

G686 3589  
Replaces  
G6535310

## 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: RE00172764

Serial: G6535310 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

New 8/10/2009 7:58:32 AM

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: USFPO FOR ARKANSAS BLDG 0318

USFPO FOR ARKANSAS BLDG 0318

Address 2: CAMP ROBINSON

PO Box:

CAMP ROBINSON

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72199

Country: US

State: AR

Zip Code: 72199

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   |
| A057 | Fr. Sgt Base | 1   |

Repair Search

Refresh

Close

neglet

8/17/2009

12:47 PM

CAPS

NUM

INS

SCL

start

1 Micros...

Amazon...

3 Micros...

Arms Serv...

Part Search...

NEW GUN...

Adobe Acr...

12:47 PM

G6863589

Serial Number: ~~G6535310~~

Model: M24 SWS



RE00172764

## INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R &amp; E NUMBER

SERIAL NUMBER

LOG-IN DATE

| OPERATION # | OPERATION NAME       | DATE                             | INITIAL |
|-------------|----------------------|----------------------------------|---------|
| 500         | DIS-ASSEMBLE GUN     | 9-1-09                           | RTZ     |
| 505         | RE-BARREL            | 9-4-09                           | RTZ     |
| 420         | ASSEMBLE             | 9-4-09                           | RTZ     |
| 440         | PROOF                | 9-4-09                           | SPD     |
| 460         | CHECK HEADSPACE      | 9-4-09                           | SPD     |
| 470         | DIS-ASSEMBLE GUN     | 9-4-09                           | SPD     |
| 480         | MAGNAFLUX            | 9/10/09                          | SP      |
| 510         | DRILL AND TAP        | 9-9-09                           | SP      |
| 500         | ROLLMARK CALIBER     | 9/10/09                          | SP      |
| 520         | GOFF BLAST BBL / REC | 9/10                             | SP      |
| 530 & 540   | APPLY COATINGS       | 9/16                             | L       |
| 560         | FINAL ASSEMBLY       | 9-21-09                          | RTZ     |
| 640         | FUNCTION TEST AND    | 9-22-09                          | SPD     |
| 650         | TARGET               | 9-22-09                          | SPD     |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
|             | MALFUNCTION          | CORRECTION                       |         |
| 670         | FINAL INSPECTION     | 9-22-09                          | RP      |
|             | A) HEADSPACE         | 9-24-09                          | TC      |
|             | B) TRIGGER PULL      | 9-24-09                          | TC      |
|             |                      | 2.51 2.47 2.59 2.63 2.62 9-24-09 | TC      |
| 680         | F) SAFETY ON FORCE   | 9-24-09                          | TC      |
|             | G) SAFETY OFF FORCE  | 9-24-09                          | TC      |
|             | I) FIRING PIN INDENT | 9-24-09                          | TC      |
| 690         | PACK                 | 9/24/09                          | TC      |

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6863589.\_\_0  
FILE DATE AND TIME: 09/23/2009 07:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.012 |
| The Average Y Centroid of the Five Target Set:              | 0.106  |
| The Average Point of Impact of the Five Target Set:         | 0.107  |
| The Average Mean Radius of the Five Target Set:             | 0.704  |
| The Distance from POA to Centroid Target #1:                | 0.104  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.426  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.059  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.119  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.106  |

SERIAL NUMBER: G6863589. \_\_0

TARGET NUMBER: 1

FILE DATE: 09/23/2009

FILE TIME: 07:47

X CENTROID: 0.095

Y CENTROID: 0.041

POA TO CENTROID: 0.104

HORZ SPREAD: 1.386

VERT SPREAD: 1.611

GROUP SPREAD: 1.831

MIN RADIUS: 0.185

MAX RADIUS: 1.095

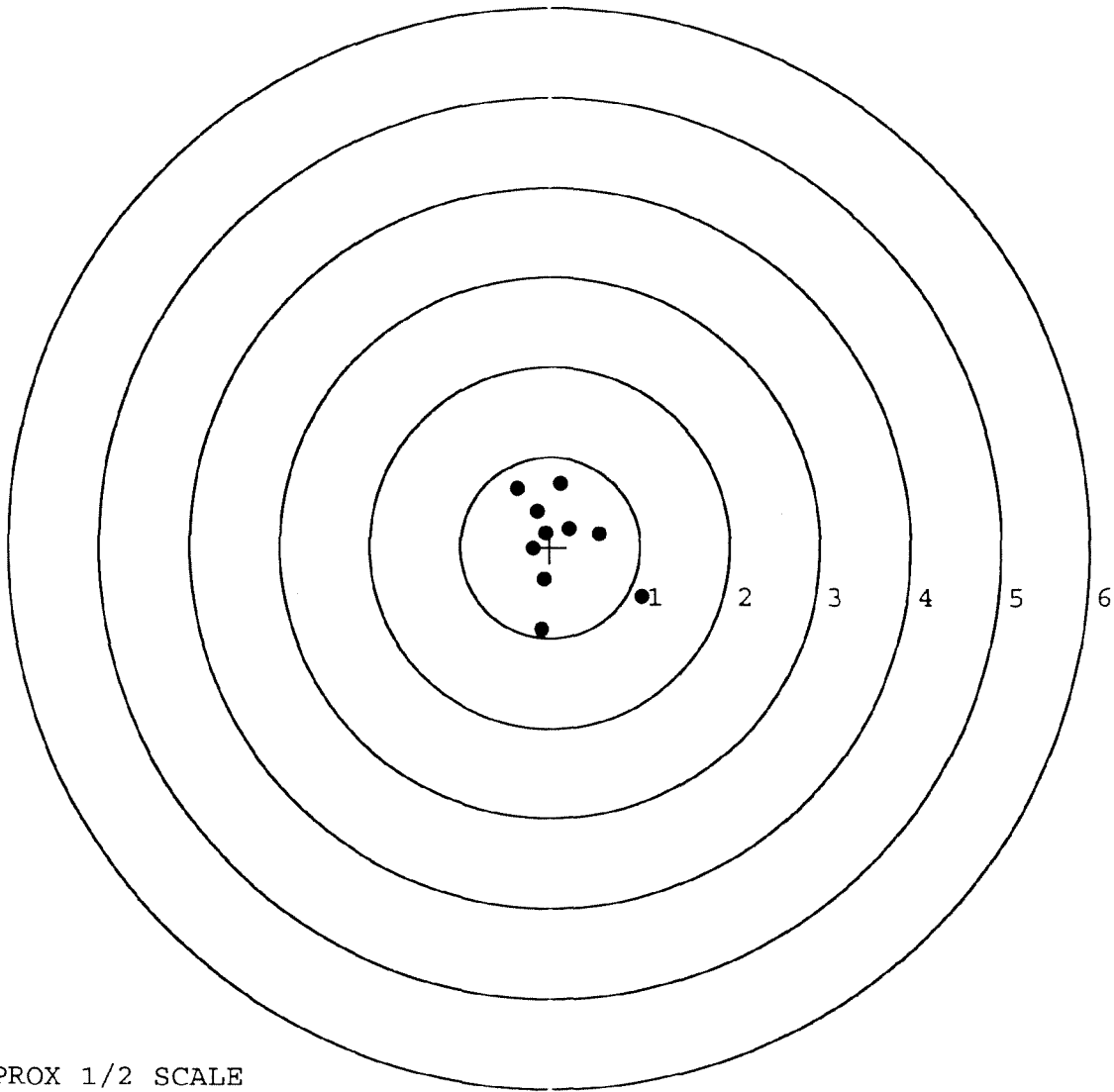
MEAN RADIUS: 0.550

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.018  | -0.549 |
| 2:     | -0.100 | -0.910 |
| 3:     | -0.070 | -0.366 |
| 4:     | 0.543  | 0.152  |
| 5:     | 0.115  | 0.701  |
| 6:     | -0.368 | 0.647  |
| 7:     | -0.151 | 0.395  |
| 8:     | 0.208  | 0.203  |
| 9:     | -0.049 | 0.156  |
| 10:    | -0.192 | -0.018 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863589. 0

TARGET NUMBER: 2

FILE DATE: 09/23/2009

FILE TIME: 07:47

X CENTROID: -0.224

Y CENTROID: 0.323

POA TO CENTROID: 0.394

HORZ SPREAD: 1.654

VERT SPREAD: 2.997

GROUP SPREAD: 3.005

MIN RADIUS: 0.343

MAX RADIUS: 1.701

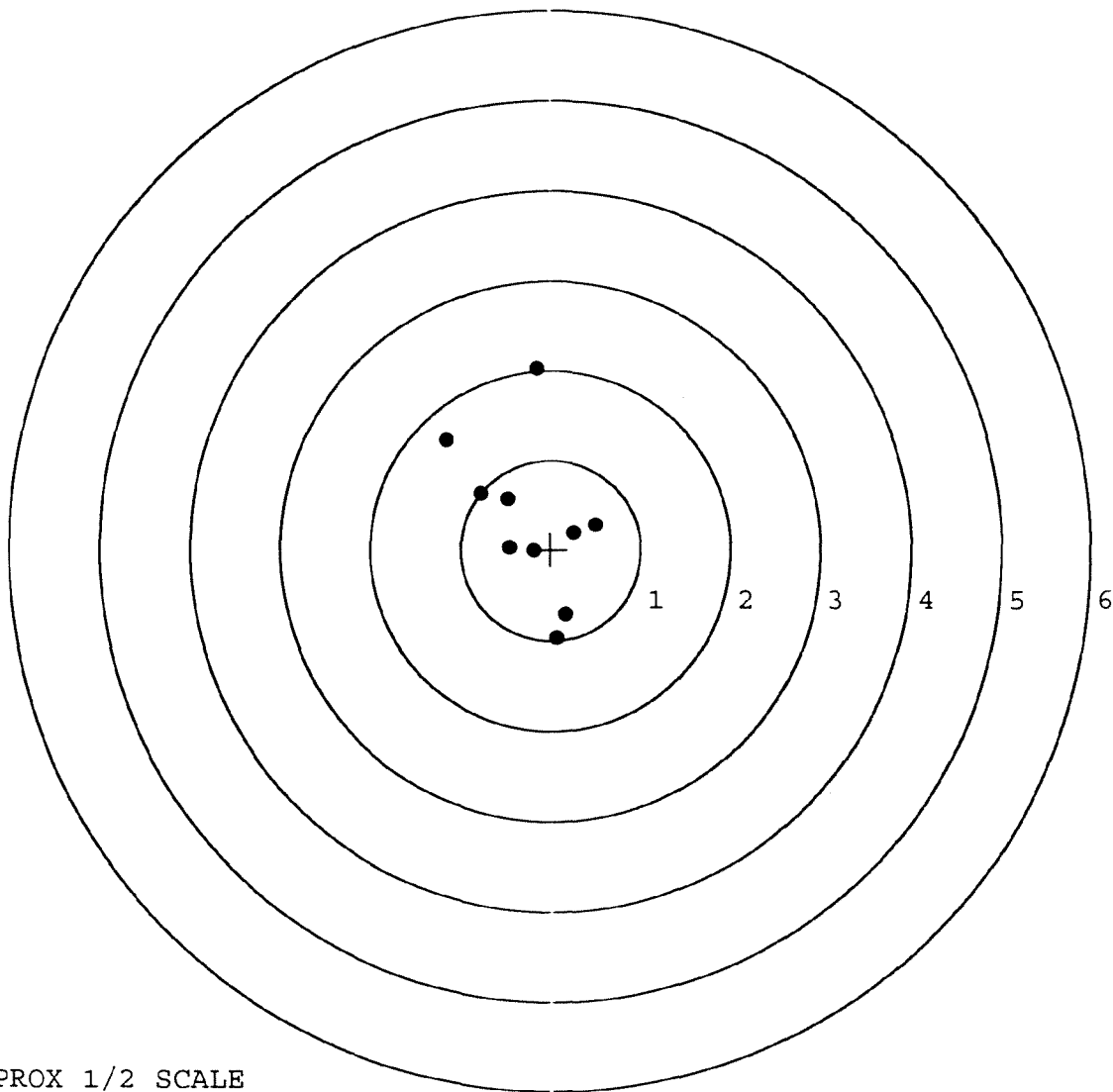
MEAN RADIUS: 0.836

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.157 | 2.023  |
| 2:     | -1.158 | 1.223  |
| 3:     | -0.774 | 0.632  |
| 4:     | -0.476 | 0.569  |
| 5:     | -0.460 | 0.024  |
| 6:     | -0.190 | -0.018 |
| 7:     | 0.496  | 0.279  |
| 8:     | 0.252  | 0.192  |
| 9:     | 0.160  | -0.716 |
| 10:    | 0.065  | -0.974 |

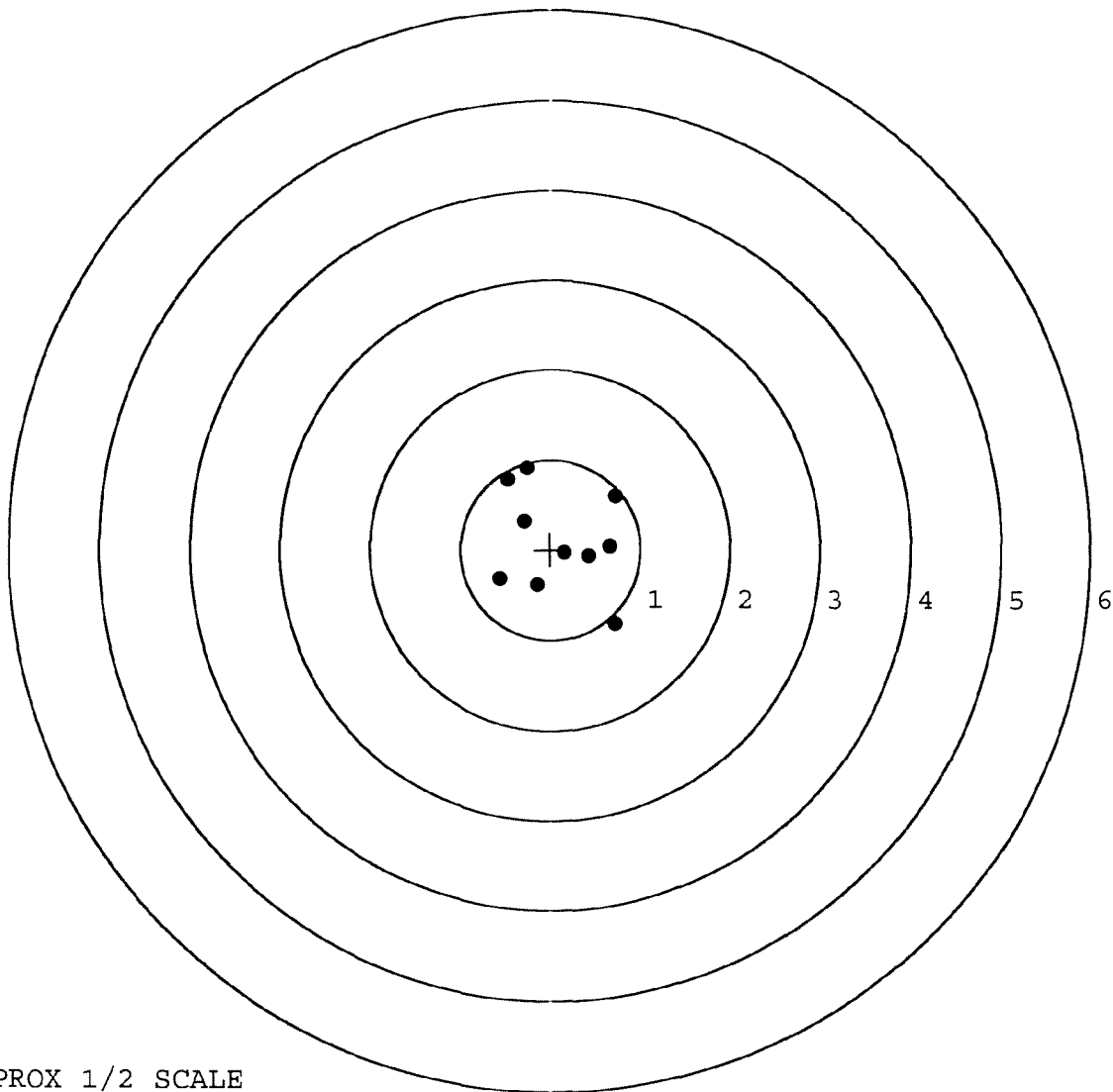


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863589. 0  
 TARGET NUMBER: 3  
 FILE DATE: 09/23/2009  
 FILE TIME: 07:47

X CENTROID: 0.094  
 Y CENTROID: 0.100  
 POA TO CENTROID: 0.137  
 HORZ SPREAD: 1.287  
 VERT SPREAD: 1.735  
 GROUP SPREAD: 2.000  
 MIN RADIUS: 0.153  
 MAX RADIUS: 1.112  
 MEAN RADIUS: 0.658  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.266 | 0.913  |
| 2:     | -0.479 | 0.783  |
| 3:     | -0.296 | 0.316  |
| 4:     | -0.564 | -0.325 |
| 5:     | 0.715  | -0.822 |
| 6:     | -0.148 | -0.396 |
| 7:     | 0.160  | -0.037 |
| 8:     | 0.429  | -0.071 |
| 9:     | 0.664  | 0.043  |
| 10:    | 0.723  | 0.600  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863589. \_\_0

TARGET NUMBER: 4

FILE DATE: 09/23/2009

FILE TIME: 07:47

X CENTROID: -0.019

Y CENTROID: 0.006

POA TO CENTROID: 0.020

HORZ SPREAD: 1.729

VERT SPREAD: 1.735

GROUP SPREAD: 2.042

MIN RADIUS: 0.274

MAX RADIUS: 1.175

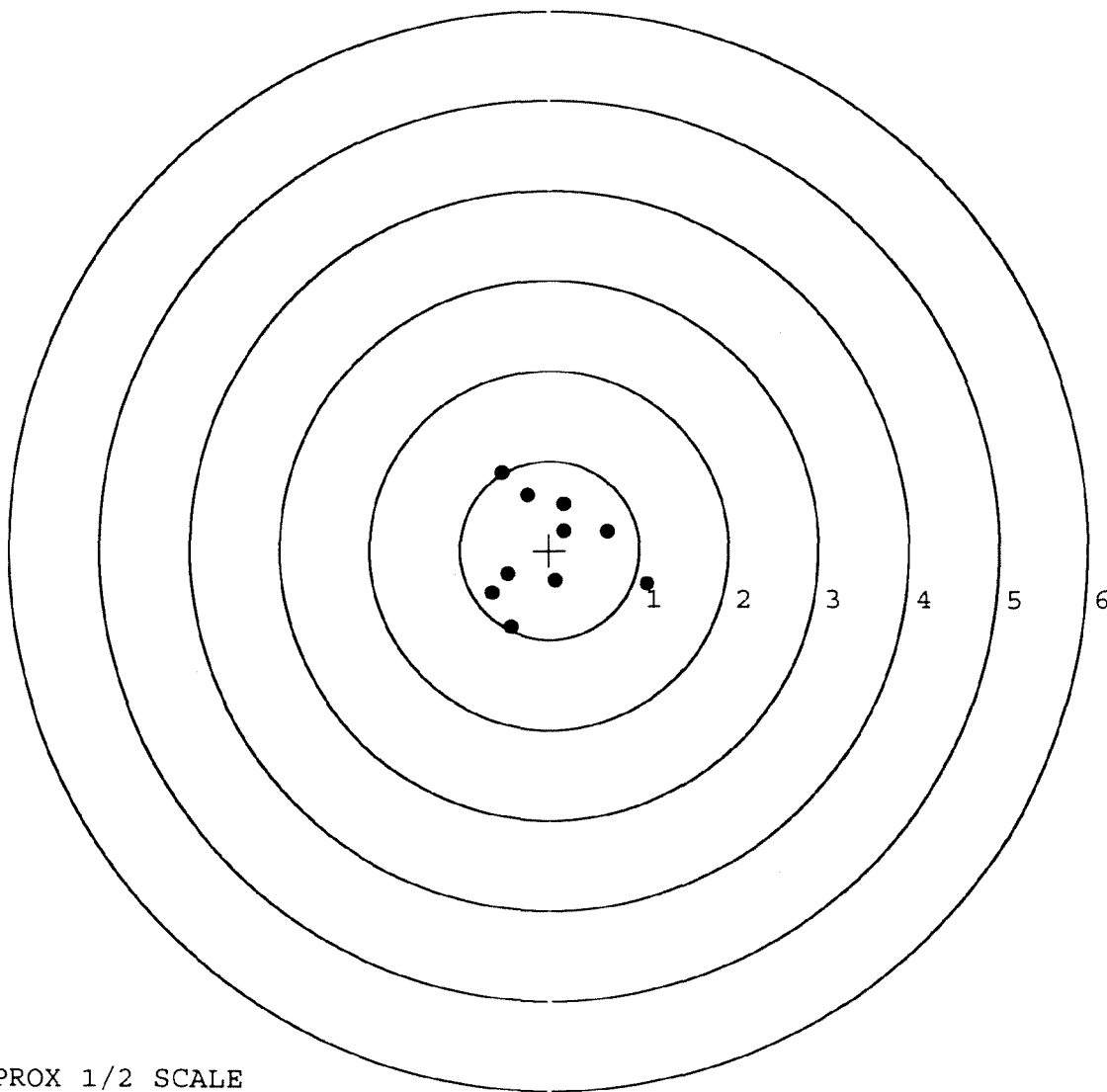
MEAN RADIUS: 0.699

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.527 | 0.862  |
| 2:     | -0.249 | 0.619  |
| 3:     | 0.159  | 0.516  |
| 4:     | 0.159  | 0.215  |
| 5:     | 0.642  | 0.213  |
| 6:     | 1.090  | -0.385 |
| 7:     | 0.073  | -0.343 |
| 8:     | -0.429 | -0.873 |
| 9:     | -0.639 | -0.487 |
| 10:    | -0.465 | -0.278 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863589. 0

TARGET NUMBER: 5

FILE DATE: 09/23/2009

FILE TIME: 07:47

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.967 | 1.068  |
| 2:     | 0.534  | 1.129  |
| 3:     | 0.988  | -1.040 |
| 4:     | -0.810 | -0.954 |
| 5:     | -0.289 | -0.447 |
| 6:     | -0.074 | -0.196 |
| 7:     | -0.222 | 0.099  |
| 8:     | -0.041 | 0.536  |
| 9:     | 0.208  | 0.183  |
| 10:    | 0.588  | 0.227  |

X CENTROID: -0.008

Y CENTROID: 0.060

POA TO CENTROID: 0.061

HORZ SPREAD: 1.955

VERT SPREAD: 2.169

GROUP SPREAD: 2.875

MIN RADIUS: 0.217

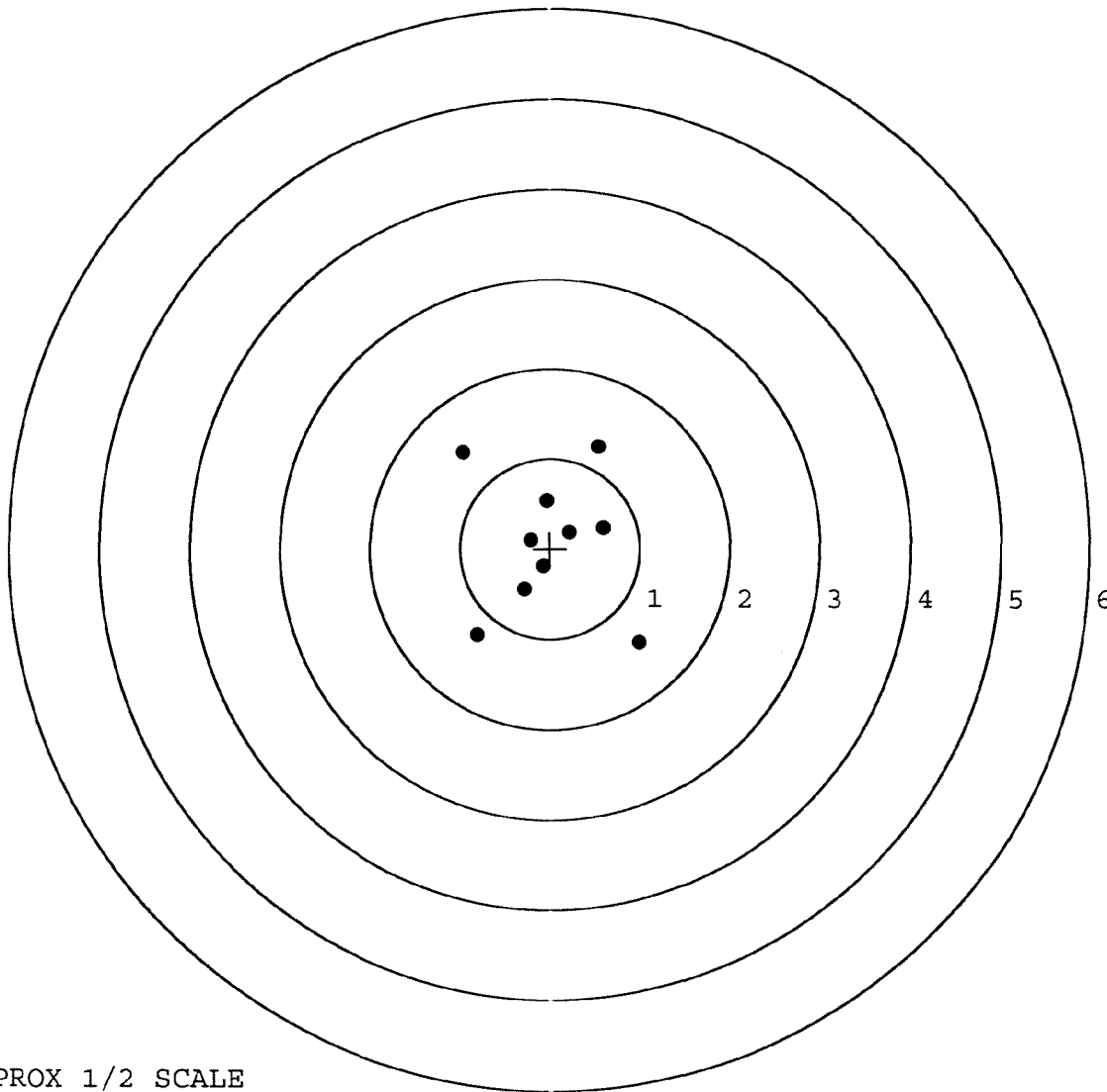
MAX RADIUS: 1.485

MEAN RADIUS: 0.777

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

## 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: RE00109528

Serial: C6587744 Model: M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Status:

Closed 3/7/2006 9:49:41 AM

Verify Repair

## Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: TRANSPORTATION OFFICER TRANSPORTATION OFFICER

Address 1: USPFO FOR ARKANSAS BLDG 318 USPFO FOR ARKANSAS BLDG 318

Address 2: CAMP JOSEPH T ROBINSON PO Box: CAMP JOSEPH T ROBINSON PO Box:

City: NORTH LITTLE ROCK NORTH LITTLE ROCK

State: AR Zip Code: 72199 Country: US State: AR Zip Code: 72199 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   |
| A017 | Scope Base            | 1   |
| A057 | Frt and Rear Sgt Base | 1   |

## Repair Search

Refresh

Close

naglel

3/7/2006

10:00 AM

CAPS

NUM

INS

SCRL

start

3 Micr...

Part Se...

Arms S...

3 Micr...

4 Int...

Adobe ...

10:00 AM

5310  
G653 ~~5403~~ (New)  
C6587744  
Model: M24 SWS  
RE00109528

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535310.\_\_\_0  
FILE DATE AND TIME: 03/22/2006 16:02

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.014  |
| The Average Y Centroid of the Five Target Set:              | -0.066 |
| The Average Point of Impact of the Five Target Set:         | 0.068  |
| The Average Mean Radius of the Five Target Set:             | 0.743  |
| The Distance from POA to Centroid Target #1:                | 0.169  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.509  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.239  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.051  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.047  |

SERIAL NUMBER: G6535310. \_\_ 0

TARGET NUMBER: 1

FILE DATE: 03/22/2006

FILE TIME: 16:02

X CENTROID: 0.084

Y CENTROID: -0.147

POA TO CENTROID: 0.169

HORZ SPREAD: 1.953

VERT SPREAD: 0.937

GROUP SPREAD: 1.971

MIN RADIUS: 0.206

MAX RADIUS: 1.071

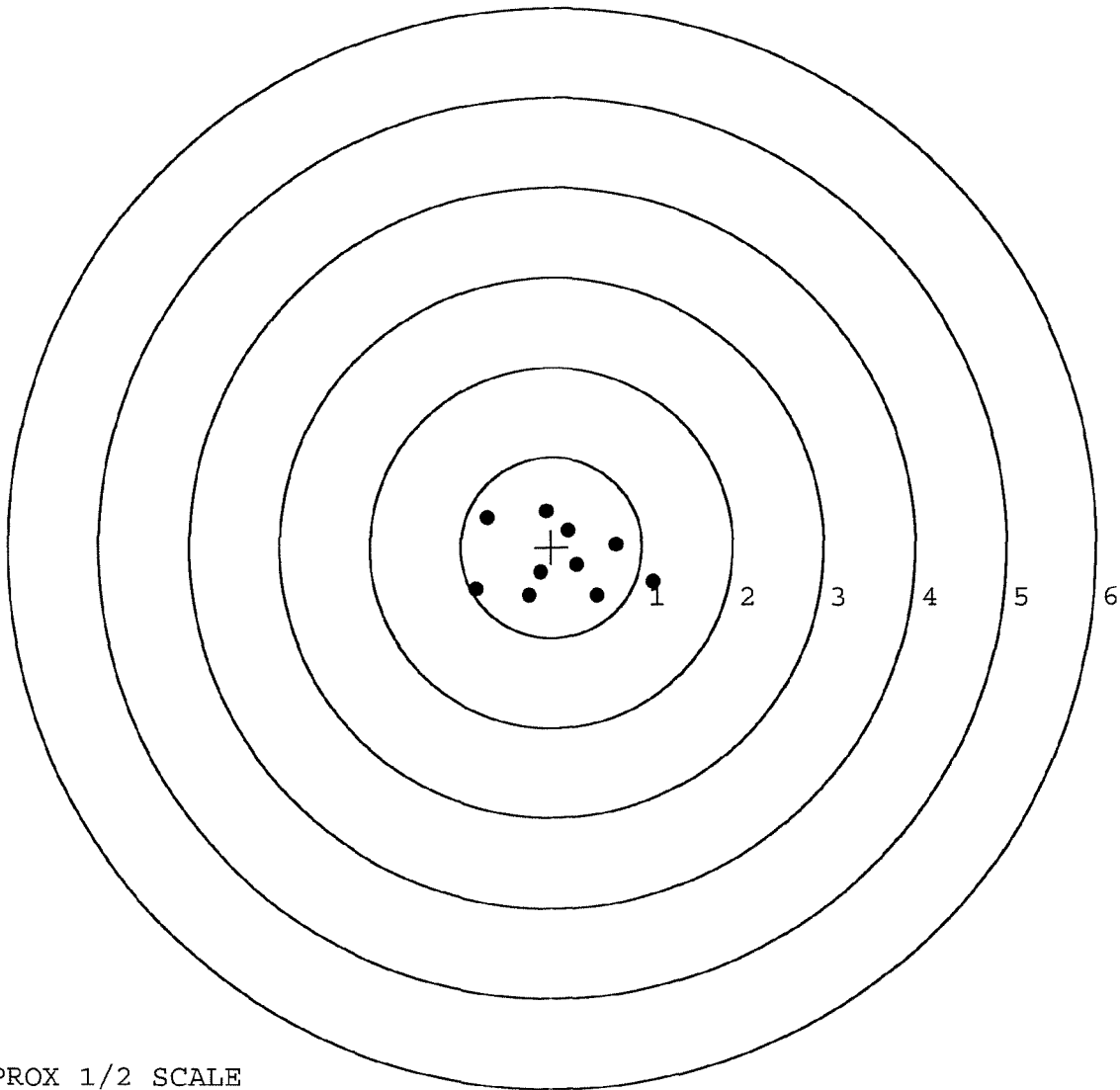
MEAN RADIUS: 0.606

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.121 | -0.282 |
| 2:     | -0.247 | -0.534 |
| 3:     | 0.284  | -0.197 |
| 4:     | 0.506  | -0.537 |
| 5:     | -0.709 | 0.327  |
| 6:     | -0.827 | -0.464 |
| 7:     | -0.065 | 0.400  |
| 8:     | 0.180  | 0.181  |
| 9:     | 0.714  | 0.028  |
| 10:    | 1.126  | -0.393 |

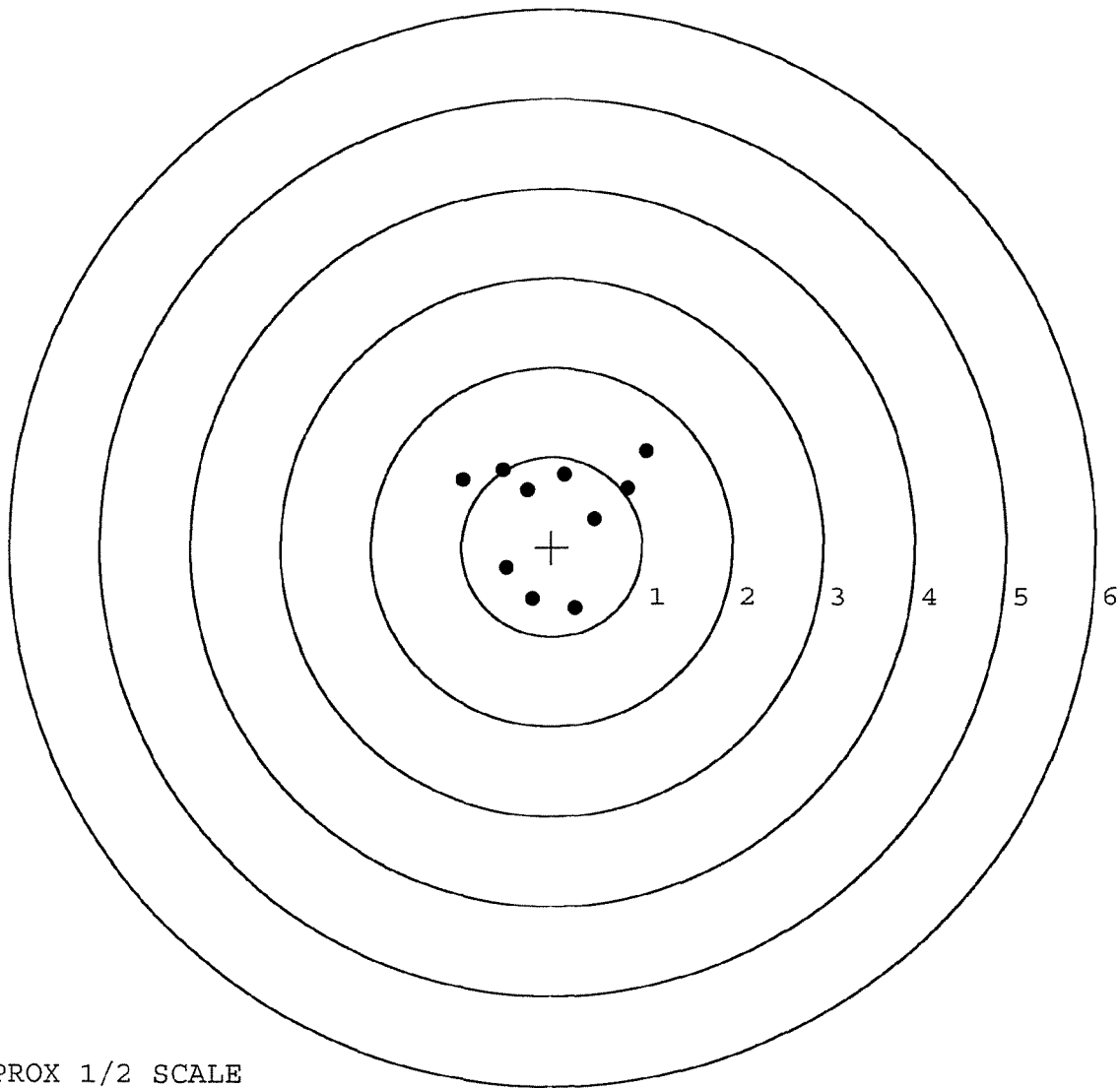


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535310. 0  
 TARGET NUMBER: 2  
 FILE DATE: 03/22/2006  
 FILE TIME: 16:02

X CENTROID: 0.021  
 Y CENTROID: 0.357  
 POA TO CENTROID: 0.358  
 HORZ SPREAD: 2.028  
 VERT SPREAD: 1.750  
 GROUP SPREAD: 2.075  
 MIN RADIUS: 0.410  
 MAX RADIUS: 1.242  
 MEAN RADIUS: 0.810  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.505 | -0.233 |
| 2:     | -0.219 | -0.583 |
| 3:     | 0.259  | -0.686 |
| 4:     | 0.472  | 0.314  |
| 5:     | 0.837  | 0.658  |
| 6:     | 1.043  | 1.064  |
| 7:     | -0.546 | 0.856  |
| 8:     | -0.985 | 0.744  |
| 9:     | -0.279 | 0.637  |
| 10:    | 0.134  | 0.804  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535310. 0

TARGET NUMBER: 3

FILE DATE: 03/22/2006

FILE TIME: 16:02

X CENTROID: -0.148

Y CENTROID: -0.203

POA TO CENTROID: 0.251

HORZ SPREAD: 2.549

VERT SPREAD: 2.035

GROUP SPREAD: 2.575

MIN RADIUS: 0.127

MAX RADIUS: 1.425

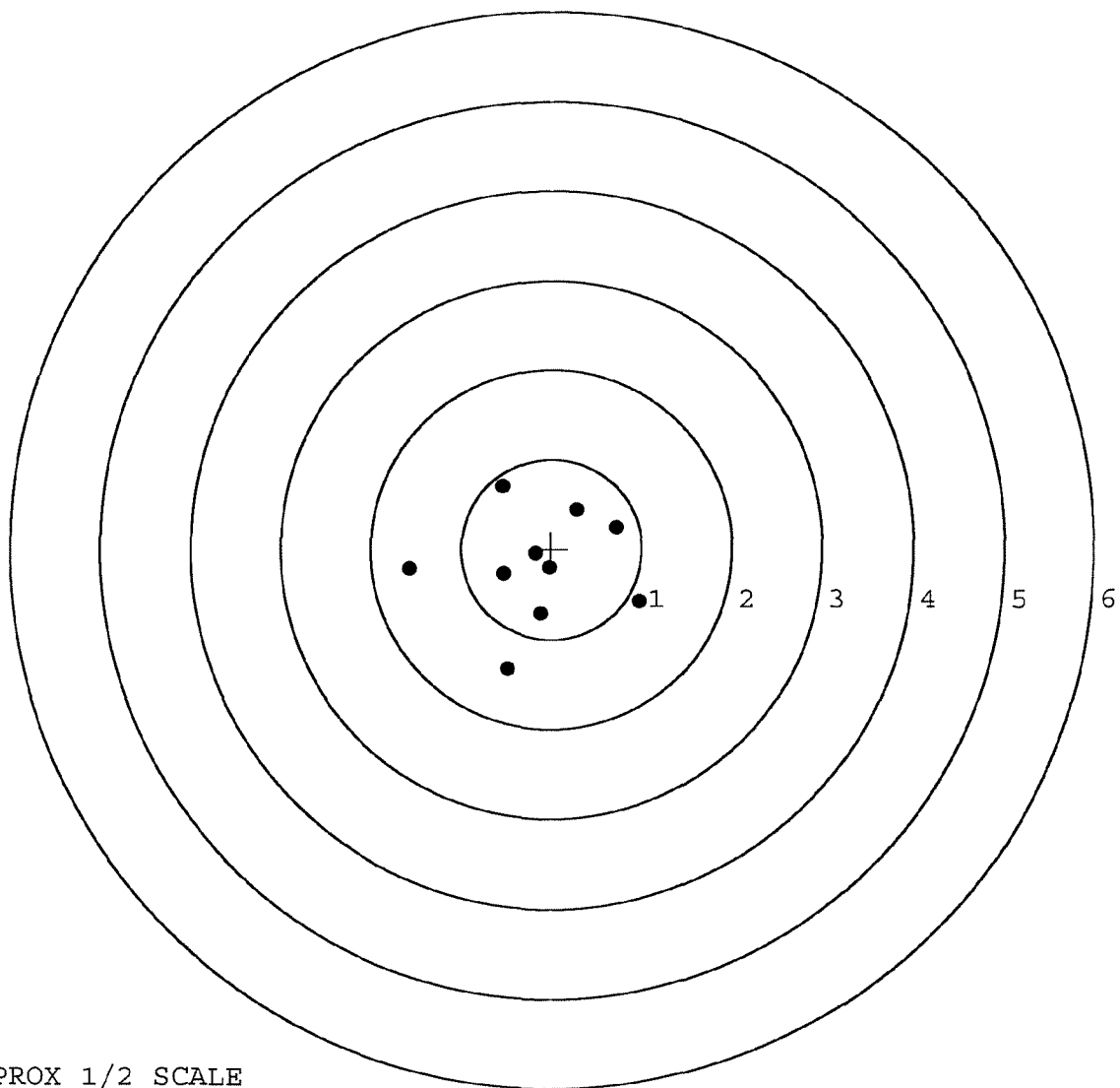
MEAN RADIUS: 0.771

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.175 | -0.048 |
| 2:     | -0.021 | -0.210 |
| 3:     | -0.531 | -0.275 |
| 4:     | -0.120 | -0.715 |
| 5:     | -0.490 | -1.338 |
| 6:     | -1.573 | -0.222 |
| 7:     | -0.543 | 0.697  |
| 8:     | 0.278  | 0.436  |
| 9:     | 0.720  | 0.234  |
| 10:    | 0.976  | -0.586 |

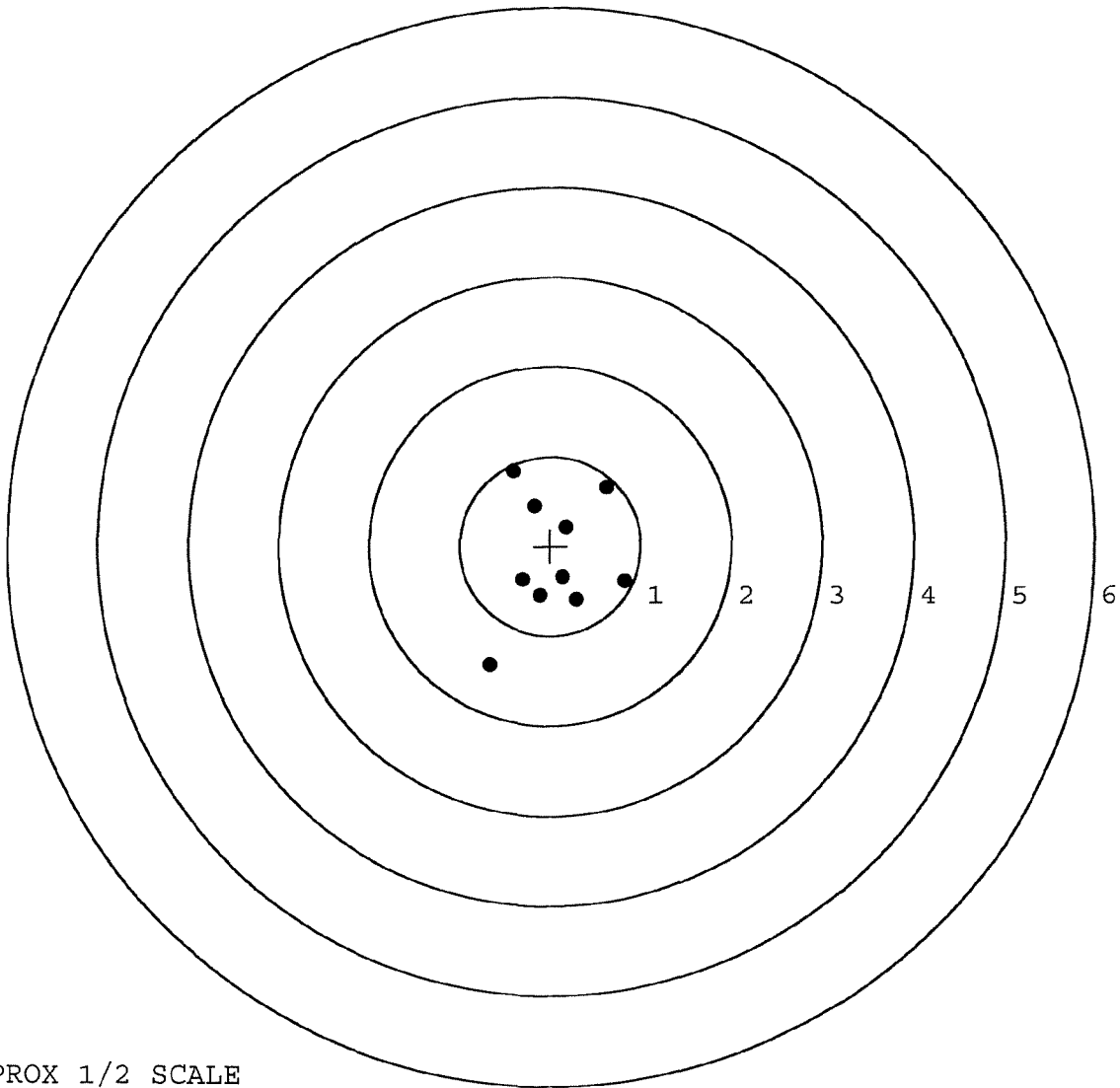


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535310. 0  
 TARGET NUMBER: 4  
 FILE DATE: 03/22/2006  
 FILE TIME: 16:02

X CENTROID: 0.033  
 Y CENTROID: -0.145  
 POA TO CENTROID: 0.149  
 HORZ SPREAD: 1.491  
 VERT SPREAD: 2.167  
 GROUP SPREAD: 2.365  
 MIN RADIUS: 0.226  
 MAX RADIUS: 1.375  
 MEAN RADIUS: 0.689  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.417 | 0.839  |
| 2:     | -0.181 | 0.449  |
| 3:     | 0.167  | 0.209  |
| 4:     | 0.824  | -0.398 |
| 5:     | 0.616  | 0.659  |
| 6:     | -0.667 | -1.328 |
| 7:     | -0.313 | -0.374 |
| 8:     | -0.120 | -0.556 |
| 9:     | 0.135  | -0.347 |
| 10:    | 0.290  | -0.603 |

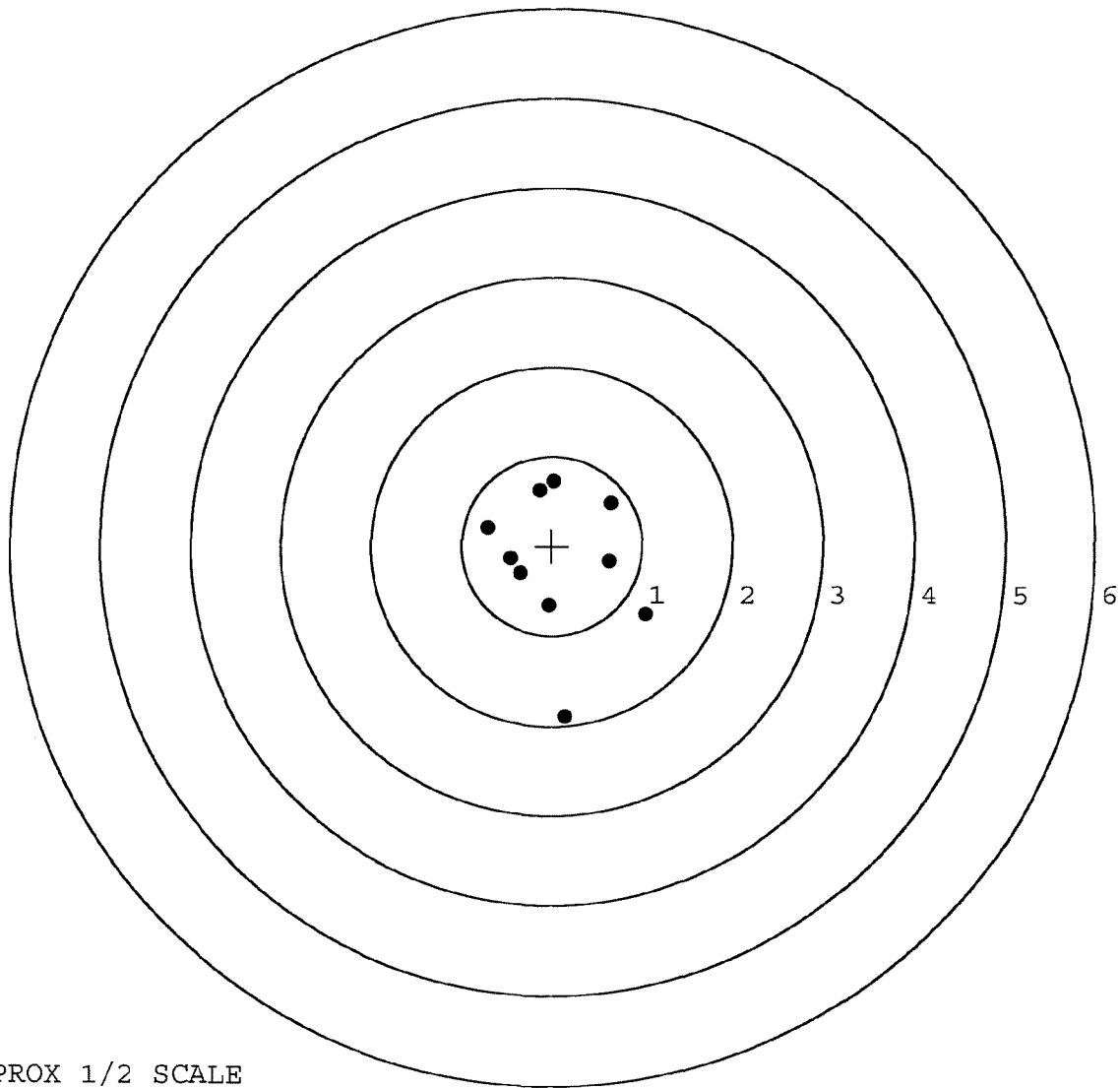


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535310. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 03/22/2006  
 FILE TIME: 16:02

X CENTROID: 0.079  
 Y CENTROID: -0.194  
 POA TO CENTROID: 0.210  
 HORZ SPREAD: 1.744  
 VERT SPREAD: 2.626  
 GROUP SPREAD: 2.629  
 MIN RADIUS: 0.443  
 MAX RADIUS: 1.707  
 MEAN RADIUS: 0.839  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.143 | 0.622  |
| 2:     | 0.015  | 0.726  |
| 3:     | 0.651  | 0.477  |
| 4:     | 0.639  | -0.180 |
| 5:     | 1.037  | -0.767 |
| 6:     | 0.148  | -1.900 |
| 7:     | -0.040 | -0.669 |
| 8:     | -0.349 | -0.307 |
| 9:     | -0.459 | -0.145 |
| 10:    | -0.707 | 0.203  |



TARGET APPROX 1/2 SCALE

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

|                     |                                    |                     |
|---------------------|------------------------------------|---------------------|
| R & E NUMBER        | 109528                             | 5310                |
| SERIAL NUMBER       | <del>C6587744</del> C6535403 (New) |                     |
| LOG-IN DATE         | 3-7-06                             |                     |
| INSPECT AND VERIFY: |                                    |                     |
| OPERATION #         | OPERATION NAME                     | DATE INITI          |
| 550                 | DIS-ASSEMBLE GUN                   | 3-9-06 RTZ          |
| 560 A               | RE-BARREL                          | 3-9-06 RTZ          |
| B                   | DRILL AND TAP                      | 3-17-06 TRW         |
| 575                 | ASSEMBLE                           | 3-9-06 RTZ          |
| 600                 | PROOF                              | 3-15-06 mJm         |
| 605                 | CHECK HEADSPACE                    | 3-15-06 mJm         |
| 610                 | DIS-ASSEMBLE GUN                   | 3-17-06 RTZ         |
| 612                 | MAGNA-FLUX                         | 3-20-06 APO         |
| 615                 | ROLLMARK CALIBER                   | 3-20-06 CW          |
| 618                 | ROTO-BLAST                         | 3-20-06 LB          |
| 620                 | APPLY COATINGS                     | 3-21-06 PB          |
| 625 A               | FINAL ASSEMBLY                     | 3-22-06 RTZ         |
| B                   | TRIGGER PULL TEST                  | 3-23-06 AC          |
| C                   | SAFETY "ON" FORCE                  | 3-23-06 AC          |
| D                   | SAFETY "OFF" FORCE                 | 3-23-06 AC          |
| E                   | FIRING PIN INDENT                  | 3-23-06 AC          |
| 640                 | TARGET                             | 3-23-06 LPA         |
| 655                 | FINAL INSPECT                      | 3-23-06 AC          |
| 660                 | PACK                               | 4-6-06 OA           |
|                     |                                    | SHIP DATE           |
|                     |                                    | QAR INSPECTION DATE |

# Repair Inquiry

Repair Number: **RE00068094**

Serial: C6587744 Model 700 Center Fire Caliber: 7  
62 NATO M/24 SWS

Repairman:

Verify Repair

Status:

Closed 7/28/2003 11:16:08 AM

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **USPFO FOR ARK**

**USPFO FOR ARK**

Address 1: **CAMP J T ROBINSON**

**CAMP J T ROBINSON**

Address 2: PO Box:

PO Box:

City: **NORTH LITTLE ROCK**

**NORTH LITTLE ROCK**

State: **AR** Zip Code: **72119**

Country: **US**

State: **AR** Zip Code: **72119**

Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition  
Notes:

CSR  
Notes:

Accessories Received

| Code | Desc              | Qty |
|------|-------------------|-----|
| A007 | With Stud         | 3   |
| A017 | Scope Base        | 1   |
| C000 | FRONT AND REAR B. | 1   |

Repair Search

Refresh

Close

naglelj

7/28/2003

12:47 PM

CAPS

NUM

INS

SCRL

start

6:00 AM

4:00 PM

Arms Ser...

Exit

Malfunction

2:00 PM

Part Ser...

12:47 PM

Serial Number: **C6587744**

Model: **700**



**RE00068094**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587744.\_\_\_0  
FILE DATE AND TIME: 08/20/2003 06:34

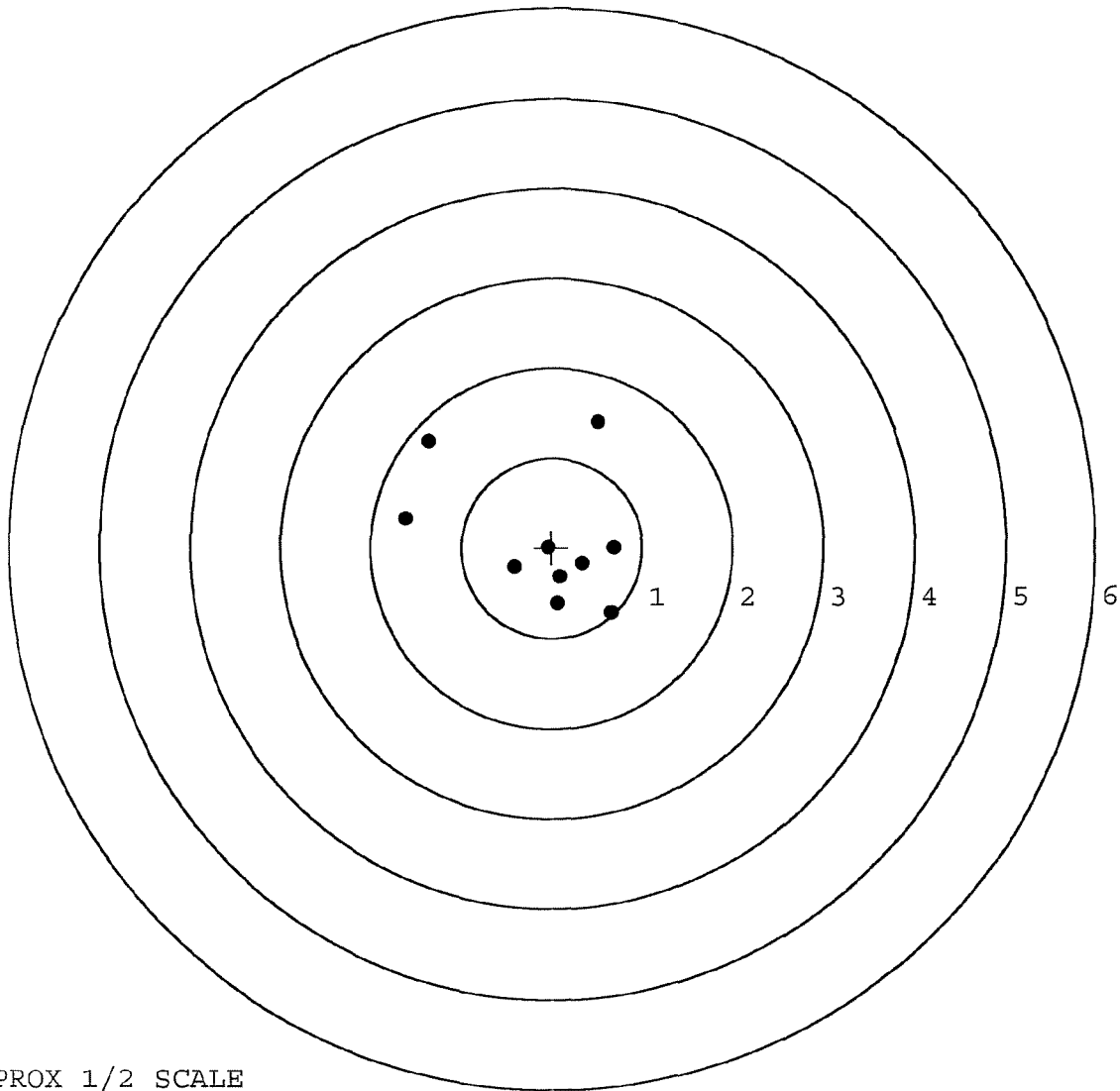
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.127 |
| The Average Y Centroid of the Five Target Set:              | 0.036  |
| The Average Point of Impact of the Five Target Set:         | 0.132  |
| The Average Mean Radius of the Five Target Set:             | 0.735  |
| The Distance from POA to Centroid Target #1:                | 0.138  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.051  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.170  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.207  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.056  |

SERIAL NUMBER: C6587744. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 08/20/2003  
 FILE TIME: 06:34

X CENTROID: -0.108  
 Y CENTROID: 0.085  
 POA TO CENTROID: 0.138  
 HORZ SPREAD: 2.312  
 VERT SPREAD: 2.130  
 GROUP SPREAD: 2.779  
 MIN RADIUS: 0.111  
 MAX RADIUS: 1.668  
 MEAN RADIUS: 0.883  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.657  | -0.724 |
| 2:     | 0.693  | -0.001 |
| 3:     | 0.510  | 1.406  |
| 4:     | -1.357 | 1.191  |
| 5:     | -1.619 | 0.333  |
| 6:     | -0.418 | -0.218 |
| 7:     | -0.042 | -0.003 |
| 8:     | 0.064  | -0.622 |
| 9:     | 0.093  | -0.332 |
| 10:    | 0.336  | -0.175 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587744. 0

TARGET NUMBER: 2

FILE DATE: 08/20/2003

FILE TIME: 06:34

X CENTROID: -0.062

Y CENTROID: 0.064

POA TO CENTROID: 0.089

HORZ SPREAD: 2.188

VERT SPREAD: 1.553

GROUP SPREAD: 2.455

MIN RADIUS: 0.427

MAX RADIUS: 1.565

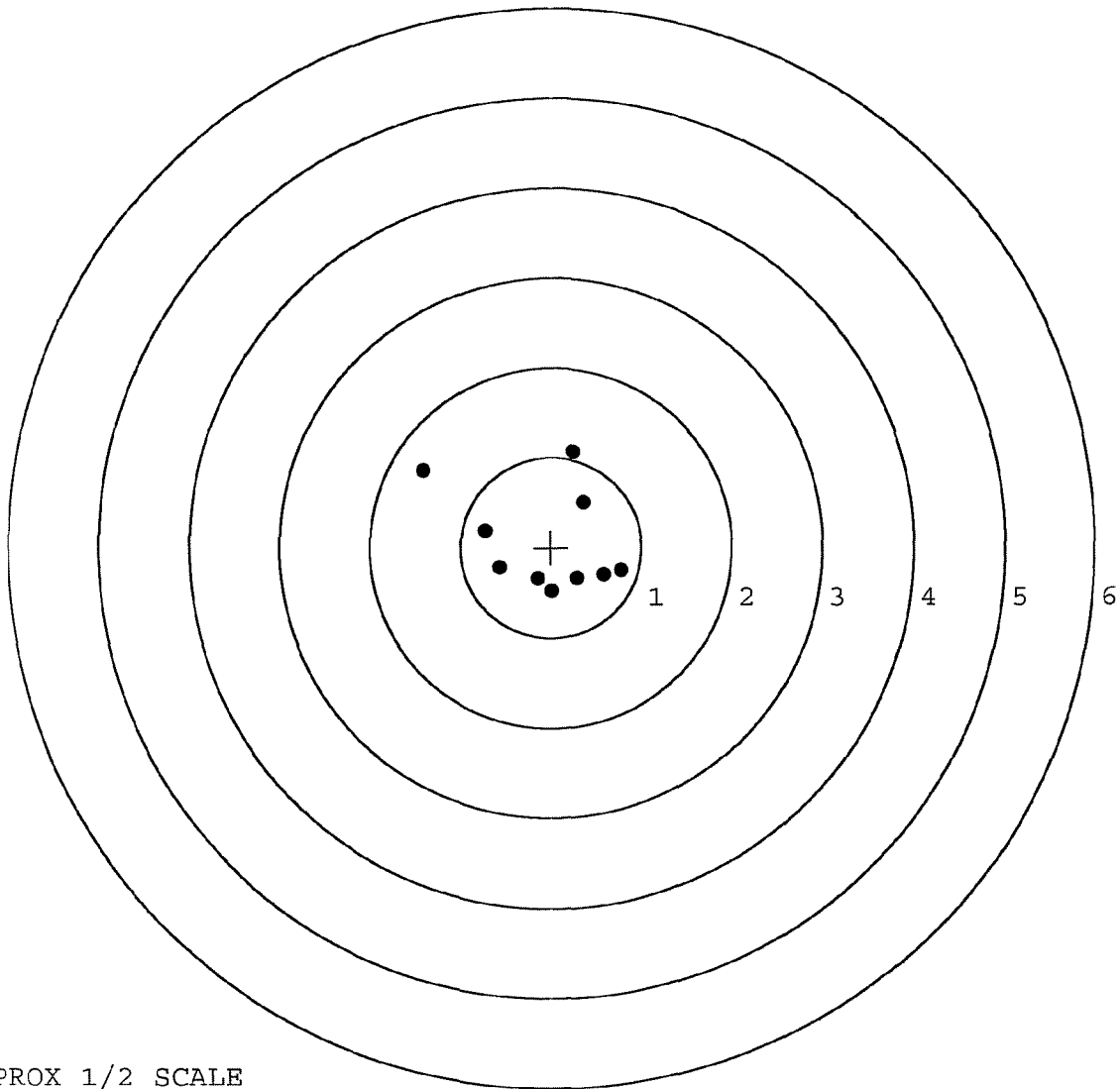
MEAN RADIUS: 0.764

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.731 | 0.189  |
| 2:     | -1.412 | 0.856  |
| 3:     | 0.354  | 0.505  |
| 4:     | 0.244  | 1.062  |
| 5:     | -0.572 | -0.223 |
| 6:     | -0.153 | -0.353 |
| 7:     | 0.009  | -0.491 |
| 8:     | 0.288  | -0.341 |
| 9:     | 0.776  | -0.258 |
| 10:    | 0.581  | -0.301 |

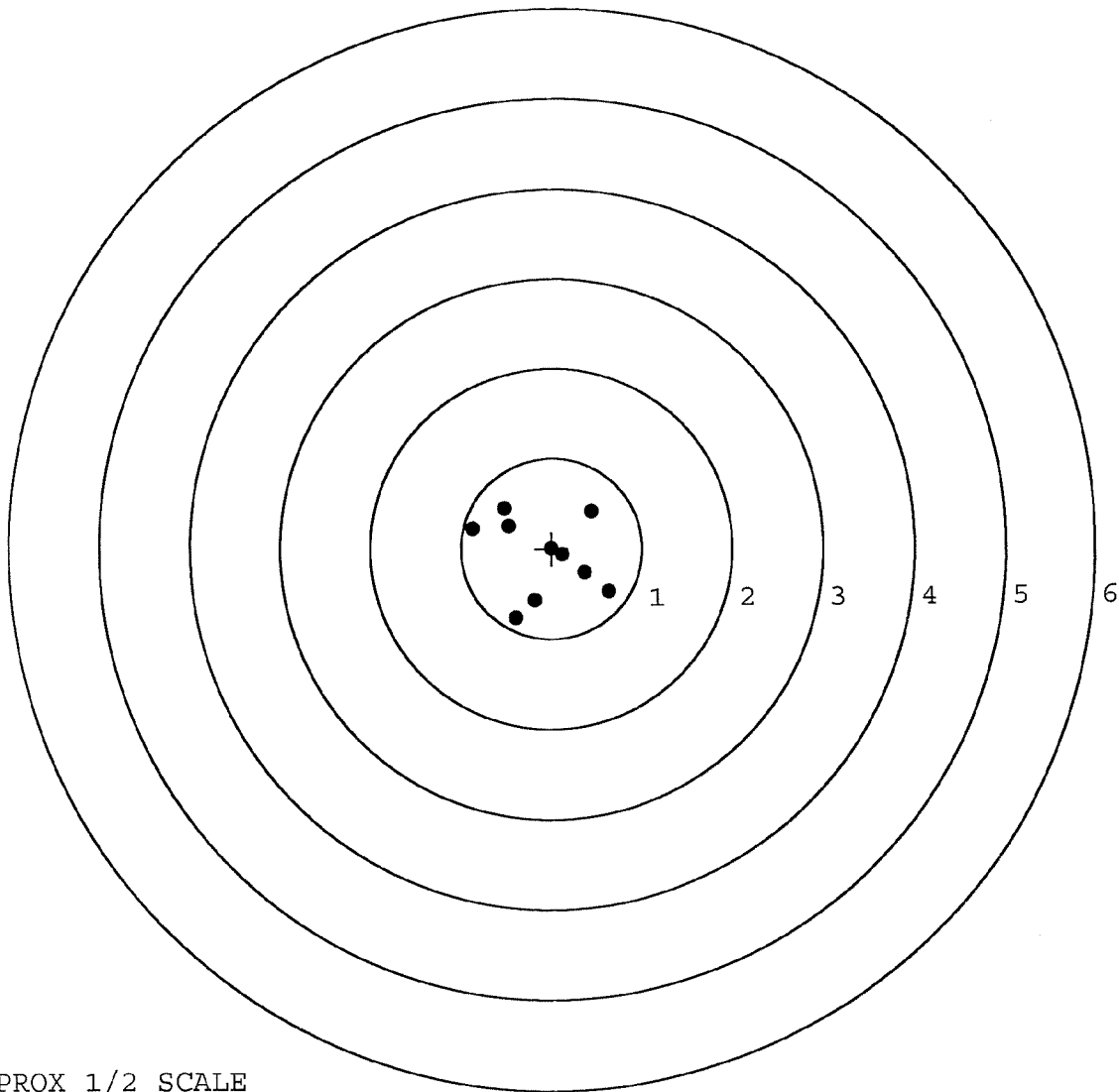


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587744. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 08/20/2003  
 FILE TIME: 06:34

X CENTROID: -0.091  
 Y CENTROID: -0.083  
 POA TO CENTROID: 0.124  
 HORZ SPREAD: 1.501  
 VERT SPREAD: 1.219  
 GROUP SPREAD: 1.660  
 MIN RADIUS: 0.117  
 MAX RADIUS: 0.837  
 MEAN RADIUS: 0.567  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.633  | -0.482 |
| 2:     | 0.365  | -0.273 |
| 3:     | -0.194 | -0.580 |
| 4:     | -0.405 | -0.769 |
| 5:     | 0.443  | 0.413  |
| 6:     | 0.117  | -0.072 |
| 7:     | -0.007 | -0.003 |
| 8:     | -0.523 | 0.450  |
| 9:     | -0.868 | 0.228  |
| 10:    | -0.475 | 0.254  |

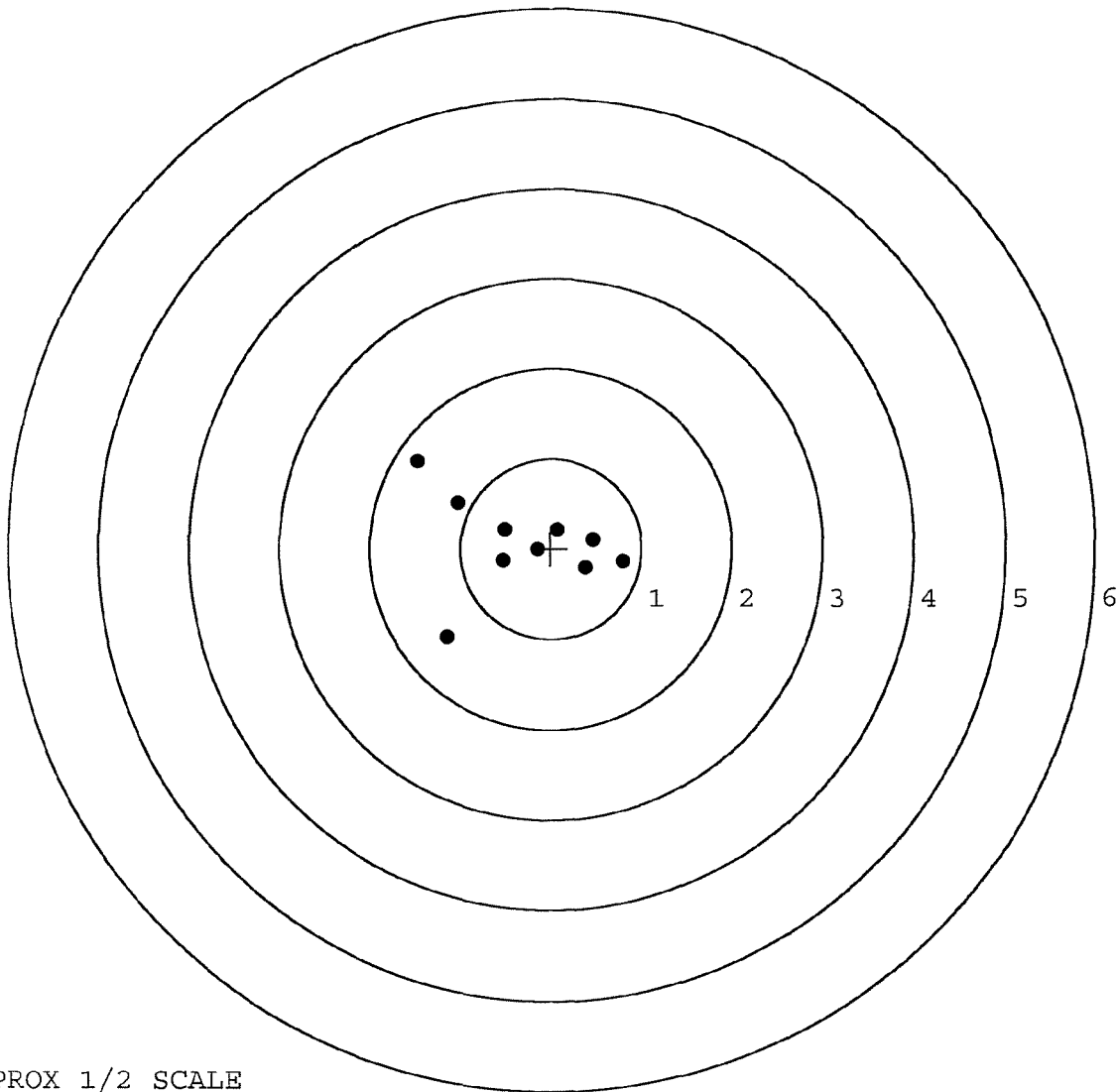


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587744. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 08/20/2003  
 FILE TIME: 06:34

X CENTROID: -0.313  
 Y CENTROID: 0.055  
 POA TO CENTROID: 0.318  
 HORZ SPREAD: 2.265  
 VERT SPREAD: 1.963  
 GROUP SPREAD: 2.528  
 MIN RADIUS: 0.171  
 MAX RADIUS: 1.482  
 MEAN RADIUS: 0.746  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.151 | -0.983 |
| 2:     | -1.030 | 0.510  |
| 3:     | -1.470 | 0.980  |
| 4:     | -0.533 | -0.128 |
| 5:     | -0.517 | 0.214  |
| 6:     | -0.153 | -0.007 |
| 7:     | 0.079  | 0.212  |
| 8:     | 0.471  | 0.103  |
| 9:     | 0.795  | -0.142 |
| 10:    | 0.380  | -0.212 |

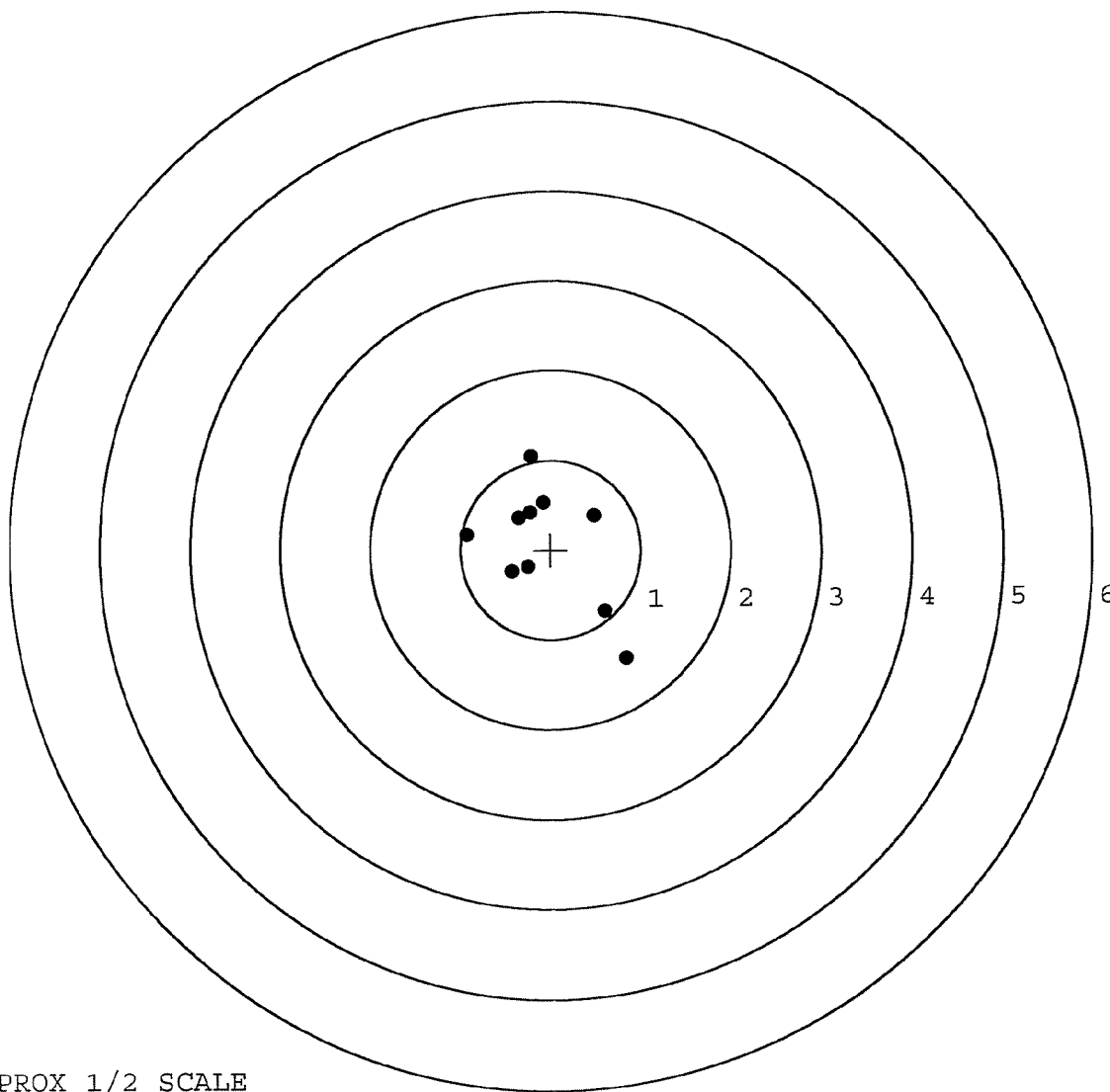


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587744. 0  
 TARGET NUMBER: 5  
 FILE DATE: 08/20/2003  
 FILE TIME: 06:34

X CENTROID: -0.059  
 Y CENTROID: 0.058  
 POA TO CENTROID: 0.083  
 HORZ SPREAD: 1.763  
 VERT SPREAD: 2.262  
 GROUP SPREAD: 2.494  
 MIN RADIUS: 0.314  
 MAX RADIUS: 1.556  
 MEAN RADIUS: 0.716  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.830  | -1.219 |
| 2:     | 0.598  | -0.693 |
| 3:     | 0.483  | 0.383  |
| 4:     | -0.220 | 1.043  |
| 5:     | -0.082 | 0.527  |
| 6:     | -0.227 | 0.424  |
| 7:     | -0.354 | 0.363  |
| 8:     | -0.256 | -0.188 |
| 9:     | -0.434 | -0.240 |
| 10:    | -0.933 | 0.175  |



TARGET APPROX 1/2 SCALE

## FINAL INSPECTION CHECKLIST M-24 REPAIRS

CONTRACT #: DAAE-20-02-D-0127

SERIAL # C658 7744INSPECTED BY: RTLDATE REC'D: 7-28-03DATE RET'D: 8-20-03

## 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        | 68094                                     |           |         |
| SERIAL NUMBER       | C6587744                                  |           |         |
| LOG-IN DATE         | 7-28-03                                   |           |         |
| INSPECT AND VERIFY: |                                           |           |         |
| OPERATION #         | OPERATION NAME                            | DATE      | INITIAL |
| 550                 | DIS-ASSEMBLE GUN                          | 7-31-03   | RTL     |
| 560 A               | RE-BARREL                                 | 8-7-03    | RTL     |
| B                   | DRILL AND TAP                             | 8-11-03   | TRW     |
| 575                 | ASSEMBLE                                  | 8-11-03   | RTL     |
| 600                 | PROOF <small>MAGNA-FLUX INSPECTED</small> | 8-11-03   | AK      |
| 605                 | CHECK HEADSPACE                           | 8-11-03   | AK      |
| 610                 | DIS-ASSEMBLE GUN                          | 8-11-03   | RTL     |
| 612                 | MAGNAFLUXERATOR <i>RTL</i>                |           |         |
| 615                 | ROLLMARK CALIBER                          | 8-12-03   | SB      |
| 618                 | ROTO-BLAST                                | 8-13-03   | JB      |
| 620                 | APPLY COATINGS                            | 8-14      | TA      |
| 625 A               | FINAL ASSEMBLY                            | 8-19-03   | RTL     |
| B                   | TRIGGER PULL TEST                         |           |         |
| C                   | SAFETY "ON" FORCE                         |           |         |
| D                   | SAFETY "OFF" FORCE                        |           |         |
| E                   | FIRING PIN INDENT                         |           |         |
| 640                 | TARGET                                    | 8-20-03   | AK      |
| 655                 | FINAL INSPECT                             | 8-20-03   | RTL     |
| 660                 | PACK                                      | 8-25-03   | SA      |
|                     |                                           |           |         |
|                     |                                           |           |         |
|                     |                                           |           |         |
|                     |                                           |           |         |
|                     |                                           | SHIP DATE |         |
|                     |                                           |           |         |
|                     | QAR INSPECTION DATE                       |           |         |

**Remington**  
MODEL 700™ M24

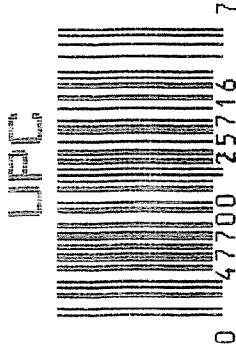
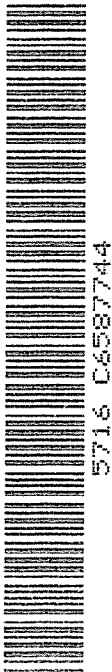
VERY IMPORTANT:  
Instruction Book  
enclosed to assure  
safe use of this  
firearm.

REG. U.S. PAT. & TM. OFF.

SERIAL NO.  
C6587744

ORDER NO.  
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587744

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT |
|--------------|----------------------------------------------------------------|----------|----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 10/18/90 | KJ   |
| 600          | Proof                                                          |          | 10/18/90 | KJ   |
| 607          | Check Headspace                                                |          | 10/18/90 | KJ   |
| 610          | Dis-assemble Gun                                               |          | 10/18/90 | KJ   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 10/22/90 | KR   |
|              | Magnaflux Bolt                                                 |          | 10/22/90 | KR   |
| 615          | Rollmark Caliber                                               |          | 10/22/90 | YJ   |
| 617          | Drill and Tap Sight Holes                                      |          | 10/27/90 | WB   |
| 618          | Polish Barrel RB                                               |          | 10/29/90 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 11-6-90  | JA   |
|              | Apply Coating (Bolt)                                           |          | 11-6-90  | JA   |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 11-6-90  | KS   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 11-6-90  | KS   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 11-6-90  | KS   |
|              | D) Oil Firing Pin Ass'y                                        |          | 11-6-90  | KS   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 11/13/90 | GS   |

| op. #        | OP. NAME                                                    | READINGS |       |      |      |      | DATE     | INIT |
|--------------|-------------------------------------------------------------|----------|-------|------|------|------|----------|------|
| 625<br>cont. | F) Safety On Force                                          | 5.3/4    | 5.3/4 | 5.0  |      |      | 11/7/90  | KS   |
|              | G) Safety Off Force                                         | 3.0      | 3.25  | 3.5  |      |      | 11/7/90  | KS   |
|              | H) Trigger Pull Test & Retainability                        |          |       |      |      |      |          |      |
|              | I) Firing Pin Indent                                        | .021     | .020  | .020 |      |      | 11/7/90  | KS   |
|              | J) Assemble Stock                                           |          |       |      |      |      | 11/13/90 | KS   |
|              | K) Assemble Swivel Studs                                    |          |       |      |      |      | 11-19-90 | D/H  |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |      |      |      | 11/13/90 | KS   |
|              | M) Iron Sight Alignment                                     |          |       |      |      |      | 11/13/90 | KS   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |      |      |      | 11/13/90 | KS   |
|              | O) Attach Scope to Rifle                                    |          |       |      |      |      | 11/13/90 | KS   |
|              | P) Detach & Attach Scope 20 Times                           |          |       |      |      |      | 11/13/90 | KS   |
| 640          | Gallery Target & Test                                       |          |       |      |      |      | 11/14/90 | NF   |
|              | A) Time                                                     |          |       |      |      |      | "        | NF   |
|              | B) Malfunctions                                             |          |       |      |      |      | "        | NF   |
|              | C) Pierced Primers                                          |          |       |      |      |      | "        | NF   |
|              | D) Optical Clarity of Scope                                 |          |       |      |      |      | "        | NF   |
| 645          | Inspect for Live Ammo                                       |          |       |      |      |      | 11/14/90 | NF   |
| 655          | Final Inspection                                            |          |       |      |      |      |          |      |
|              | A) Headspace                                                |          |       |      |      |      | 11-19-90 | D/H  |
|              | B) Trigger Pull                                             | 2.52     | 2.68  | 2.65 | 2.73 | 2.56 | 11-19-90 | D/H  |
|              | C) Function                                                 |          |       |      |      |      | 11-19-90 | D/H  |
| 660          | Pack                                                        |          |       |      |      |      | 12-18-90 | D/H  |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587744

DATE 13 AUG 90

TESTER Q28

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |     | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-----|------------------------------------------------------------------------|
| PULL #1 | 214              | 236                      | 244                            | 252 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 227              | 229                      | 247                            | 268 |                                                                        |
| PULL #3 | 218              | 251                      | 244                            | 265 |                                                                        |
| PULL #4 | 209              | 232                      | 246                            | 273 |                                                                        |
| PULL #5 | 221              | 238                      | 241                            | 256 |                                                                        |
| TOTAL   |                  |                          |                                |     |                                                                        |
| AVG.    |                  |                          |                                |     |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 307              | 310                      |  |          |
| PULL #2 | 304              | 315                      |  |          |
| PULL #3 | 310              | 380                      |  |          |
| PULL #4 | 305              | 310                      |  |          |
| PULL #5 | 298              | 302                      |  |          |
| TOTAL   |                  |                          |  |          |
| AVG.    |                  |                          |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# FOR<br>TARGET & ACCURACY |
|---------|------------------|--------------------------|--------------------------------|--------------------------------------|
| PULL #1 | 418              | 414                      |                                | 429                                  |
| PULL #2 | 408              | 411                      |                                | 413                                  |
| PULL #3 | 413              | 408                      |                                | 425                                  |
| PULL #4 | 409              | 419                      |                                | 408                                  |
| PULL #5 | 401              | 424                      |                                | 413                                  |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06587744  
15 Nov 1990

CENTROIDAL DISTANCES

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .0740608 |
| 1 TO | 2 | .201437  |
| 1 TO | 3 | .164575  |
| 1 TO | 4 | .278173  |
| 1 TO | 5 | .294703  |



-----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0482  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .002  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0482415  
THE BNR FOR THIS RIFLE IS: .9372

15 May 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/08587744

## CENTERFIRE PATTERNS

# 1

POR

1 in circle

2 in circle

3 in circle

# OF SHOTS - 10

# IN CIR

1 in = 3

2 in = 3

3 in = 10

HS = 1.833

VS = 1.184

GS = 1.838

CENTROID +

PATTERN #

:

1

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.011

.725

.640

MINIMUM X

:

-.824

-.712

-.797

MAXIMUM Y

:

.582

.579

.543

MINIMUM Y

:

-.602

-.605

-.641

CENTROID X

:

-.074

-.186

-.101

CENTROID Y

:

.003

.006

.042

POR TO CENTROID in.:

.074

.187

.109

MIN RADIUS

:

.243

.295

.217

MEAN RADIUS

:

.629

.580

.549

MAX RADIUS

:

1.011

.829

.798

HORIZONTAL SPREAD

:

1.835

1.437

1.437

VERTICAL SPREAD

:

1.184

1.184

1.184

EXTREME SPREAD

:

1.838

1.515

1.515

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

9

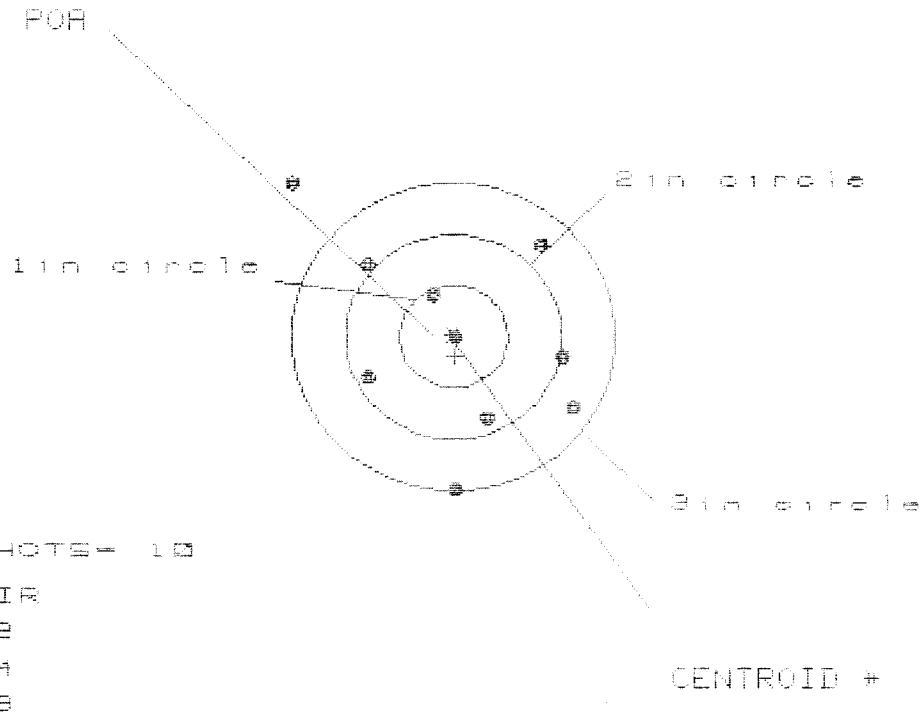
NUMBER IN THREE INCH CIRCLE =

10

15 Nov 1998

FILE: \PATTERNING\CENTERFIRE\_PATT\08587744

## CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 4

3in = 9

HS= 2.512

VS= 2.996

GS= 3.370

CENTROID +

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.068  | .907   | .886   |
| MINIMUM X                     | -1.444 | -.961  | -.982  |
| MAXIMUM Y                     | 1.508  | 1.060  | .895   |
| MINIMUM Y                     | -1.488 | -1.321 | -1.770 |
| CENTROID X                    | -.010  | .151   | .172   |
| CENTROID Y                    | .194   | .027   | .192   |
| POR TO CENTROID in.           | .195   | .153   | .258   |
| MIN RADIUS                    | .048   | .277   | .206   |
| MEAN RADIUS                   | 1.038  | .927   | .860   |
| MAX RADIUS                    | 2.088  | 1.332  | 1.170  |
| HORIZONTAL SPREAD             | 2.512  | 1.868  | 1.868  |
| VERTICAL SPREAD               | 2.996  | 2.381  | 1.665  |
| EXTREME SPREAD                | 3.370  | 2.527  | 2.320  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 9      |        |        |

15 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587744

## CENTERFIRE PATTERNS # 3

POR

1 in circle

2 in circle

3 in circle

# OF SHOTS = 10

# IN CIR

1 in = 2

2 in = 6

3 in = 9

HE = 1.994

VE = 2.409

GE = 2.617

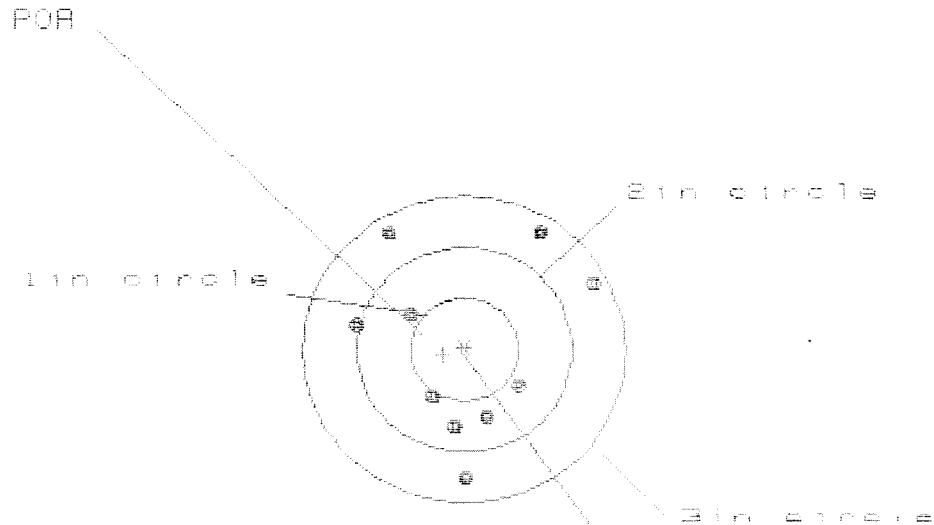
CENTROID #

| PATTERN #                   | : | 3      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .935   | .818  | .729  |
| MINIMUM X                   | : | -1.059 | -.857 | -.946 |
| MAXIMUM Y                   | : | 1.228  | 1.097 | .614  |
| MINIMUM Y                   | : | -1.181 | -.935 | -.798 |
| CENTROID X                  | : | .088   | .205  | .294  |
| CENTROID Y                  | : | .032   | .163  | .026  |
| POR TO CENTROID in.         | : | .093   | .262  | .295  |
| MIN RADIUS                  | : | .334   | .313  | .222  |
| MEAN RADIUS                 | : | .904   | .816  | .734  |
| MAX RADIUS                  | : | 1.586  | 1.307 | 1.060 |
| HORIZONTAL SPREAD           | : | 1.994  | 1.675 | 1.675 |
| VERTICAL SPREAD             | : | 2.409  | 2.032 | 1.412 |
| EXTREME SPREAD              | : | 2.617  | 2.450 | 2.012 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9     |       |

15 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/08582744

## CENTERFIRE PATTERNS # 4



# OF SHOTS = 10

# IN CIR

1 in = 0

2 in = 5

3 in = 10

HS = 2.180

VS = 2.458

GS = 2.559

CENTROID \*

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.198

1.117

.750

MINIMUM X

-.983

-1.063

-.923

MAXIMUM Y

1.188

1.284

1.379

MINIMUM Y

-1.270

-1.138

-1.044

CENTROID X

.200

.280

.141

CENTROID Y

.051

-.081

-.175

PQR TO CENTROID in.

.206

.292

.225

MIN RADIUS

.569

.500

.366

MEAN RADIUS

.958

.883

.790

MAX RADIUS

1.392

1.422

1.569

HORIZONTAL SPREAD

2.180

2.180

1.673

VERTICAL SPREAD

2.458

2.422

2.422

EXTREME SPREAD

2.559

2.522

2.522

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

10

15 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06587744

## CENTERFIRE PATTERNS

# 5

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS - 10

# IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 2.092

VS = 3.283

CS = 3.327

CENTROID +

PATTERN #

5

| SHOTS (BEST OF)               | 10     | 9      | 8      |
|-------------------------------|--------|--------|--------|
| MAXIMUM X                     | .910   | .905   | .757   |
| MINIMUM X                     | -1.182 | -1.187 | -1.085 |
| MAXIMUM Y                     | 1.951  | 1.564  | 1.461  |
| MINIMUM Y                     | -1.332 | -1.115 | -1.218 |
| CENTROID X                    | .037   | .042   | .190   |
| CENTROID Y                    | -.270  | -.487  | -.384  |
| POA TO CENTROID in.           | .272   | .488   | .428   |
| MIN RADIUS                    | .388   | .200   | .242   |
| MEAN RADIUS                   | 1.157  | 1.045  | .973   |
| MAX RADIUS                    | 1.951  | 1.622  | 1.488  |
| HORIZONTAL SPREAD             | 2.092  | 2.092  | 1.842  |
| VERTICAL SPREAD               | 3.283  | 2.679  | 2.679  |
| EXTREME SPREAD                | 3.327  | 2.884  | 2.752  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |



## AVERAGE PULL FORCE BETWEEN

INITIAL &amp; CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. \_\_\_\_\_

DATE 9-15-95TESTER DA

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |  | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|--|------------------------------------------------------------------------|
| PULL #1 | 2.61             | 2.53                     | 2.56                           |  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.55             | 2.55                     | 2.71                           |  |                                                                        |
| PULL #3 | 2.51             | 2.45                     | 2.66                           |  |                                                                        |
| PULL #4 | 2.54             | 2.62                     | 2.68                           |  |                                                                        |
| PULL #5 | 2.58             | 2.66                     | 2.71                           |  |                                                                        |
| TOTAL   | 12.79            | 12.81                    | 13.32                          |  |                                                                        |
| AVG.    | 2.55             | 2.56                     | 2.66                           |  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.14             | 3.09                     |  |          |
| PULL #2 | 3.12             | 3.17                     |  |          |
| PULL #3 | 3.10             | 3.02                     |  |          |
| PULL #4 | 3.18             | 3.13                     |  |          |
| PULL #5 | 3.20             | 3.19                     |  |          |
| TOTAL   | 15.64            | 15.60                    |  |          |
| AVG.    | 3.12             | 3.12                     |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# FOR<br>TARGET & ACCURACY |
|---------|------------------|--------------------------|--------------------------------|--------------------------------------|
| PULL #1 | 4.18             | 4.02                     | 4.04                           |                                      |
| PULL #2 | 4.00             | 4.07                     | 3.94                           |                                      |
| PULL #3 | 4.15             | 4.14                     | 3.95                           |                                      |
| PULL #4 | 4.17             | 4.15                     | 3.90                           |                                      |
| PULL #5 | 4.00             | 4.25                     | 4.00                           |                                      |
| TOTAL   | 20.50            | 20.63                    | 19.83                          |                                      |
| AVG.    | 4.10             | 4.12                     | 3.96                           |                                      |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6587744

| OP. #        | OP. NAME                                                       | READINGS | DATE | INITIAL |
|--------------|----------------------------------------------------------------|----------|------|---------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          |      |         |
| 600          | Proof                                                          |          |      |         |
| 607          | Check Headspace                                                |          |      |         |
| 610          | Dis-assemble Gun                                               |          |      |         |
| 612          | Magnaflux Barrel<br>Action                                     |          |      |         |
|              | Magnaflux Bolt                                                 |          |      |         |
| 615          | Rollmark Caliber                                               |          |      |         |
| 617          | Drill and Tap Sight Holes                                      |          |      |         |
| 618          | Polish Barrel                                                  |          |      |         |
| 620          | Apply Coatings<br>(Barrel Action)                              |          |      |         |
|              | Apply Coating (Bolt)                                           |          |      |         |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          |      |         |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          |      |         |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          |      |         |
|              | D) Oil Firing Pin Ass'y                                        |          |      |         |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          |      |         |

| op. #        | OP. NAME                                                    | READINGS |       |       |      |      | DATE  | INIT |
|--------------|-------------------------------------------------------------|----------|-------|-------|------|------|-------|------|
| 625<br>cont. | F) Safety On Force                                          | 6        | 6     | 5 3/4 |      |      | 12/14 | WB   |
|              | G) Safety Off Force                                         | 3 1/2    | 3 1/2 | 3 1/2 |      |      | 12/14 | WB   |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |      |      |       |      |
|              | I) Firing Pin Indent                                        |          |       |       |      |      |       |      |
|              | J) Assemble Stock                                           |          |       |       |      |      |       |      |
|              | K) Assemble Swivel Studs                                    |          |       |       |      |      |       |      |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |      |      |       |      |
|              | M) Iron Sight Alignment                                     |          |       |       |      |      |       |      |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |      |      |       |      |
|              | O) Attach Scope to Rifle                                    |          |       |       |      |      |       |      |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |      |      |       |      |
| 640          | Gallery Target & Test                                       |          |       |       |      |      |       |      |
|              | A) Time                                                     |          |       |       |      |      |       |      |
|              | B) Malfunctions                                             |          |       |       |      |      |       |      |
|              | C) Pierced Primers                                          |          |       |       |      |      |       |      |
|              | D) Optical Clarity of Scope                                 |          |       |       |      |      |       |      |
| 645          | Inspect for Live Ammo                                       |          |       |       |      |      |       |      |
| 655          | Final Inspection                                            |          |       |       |      |      |       |      |
|              | A) Headspace                                                |          |       |       |      |      |       |      |
|              | B) Trigger Pull                                             | 2.51     | 2.63  | 2.63  | 2.67 | 2.70 | 12/14 | WB   |
|              | C) Function                                                 |          |       |       |      |      |       |      |
| 660          | Pack                                                        |          |       |       |      |      |       |      |