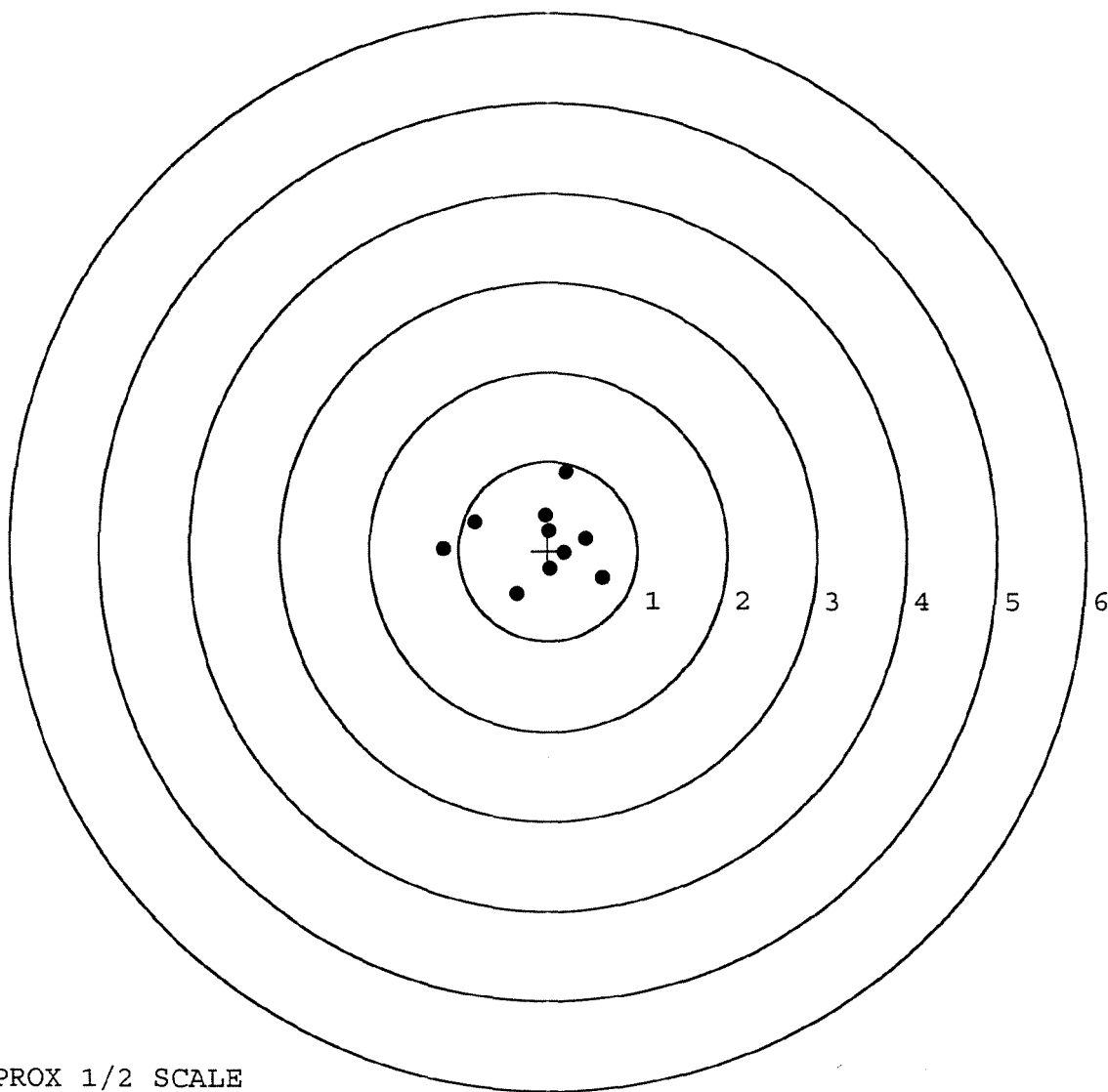
MAX RADIUS: 1.085

MEAN RADIUS: 0.575

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



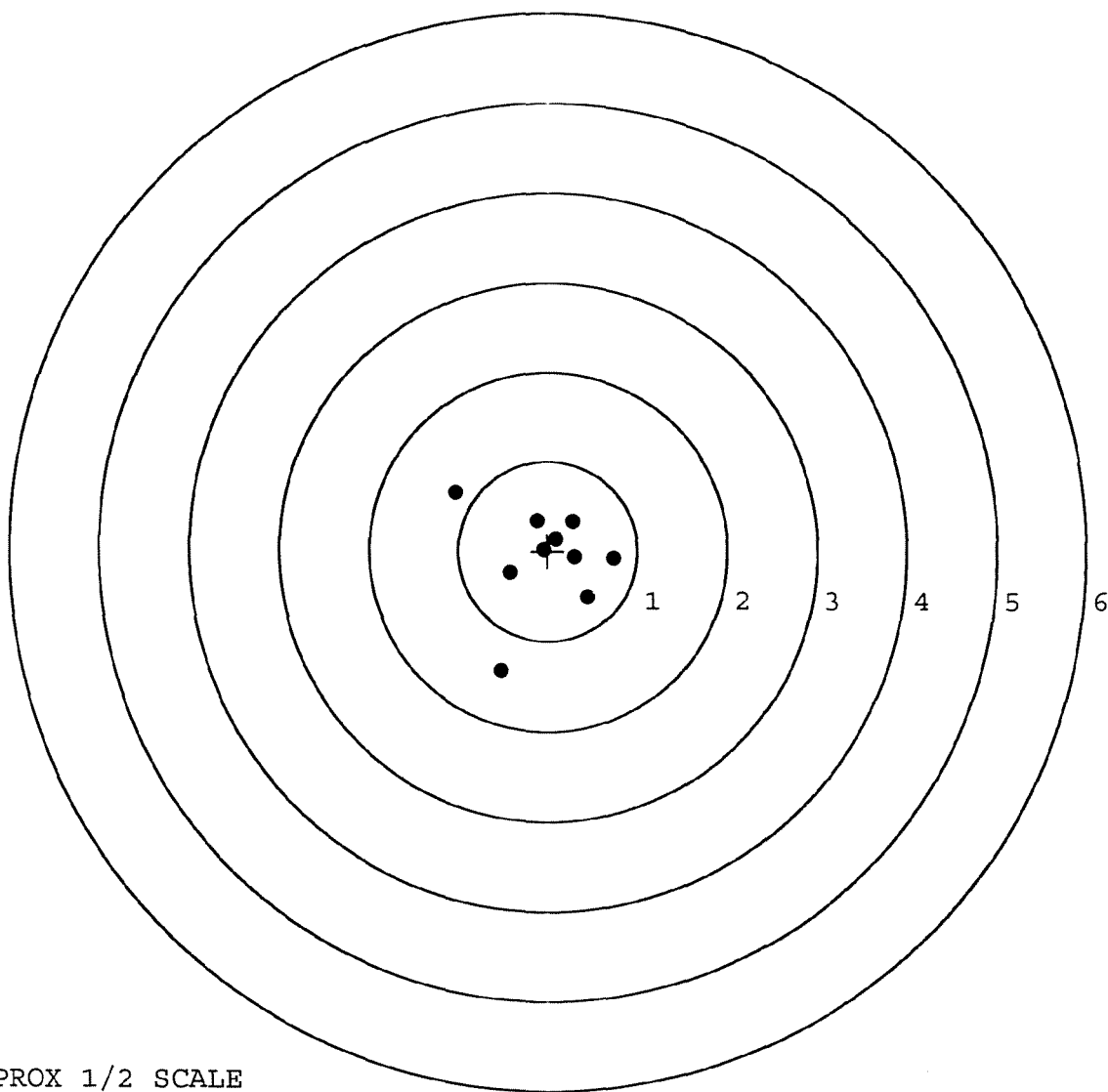
TARGET APPROX 1/2 SCALE

**BARBER - M24 0166768**

SERIAL NUMBER: G6590209. \_\_1  
 TARGET NUMBER: 4  
 FILE DATE: 06/05/2009  
 FILE TIME: 07:36

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.520 | -1.333 |
| 2:     | -0.426 | -0.242 |
| 3:     | -1.033 | 0.658  |
| 4:     | 0.445  | -0.520 |
| 5:     | 0.735  | -0.086 |
| 6:     | 0.306  | -0.073 |
| 7:     | 0.284  | 0.330  |
| 8:     | -0.046 | 0.019  |
| 9:     | -0.120 | 0.334  |
| 10:    | 0.098  | 0.131  |

X CENTROID: -0.028  
 Y CENTROID: -0.078  
 POA TO CENTROID: 0.083  
 HORZ SPREAD: 1.768  
 VERT SPREAD: 1.991  
 GROUP SPREAD: 2.056  
 MIN RADIUS: 0.099  
 MAX RADIUS: 1.348  
 MEAN RADIUS: 0.605  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590209. \_\_1

TARGET NUMBER: 5

FILE DATE: 06/05/2009

FILE TIME: 07:36

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.427 | 0.476  |
| 2:     | -0.594 | 0.021  |
| 3:     | 0.187  | -0.472 |
| 4:     | 0.432  | 0.498  |
| 5:     | 0.132  | 0.328  |
| 6:     | 0.225  | 0.079  |
| 7:     | -0.461 | -0.063 |
| 8:     | -0.190 | -0.066 |
| 9:     | 0.176  | -0.111 |
| 10:    | 0.014  | 0.001  |

X CENTROID: -0.051

Y CENTROID: 0.069

POA TO CENTROID: 0.086

HORZ SPREAD: 1.026

VERT SPREAD: 0.970

GROUP SPREAD: 1.131

MIN RADIUS: 0.094

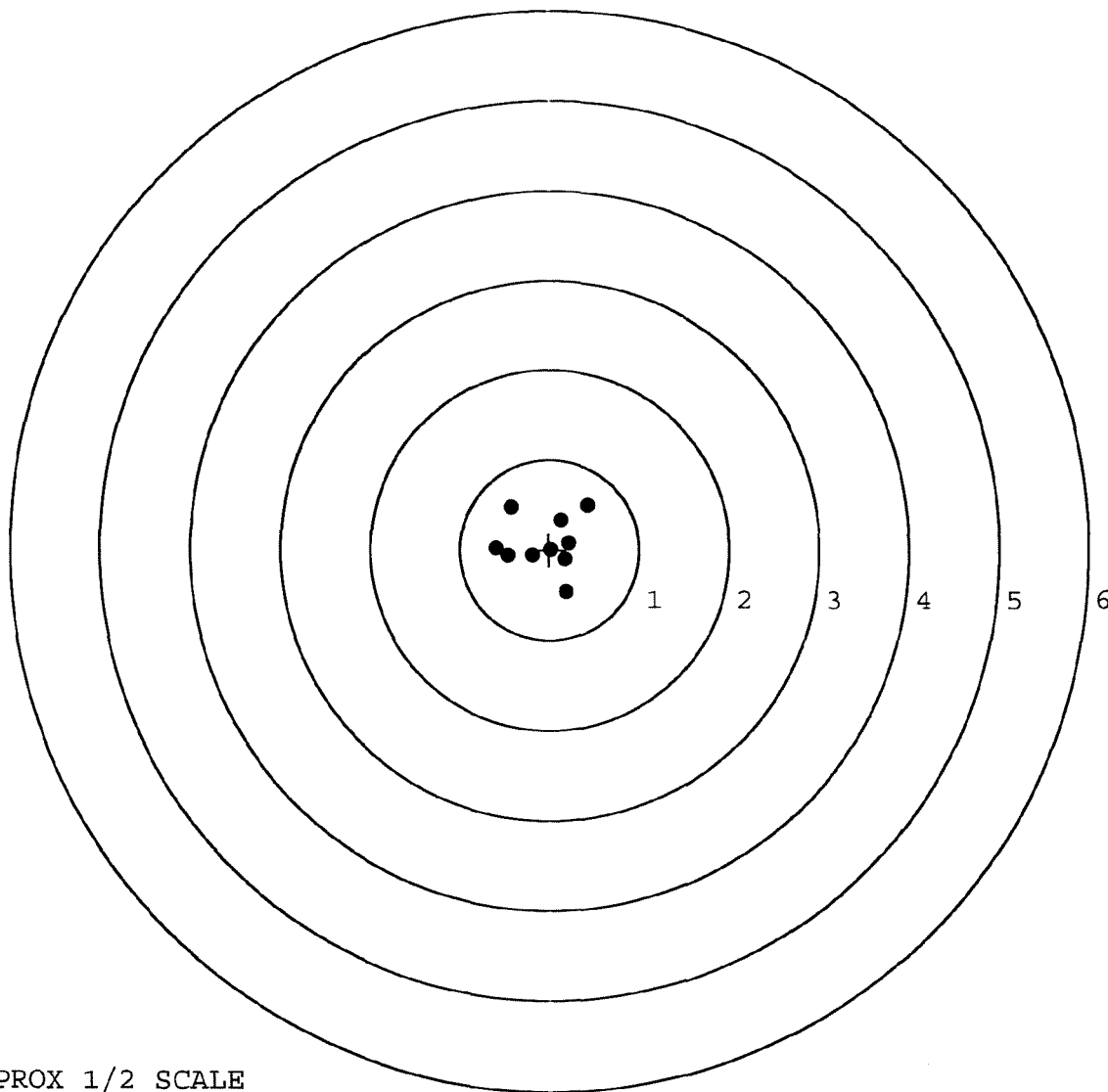
MAX RADIUS: 0.646

MEAN RADIUS: 0.394

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Deploy KIT  
Soft CASE  
SLWB

## 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: RE00133033

Serial: C6225171 Model M24 SWS Center Fire  
Caliber: 7.62 NATO Produced: 06/21/1989

Repairman:

Status:

Closed 8/22/2007 7:12:54 AM

Verify Repair High Priority

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: XR WOK8 USA ROCK ISL ARSENAL

XR WOK8 USA ROCK ISL ARSENAL

Address 2: BLDG 299 GILLESPIE AVE BECK PO Box:

BLDG 299 GILLESPIE AVE BECK PO Box:

City: ROCK ISLAND

ROCK ISLAND

State: IL

Zip Code: 61299

Country: US

State: IL

Zip Code: 61299

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   |
| A055 | Deployment Kit        | 1   |
| A057 | Fit and Rear Sgt Base | 1   |
| D000 | SCOPE CASE            | 1   |

## Repair Search

Refresh

Close

naglej

8/22/2007

7:54 AM

CAPS

NUM

INS

SCRL

start

Inbox - Micr...

Calendar - M...

FW: Restrict...

Arms Service...

7:54 AM

6659 0209 (New)

Serial Number: **C6225171**

Model: **M24 SWS**



**RE00133033**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590209.\_\_0  
FILE DATE AND TIME: 10/15/2007 14:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.007  |
| The Average Y Centroid of the Five Target Set:              | -0.008 |
| The Average Point of Impact of the Five Target Set:         | 0.010  |
| The Average Mean Radius of the Five Target Set:             | 0.782  |
| The Distance from POA to Centroid Target #1:                | 0.375  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.537  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.488  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.458  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.421  |

**BARBER - M24 0166773**

SERIAL NUMBER: G6590209. \_\_0

TARGET NUMBER: 1

FILE DATE: 10/15/2007

FILE TIME: 14:29

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 2.128  | -0.292 |
| 2:     | 1.370  | 0.789  |
| 3:     | 0.708  | 1.672  |
| 4:     | 0.720  | 0.363  |
| 5:     | -0.432 | 1.092  |
| 6:     | -0.122 | 0.343  |
| 7:     | -1.173 | 0.285  |
| 8:     | -0.783 | -0.936 |
| 9:     | 0.228  | -0.923 |
| 10:    | 0.935  | -1.282 |

X CENTROID: 0.358

Y CENTROID: 0.111

POA TO CENTROID: 0.375

HORZ SPREAD: 3.301

VERT SPREAD: 2.954

GROUP SPREAD: 3.351

MIN RADIUS: 0.441

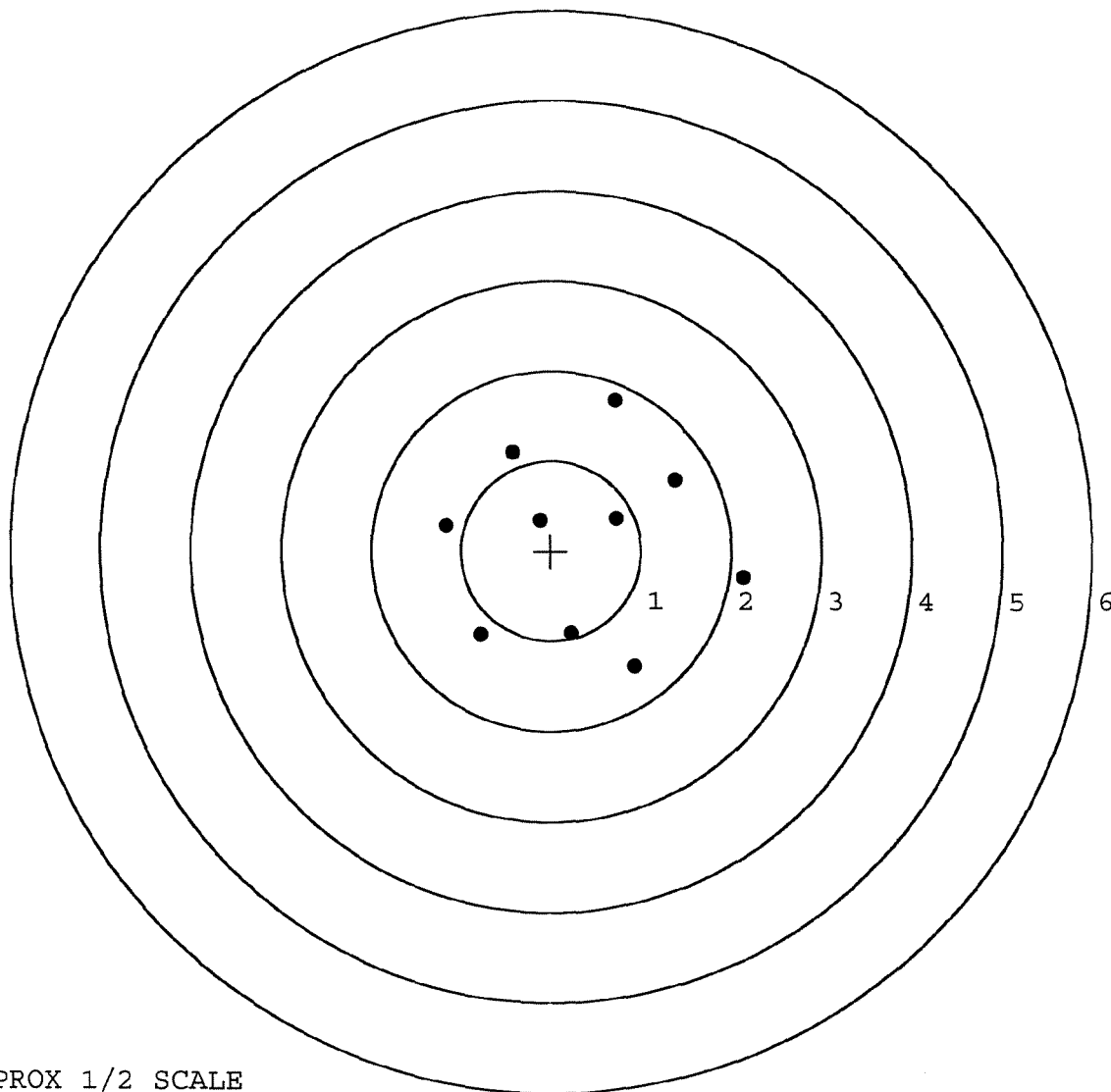
MAX RADIUS: 1.815

MEAN RADIUS: 1.251

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 2

# in 3 IN DIAMETER: 5



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590209. \_\_0

TARGET NUMBER: 2

FILE DATE: 10/15/2007

FILE TIME: 14:29

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.648  | -0.826 |
| 2:     | 0.729  | -0.338 |
| 3:     | -0.233 | -0.976 |
| 4:     | -0.705 | -0.632 |
| 5:     | -0.472 | -0.386 |
| 6:     | -0.587 | -0.071 |
| 7:     | -0.325 | 0.073  |
| 8:     | -0.371 | 0.249  |
| 9:     | 0.118  | 0.433  |
| 10:    | 0.318  | 0.588  |

X CENTROID: -0.088

Y CENTROID: -0.189

POA TO CENTROID: 0.208

HORZ SPREAD: 1.434

VERT SPREAD: 1.564

GROUP SPREAD: 1.481

MIN RADIUS: 0.353

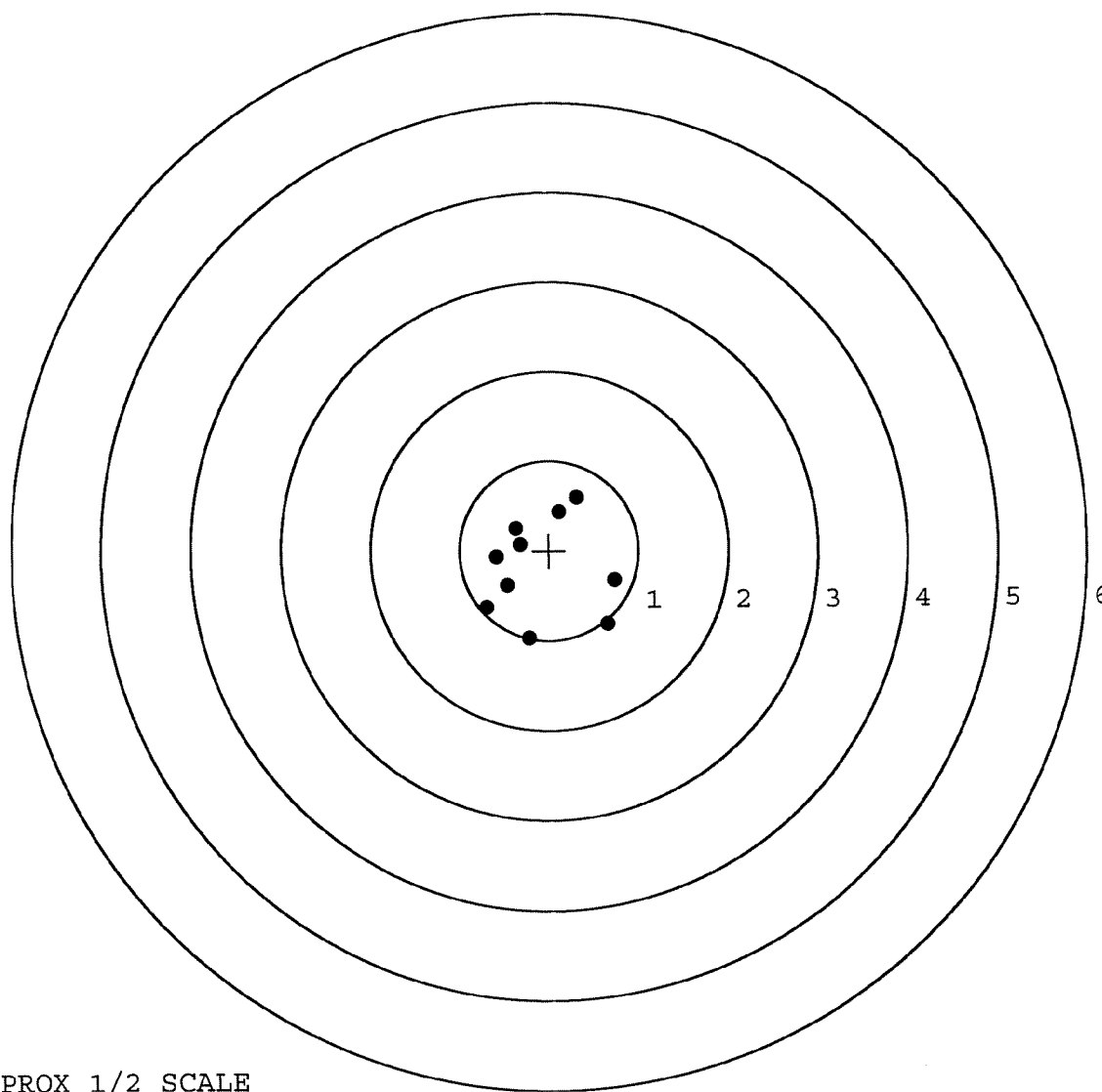
MAX RADIUS: 0.974

MEAN RADIUS: 0.671

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590209. 0

TARGET NUMBER: 3

FILE DATE: 10/15/2007

FILE TIME: 14:29

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.843  | -0.141 |
| 2:     | -1.211 | 1.100  |
| 3:     | 0.049  | 0.336  |
| 4:     | -0.186 | 0.183  |
| 5:     | -0.342 | 0.234  |
| 6:     | -0.652 | 0.220  |
| 7:     | -0.145 | -0.138 |
| 8:     | -0.103 | -0.435 |
| 9:     | 0.086  | -0.269 |
| 10:    | 0.371  | -0.276 |

X CENTROID: -0.129

Y CENTROID: 0.081

POA TO CENTROID: 0.153

HORZ SPREAD: 2.054

VERT SPREAD: 1.535

GROUP SPREAD: 2.400

MIN RADIUS: 0.116

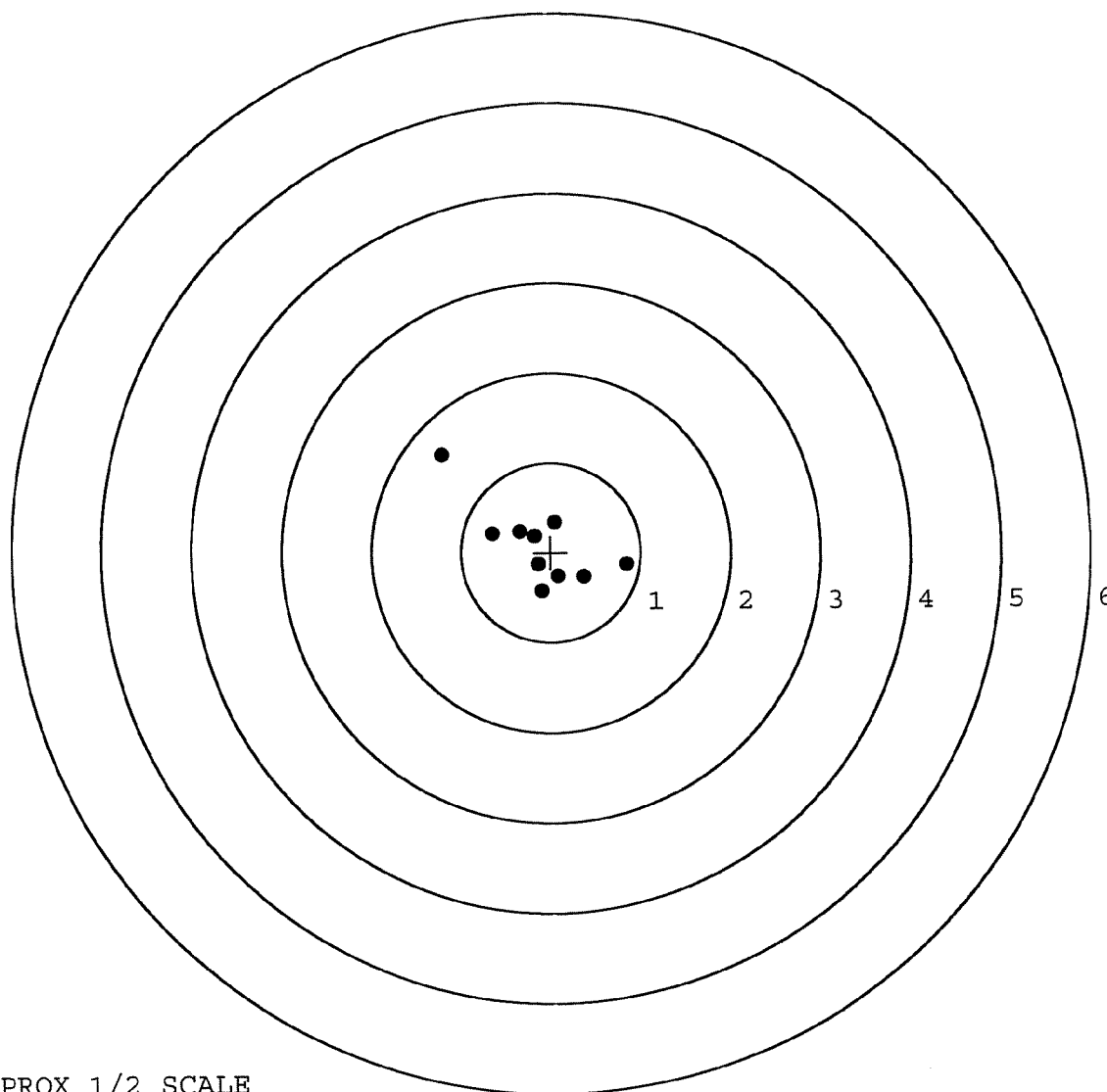
MAX RADIUS: 1.486

MEAN RADIUS: 0.548

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590209. \_\_0

TARGET NUMBER: 4

FILE DATE: 10/15/2007

FILE TIME: 14:29

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.083  | -1.078 |
| 2:     | 0.239  | -0.603 |
| 3:     | 0.473  | -0.180 |
| 4:     | 0.608  | 0.244  |
| 5:     | -0.258 | 0.929  |
| 6:     | -0.354 | -0.751 |
| 7:     | -1.031 | -0.263 |
| 8:     | -0.539 | 0.094  |
| 9:     | -0.460 | 0.352  |
| 10:    | -0.216 | 0.200  |

X CENTROID: -0.046

Y CENTROID: -0.106

POA TO CENTROID: 0.115

HORZ SPREAD: 2.114

VERT SPREAD: 2.007

GROUP SPREAD: 2.414

MIN RADIUS: 0.350

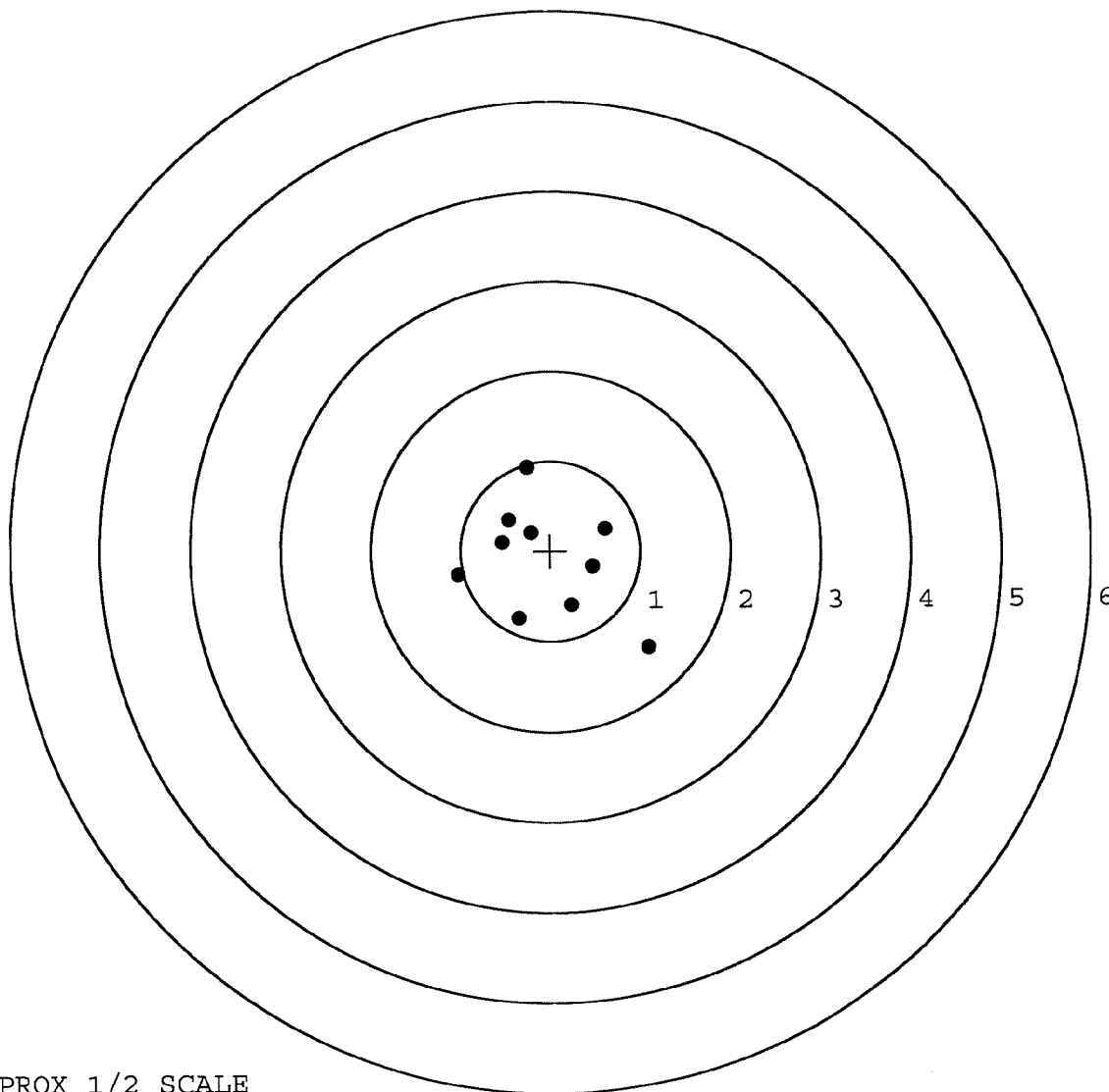
MAX RADIUS: 1.490

MEAN RADIUS: 0.760

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



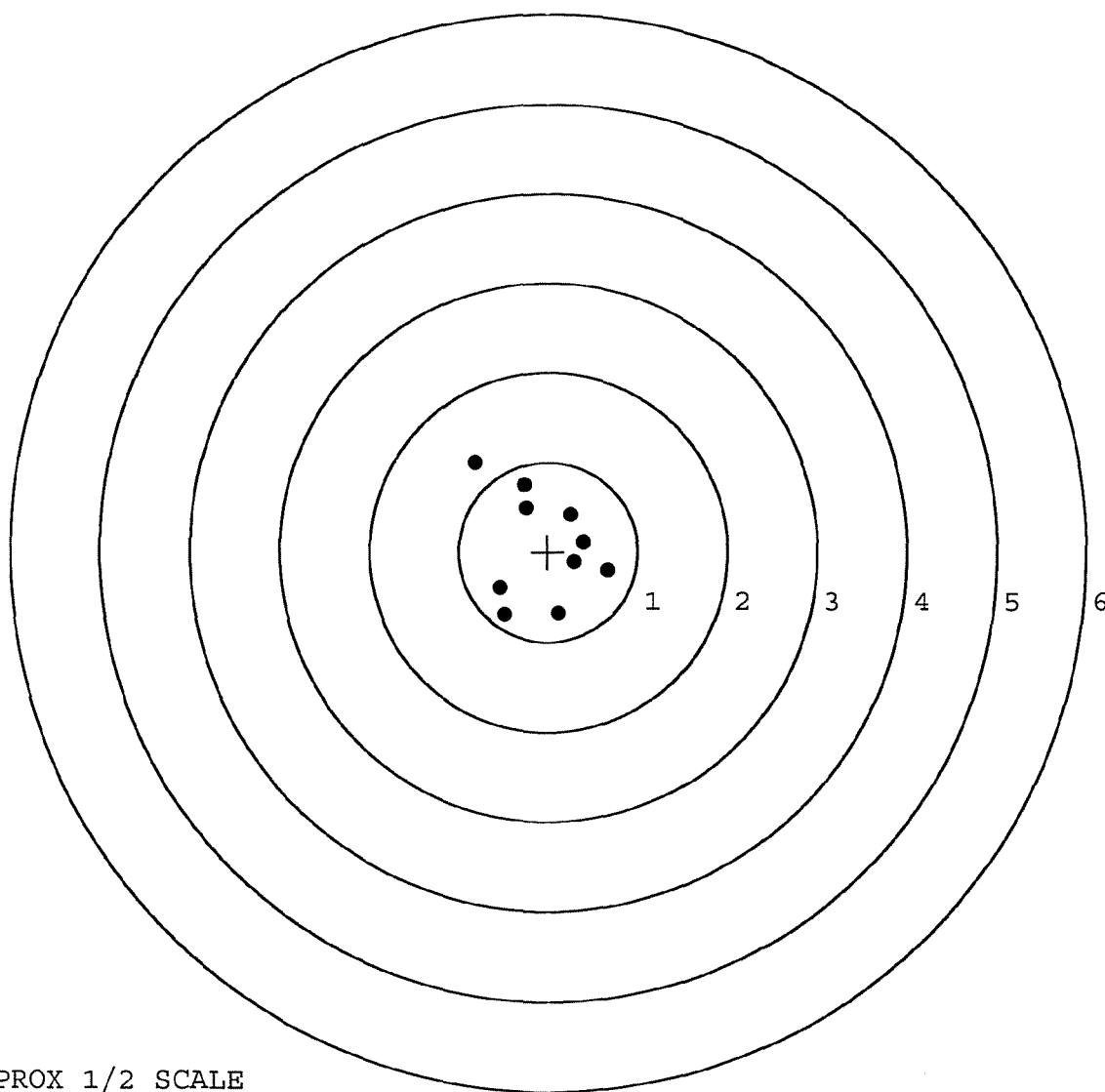
TARGET APPROX 1/2 SCALE

**BARBER - M24 0166777**

SERIAL NUMBER: G6590209. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 10/15/2007  
 FILE TIME: 14:29

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.812 | 0.998  |
| 2:     | -0.263 | 0.753  |
| 3:     | -0.245 | 0.487  |
| 4:     | 0.256  | 0.413  |
| 5:     | 0.403  | 0.104  |
| 6:     | 0.296  | -0.117 |
| 7:     | 0.670  | -0.208 |
| 8:     | 0.117  | -0.688 |
| 9:     | -0.493 | -0.703 |
| 10:    | -0.536 | -0.400 |

X CENTROID: -0.061  
 Y CENTROID: 0.064  
 POA TO CENTROID: 0.088  
 HORZ SPREAD: 1.482  
 VERT SPREAD: 1.701  
 GROUP SPREAD: 1.925  
 MIN RADIUS: 0.400  
 MAX RADIUS: 1.199  
 MEAN RADIUS: 0.681  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10

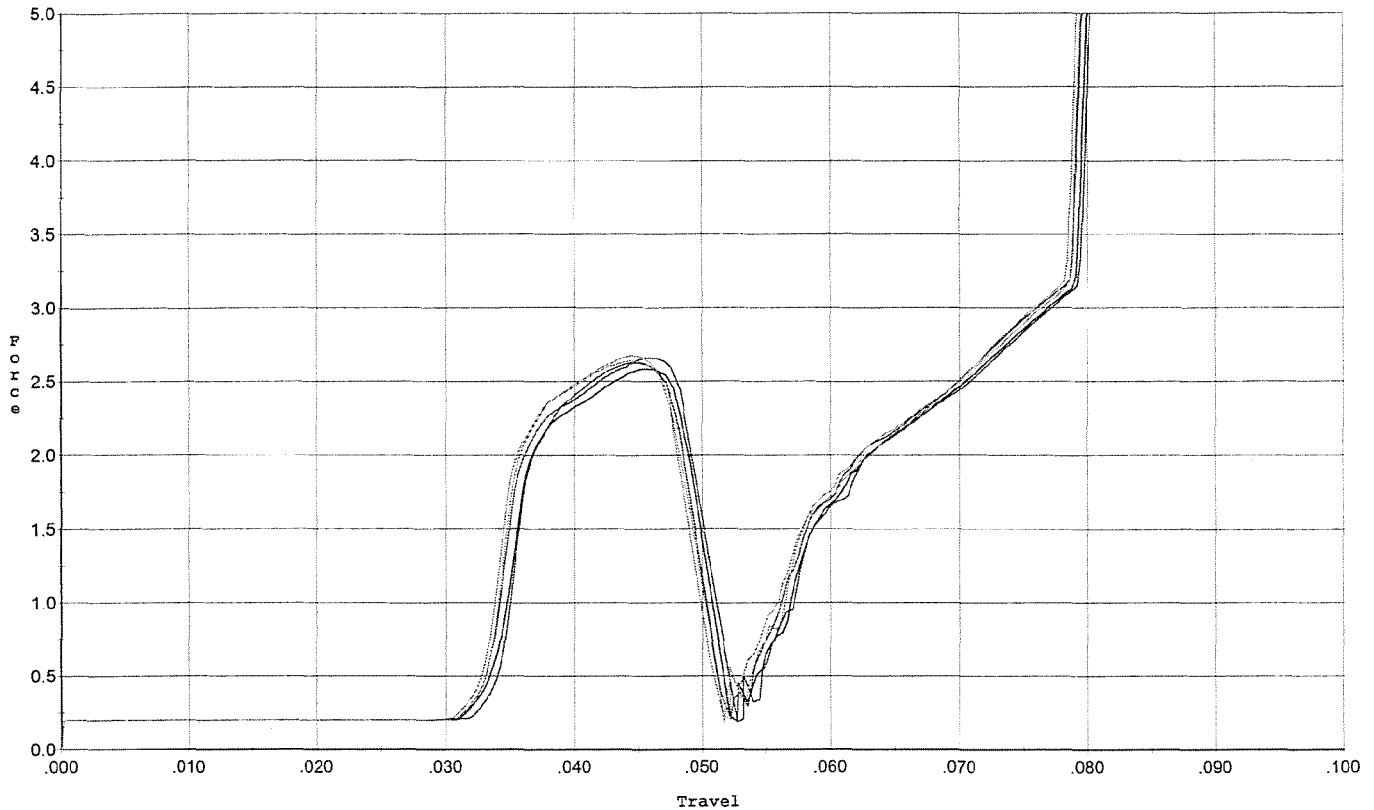


TARGET APPROX 1/2 SCALE

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 9/25/07

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



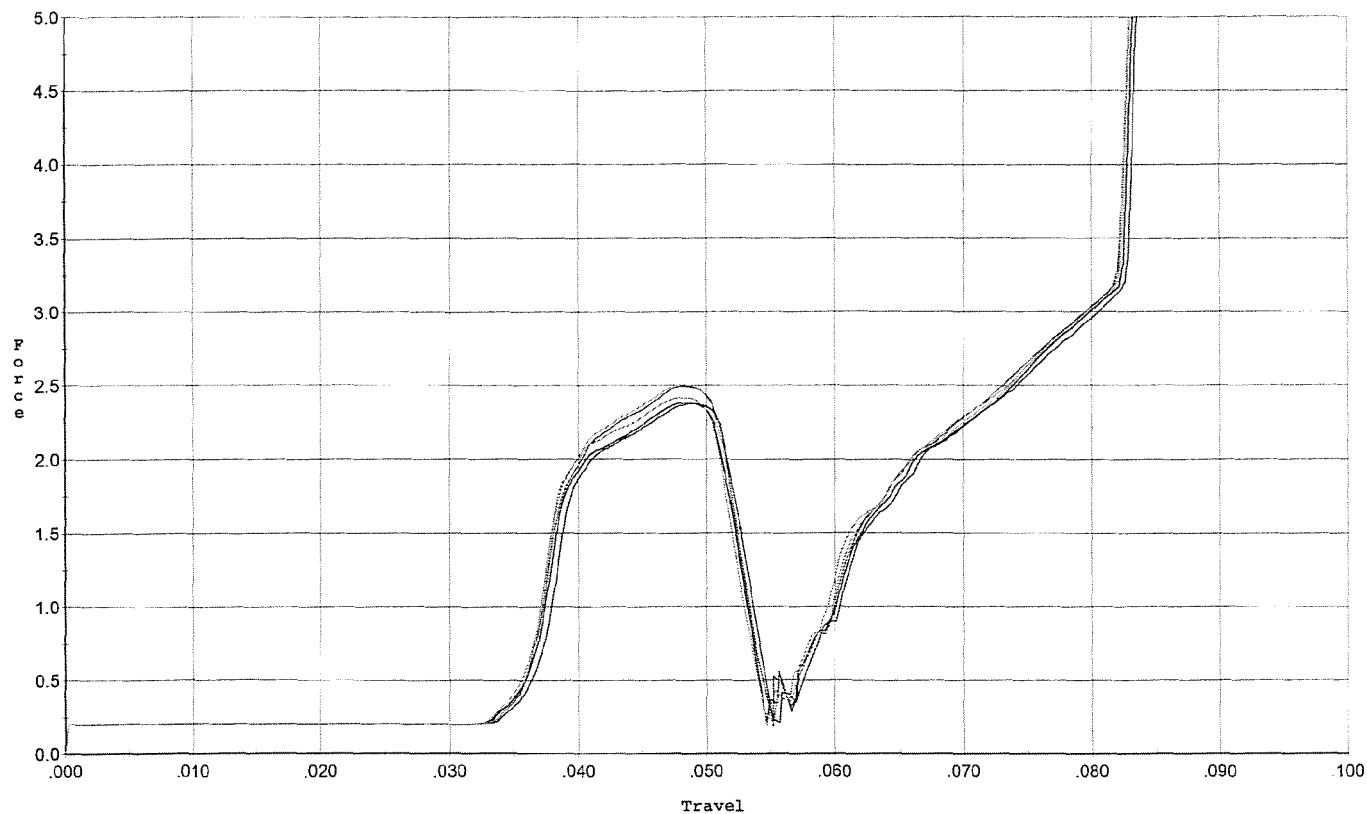
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.658      | 0.050             | 0.034           | 0.035      | 0.043             |           | Set Trigger |
| 2 | 2.586      | 0.049             | 0.033           | 0.036      | 0.041             |           | Set Trigger |
| 3 | 2.628      | 0.048             | 0.033           | 0.035      | 0.042             |           | Set Trigger |
| 4 | 2.640      | 0.049             | 0.032           | 0.035      | 0.043             |           | Set Trigger |
| 5 | 2.675      | 0.047             | 0.032           | 0.035      | 0.042             |           | Set Trigger |

Avg 2.63

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 9/25/07

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



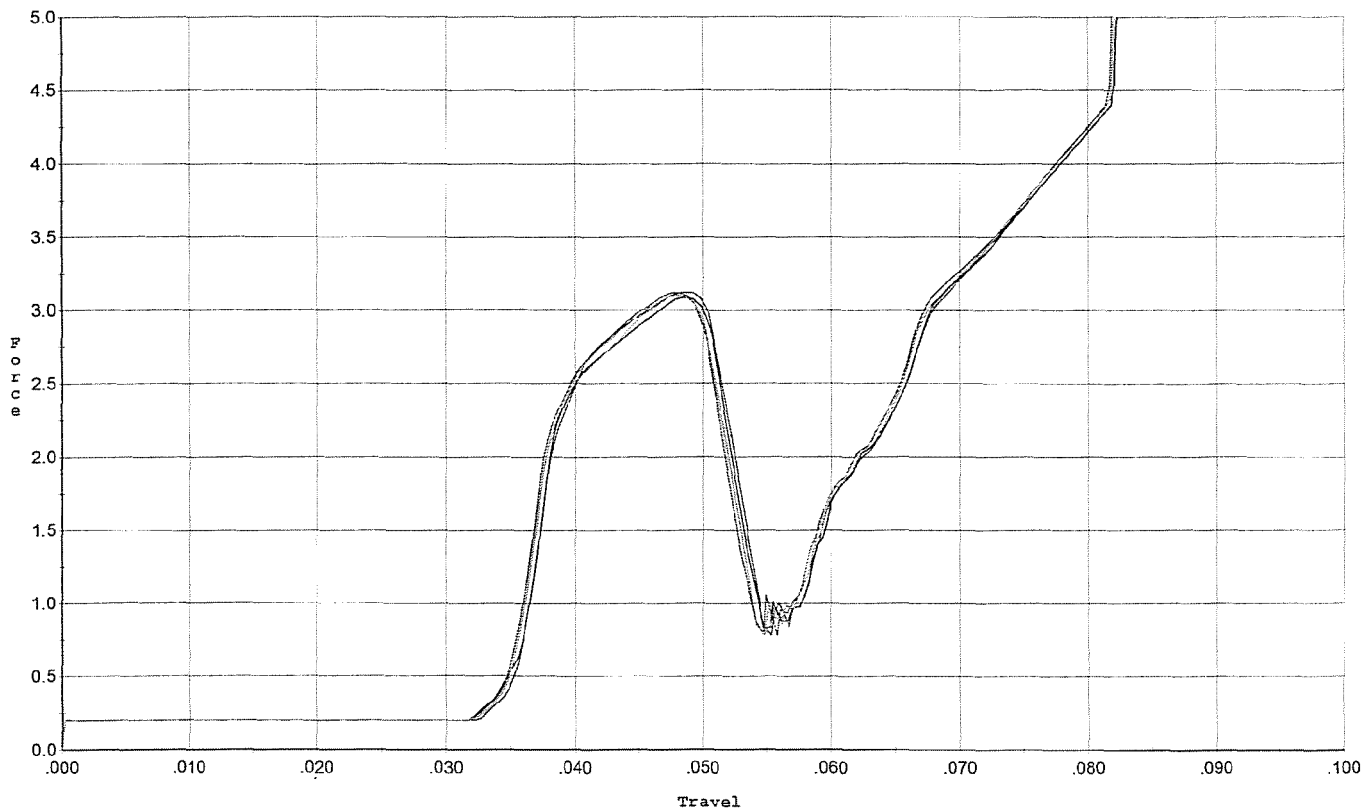
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.380      | 0.053             | 0.036           | 0.037      | 0.040             |           | Set Trigger |
| 2 | 2.384      | 0.052             | 0.035           | 0.037      | 0.040             |           | Set Trigger |
| 3 | 2.496      | 0.051             | 0.036           | 0.037      | 0.040             |           | Set Trigger |
| 4 | 2.506      | 0.051             | 0.035           | 0.037      | 0.041             |           | Set Trigger |
| 5 | 2.418      | 0.051             | 0.035           | 0.037      | 0.039             |           | Set Trigger |

Avg 2.43

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 9/25/07

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



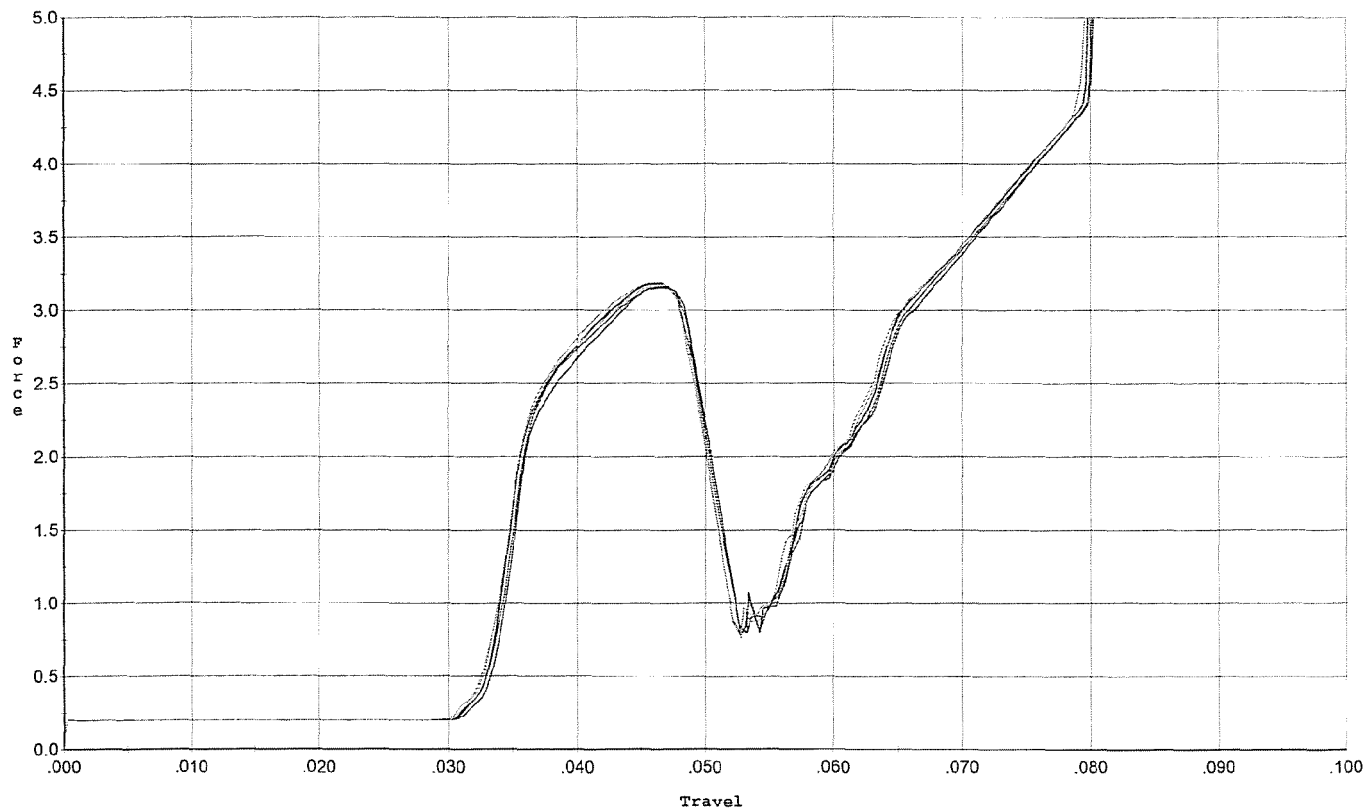
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.122      | 0.052             | 0.035           | 0.036      | 0.051             |           | Set Trigger |
| 2 | 3.082      | 0.051             | 0.034           | 0.036      | 0.049             |           | Set Trigger |
| 3 | 3.120      | 0.050             | 0.034           | 0.036      | 0.049             |           | Set Trigger |
| 4 | 3.104      | 0.052             | 0.035           | 0.036      | 0.050             |           | Set Trigger |
| 5 | 3.102      | 0.052             | 0.034           | 0.036      | 0.050             |           | Set Trigger |

Avg 3.10

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 9/25/07

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



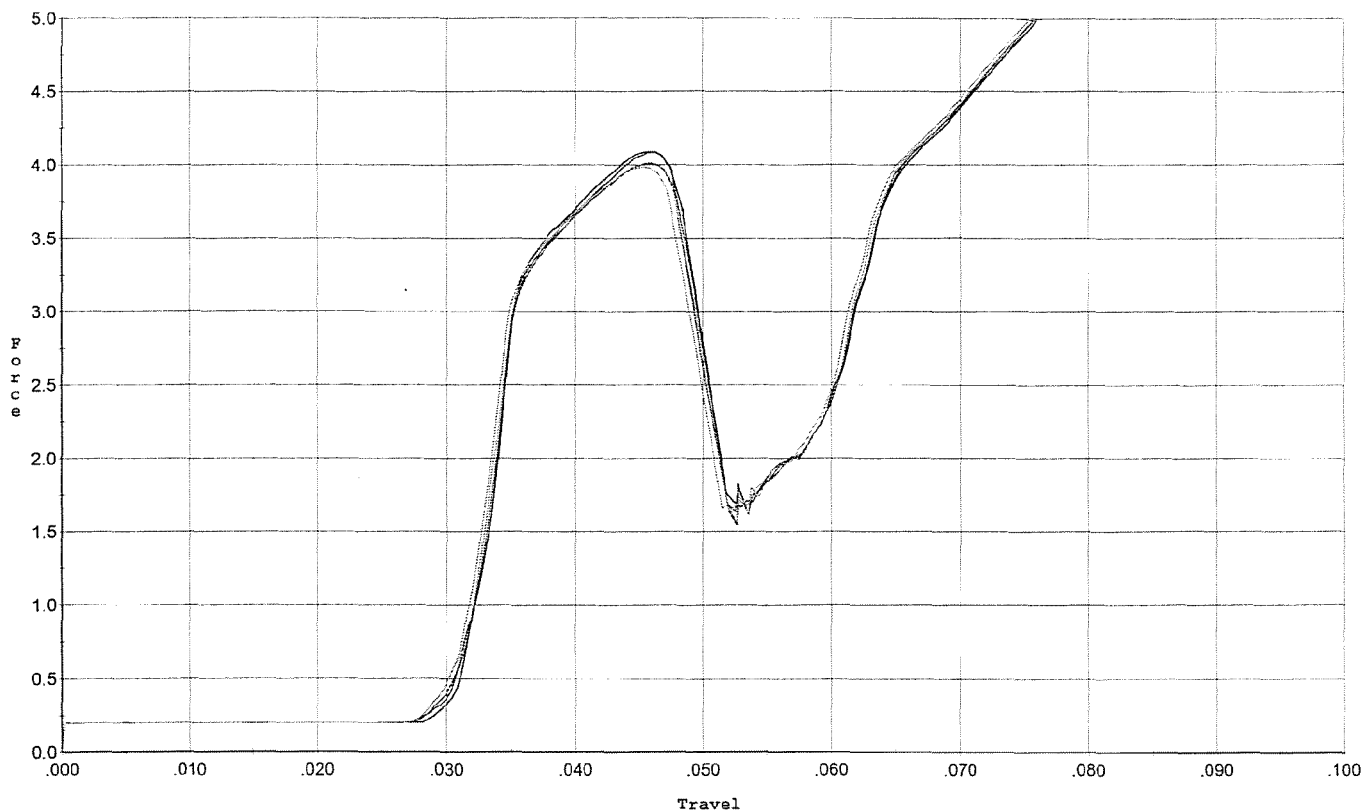
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 3.162      | 0.050             | 0.033           | 0.035      | 0.051             |           | Set Trigger |
| 2 | 3.183      | 0.049             | 0.033           | 0.034      | 0.050             |           | Set Trigger |
| 3 | 3.153      | 0.049             | 0.033           | 0.035      | 0.049             |           | Set Trigger |
| 4 | 3.189      | 0.049             | 0.032           | 0.034      | 0.051             |           | Set Trigger |
| 5 | 3.174      | 0.049             | 0.032           | 0.034      | 0.050             |           | Set Trigger |

Avg 3.17

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 9/25/07

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



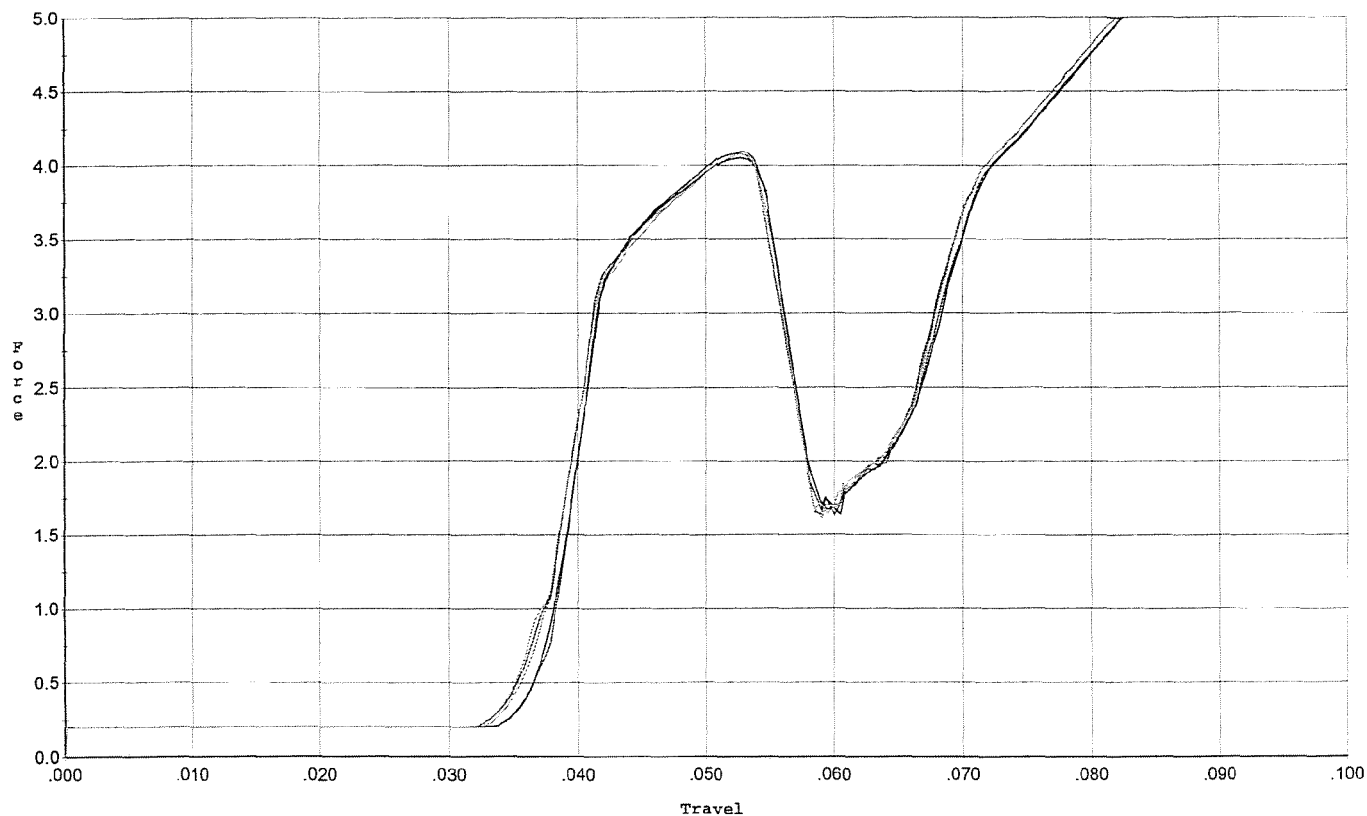
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.084      | 0.049             | 0.030           | 0.033      | 0.067             |           | Set Trigger |
| 2 | 4.090      | 0.048             | 0.031           | 0.033      | 0.066             |           | Set Trigger |
| 3 | 4.006      | 0.048             | 0.030           | 0.033      | 0.064             |           | Set Trigger |
| 4 | 3.982      | 0.049             | 0.030           | 0.032      | 0.066             |           | Set Trigger |
| 5 | 4.015      | 0.050             | 0.030           | 0.033      | 0.068             |           | Set Trigger |

Avg 4.03

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 9/25/07

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



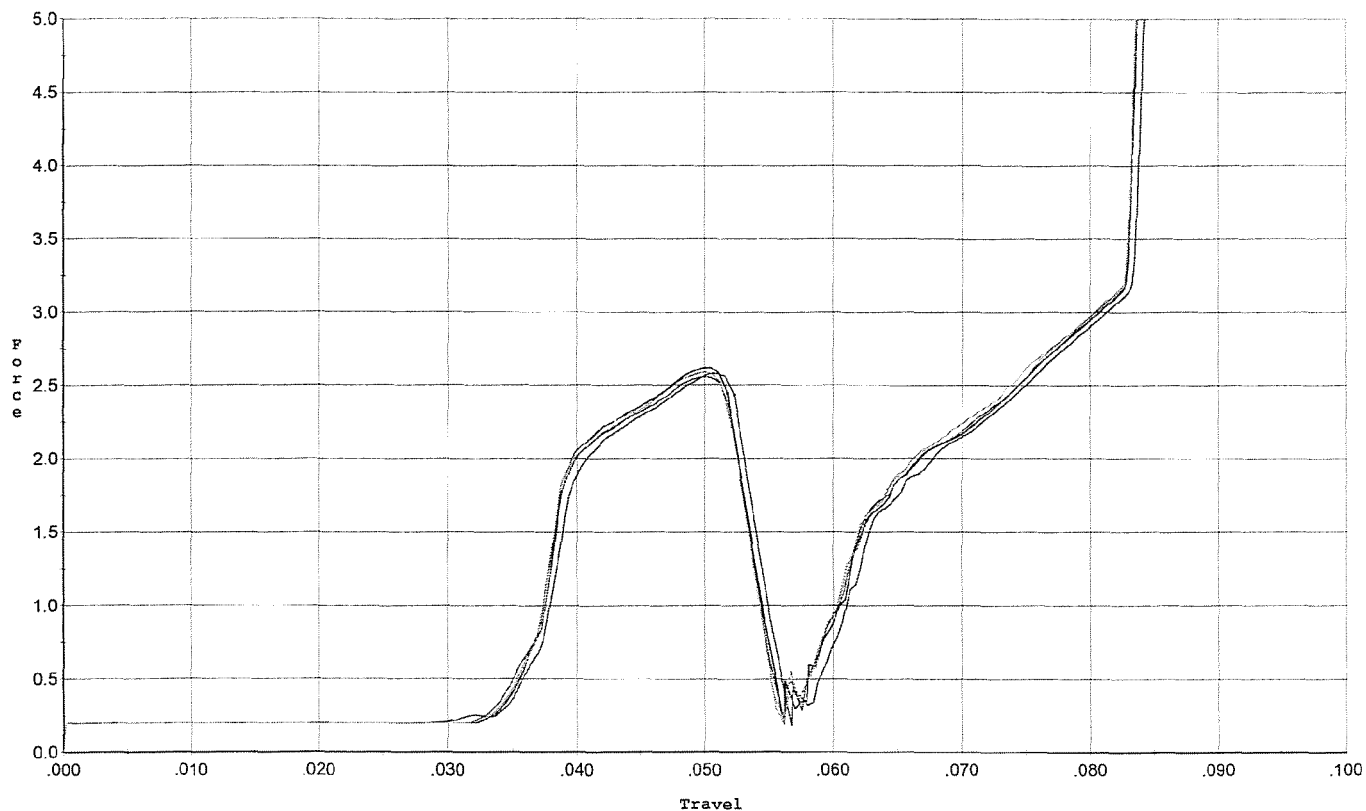
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 4.091      | 0.055             | 0.036           | 0.034      | 0.070             |           | Set Trigger |
| 2 | 4.050      | 0.055             | 0.036           | 0.034      | 0.069             |           | Set Trigger |
| 3 | 4.080      | 0.056             | 0.035           | 0.034      | 0.073             |           | Set Trigger |
| 4 | 4.077      | 0.056             | 0.034           | 0.034      | 0.072             |           | Set Trigger |
| 5 | 4.085      | 0.055             | 0.035           | 0.034      | 0.071             |           | Set Trigger |

Avg 4.07

## Trigger Profile [ lbs,inch ]

Profile SWS  
GunType: Rifle  
Make: Remington  
Note: R. Putch 9/25/07

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



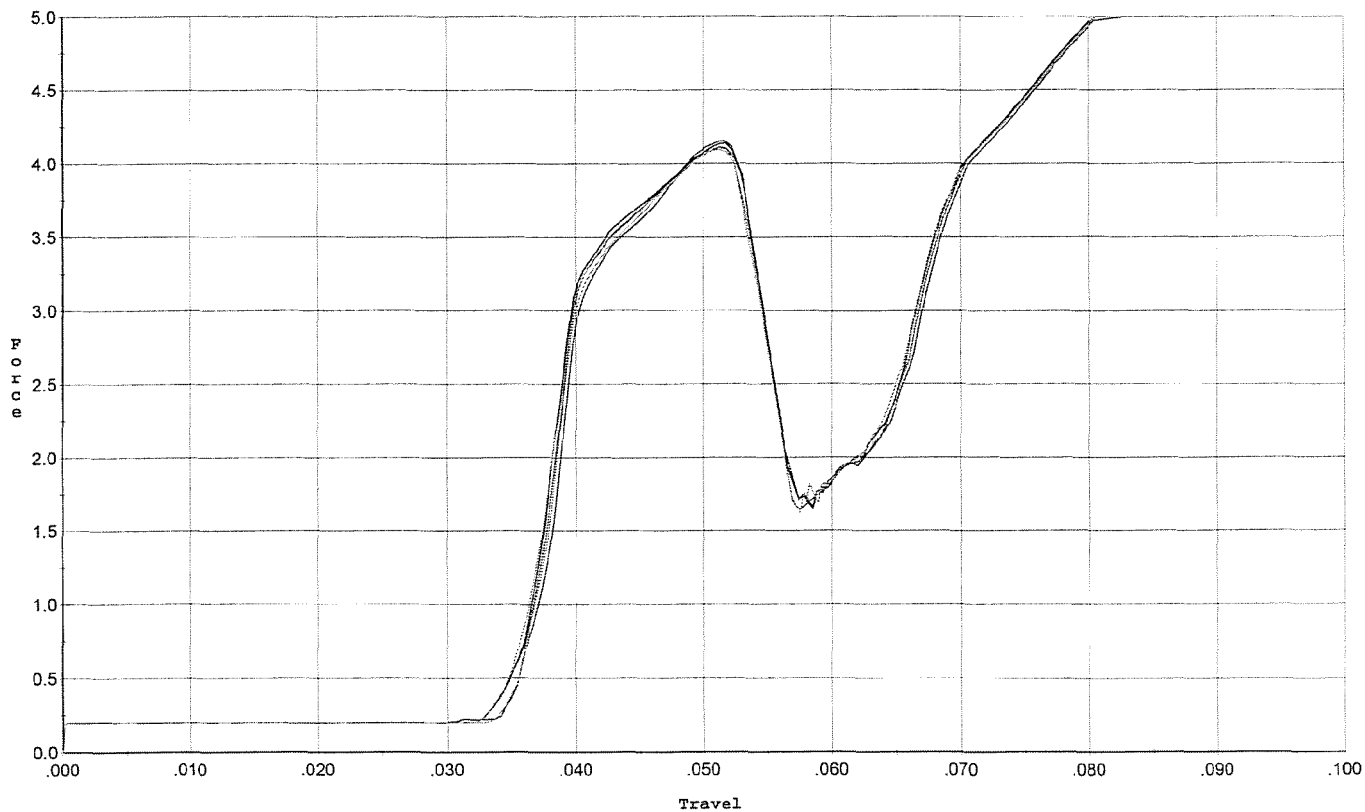
| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|------------|-------------------|-----------------|------------|-------------------|-----------|-------------|
| 1 | 2.581      | 0.052             | 0.035           | 0.037      | 0.043             |           | Set Trigger |
| 2 | 2.621      | 0.052             | 0.035           | 0.037      | 0.043             |           | Set Trigger |
| 3 | 2.558      | 0.052             | 0.034           | 0.037      | 0.043             |           | Set Trigger |
| 4 | 2.588      | 0.052             | 0.035           | 0.037      | 0.043             |           | Set Trigger |
| 5 | 2.588      | 0.052             | 0.035           | 0.037      | 0.044             |           | Set Trigger |

Avg 2.58

## Trigger Profile [ lbs,inch ]

Profile SWS  
 GunType: Rifle  
 Make: Remington  
 Note: R. Putch 9/25/07

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 | 4.155      | 0.053             | 0.035           | 0.034      | 0.068             |           | Set Trigger |
| 2 | 4.139      | 0.053             | 0.034           | 0.034      | 0.070             |           | Set Trigger |
| 3 | 4.109      | 0.054             | 0.034           | 0.034      | 0.070             |           | Set Trigger |
| 4 | 4.093      | 0.054             | 0.035           | 0.034      | 0.069             |           | Set Trigger |
| 5 | 4.112      | 0.054             | 0.034           | 0.034      | 0.070             |           | Set Trigger |

Avg 4.12

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

R & E NUMBER 133033

SERIAL NUMBER

~~66225171~~ 66590209 (New)

LOG-IN DATE

8-22-07

| OPERATION # | OPERATION NAME       | DATE                | INITIAL      |
|-------------|----------------------|---------------------|--------------|
| 500         | DIS-ASSEMBLE GUN     | 10-2-07             | RTZ          |
| 505         | RE-BARREL            | 10-3-07             | RTZ          |
| 560         | ASSEMBLE             | 10-3-07             | RTZ          |
| 600         | PROOF                | 10-4-07             | TRW          |
| 605         | CHECK HEADSPACE      | 10-4-07             | TRW          |
| 610         | DIS-ASSEMBLE GUN     | 10-5-07             | RTZ          |
| 612         | MAGNAFLUX            | 10/5/07             | mmk          |
| 510         | DRILL AND TAP        | 10-5-07             | FM           |
| 615         | ROLLMARK CALIBER     | 10-5-07             | CW           |
| 618         | ROTO-BLAST           | 10-8-07             | SL           |
| 620         | APPLY COATINGS       | 10/9/07             | BA           |
| 625         | FINAL ASSEMBLY       | 10-11-07            | RTZ          |
| 640         | FUNCTION TEST AND    | 10-13-07            | TRW          |
| 650         | TARGET               | 10-13-07            | TRW          |
|             | MALFUNCTION          | CORRECTION          |              |
|             | MALFUNCTION          | CORRECTION          |              |
|             | MALFUNCTION          | CORRECTION          |              |
|             | MALFUNCTION          | CORRECTION          |              |
| 670         | FINAL INSPECTION     | 10-13-07            | DK           |
|             | A) HEADSPACE         | 10-22-07            | RTZ          |
|             | B) TRIGGER PULL      | 10-22-07            | RTZ          |
|             |                      | 236 231 236 237 227 | 10/19/07 mmk |
| 680         | F) SAFETY ON FORCE   | 55 55 52            | 10-22-07 BA  |
|             | G) SAFETY OFF FORCE  | 32 32 32            | 10-22-07 BA  |
|             | I) FIRING PIN INDENT | .023 .023 .023      | 10-22-07 BA  |
| 690         | PACK                 |                     | 10-22-07 BA  |