

G 646 1665

**M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)**  
**BOLT ACTION CENTERFIRE RIFLE**  
**24" BARREL 7.62 NATO**

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



ORDER NO.

**25716**

BARREL LENGTH

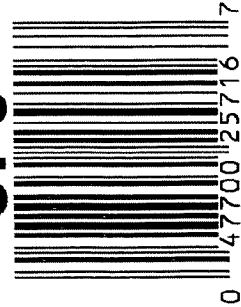
**24"**

CAPACITY

**6**

**G6461665**

**UPC**



**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYST)

**UPC**



0 47700 25716 7

**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYST)

**UPC**



0 47700 25716 7

SERIAL NO.



66461665

## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6461665

| OP #         | OPERATION NAME                                                                                                                         | READINGS                                 | DATE     | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------|---------|
| 420 &<br>430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                                                                                                   |                                          | 10-4-05  | RTZ     |
| 440          | PROOF                                                                                                                                  |                                          | 10-5-05  | BG      |
| 460          | CHECK HEADSPACE                                                                                                                        |                                          | 10-5-05  | BG      |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | MAGNA-FLUX<br>INSPECTED                  | 10-6-05  | RTZ     |
| 480 &<br>490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 | OCT 10 2005<br>1560 OPERATOR <u>Wend</u> | 10/10/05 | Wend    |
| 500          | ROLLMARK CALIBER                                                                                                                       |                                          | 10-10-05 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                                          | 10-7-05  | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                                          | 10-14-05 | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                                          | 10/19/05 | RB      |
|              | (BOLT)                                                                                                                                 |                                          | 10/19/05 | RB      |
| 560          | RE-ASSEMBLE ACTION<br>A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                              |                                          | 10/20/05 | DA      |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                                          | 10/20/05 | DA      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                                          | 10/20/05 | DA      |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                                          | 10-20-05 | RTZ     |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE <span style="border: 1px solid black; padding: 2px;">2.50 LBS +/- .5 LBS</span> |                                          |          |         |

REV-8405

| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>8 16</u> <u>7 16</u> <u>8 16</u>                         | 11-2-05  | BC      |
| CONT.        |                                                                          |                                                             |          |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>3 16</u> <u>3 16</u> <u>3 16</u>                         | 11-2-05  | BC      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |          |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.023</u> <u>.023</u> <u>.023</u>                         | 11-2-05  | BC      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 10-26-05 | RTZ     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 11-2-05  | BC      |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 11-2-05  | BC      |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 11-2-05  | BC      |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 11-2-05  | BC      |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | PASS FAIL<br>PASS <del>FAIL</del> OK                        | 10/26/05 | MTM     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 10/26/05 | MTM     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 11-2-05  | BC      |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.45</u> <u>2.50</u> <u>2.49</u> <u>2.58</u> <u>2.64</u> | 11-1-05  | BC      |
|              | C) FUNCTION                                                              |                                                             | 11-2-05  | BC      |
| 690          | PACK                                                                     |                                                             | 11/30/05 | DA      |

## INITIAL &amp; 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 10-22-05

TESTER R.P.

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>.2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|------------------------------------|-------|----------|
| PULL #1 | 2.54                | 2.27                        |                                    | 2.59  |          |
| PULL #2 | 2.39                | 2.35                        |                                    | 2.54  |          |
| PULL #3 | 2.64                | 2.28                        |                                    | 2.50  |          |
| PULL #4 | 2.58                | 2.28                        |                                    | 2.58  |          |
| PULL #5 | 2.52                | 2.40                        |                                    | 2.61  |          |
| TOTAL   | 12.67               | 11.58                       |                                    | 12.82 |          |
| AVERAGE | 2.53                | 2.31                        |                                    | 2.56  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.24                | 3.03                        |  |          |
| PULL #2 | 3.02                | 3.00                        |  |          |
| PULL #3 | 3.05                | 2.96                        |  |          |
| PULL #4 | 3.20                | 2.90                        |  |          |
| PULL #5 | 2.93                | 3.12                        |  |          |
| TOTAL   | 15.44               | 15.01                       |  |          |
| AVERAGE | 3.08                | 3.00                        |  |          |

|         | 4.00 LBS<br>INITIAL | 4.00 LBS AFTER<br>20 CYCLES | MAX SETTING GREATER<br>THAN 4 LBS | RESET TO 4 LBS FOR<br>TARGET & ACCURACY |
|---------|---------------------|-----------------------------|-----------------------------------|-----------------------------------------|
| PULL #1 | 4.09                | 4.10                        |                                   | 4.07                                    |
| PULL #2 | 4.07                | 3.85                        |                                   | 3.91                                    |
| PULL #3 | 4.15                | 4.16                        |                                   | 4.09                                    |
| PULL #4 | 4.05                | 4.07                        |                                   | 4.20                                    |
| PULL #5 | 4.12                | 3.85                        |                                   | 4.01                                    |
| TOTAL   | 20.48               | 20.03                       |                                   | 20.28                                   |
| AVERAGE | 4.09                | 4.00                        |                                   | 4.05                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461665.\_\_\_0  
FILE DATE AND TIME: 10/29/2005 04:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.082 |
| The Average Y Centroid of the Five Target Set:              | 0.144 |
| The Average Point of Impact of the Five Target Set:         | 0.166 |
| The Average Mean Radius of the Five Target Set:             | 0.925 |
| The Distance from POA to Centroid Target #1:                | 0.333 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.441 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.484 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.410 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.273 |

SERIAL NUMBER: G6461665. 0

TARGET NUMBER: 1

FILE DATE: 10/29/2005

FILE TIME: 04:59

X CENTROID: 0.327

Y CENTROID: -0.062

POA TO CENTROID: 0.333

HORZ SPREAD: 2.894

VERT SPREAD: 2.170

GROUP SPREAD: 2.909

MIN RADIUS: 0.135

MAX RADIUS: 2.129

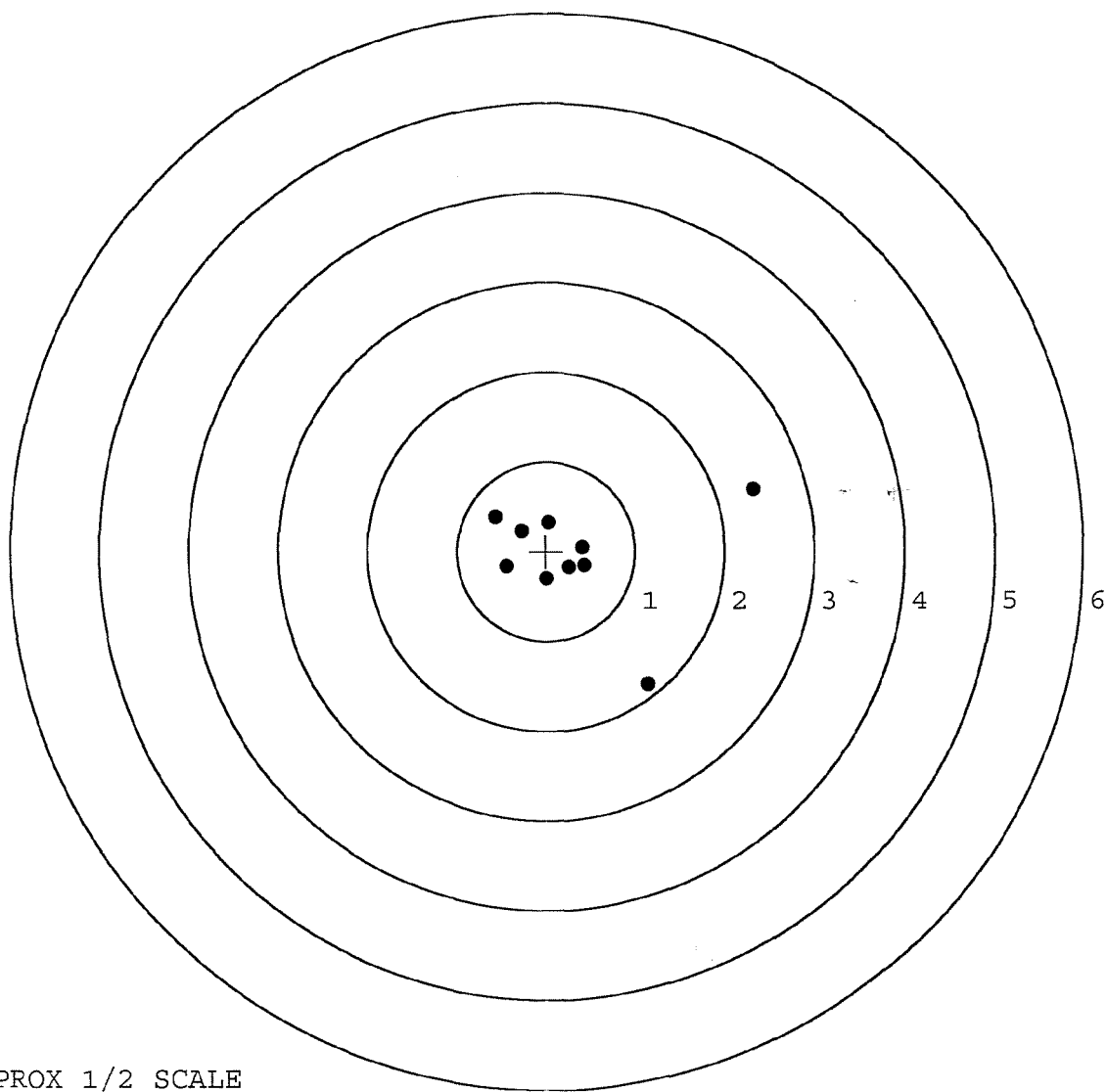
MEAN RADIUS: 0.755

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.141  | -1.482 |
| 2:     | -0.453 | -0.169 |
| 3:     | -0.575 | 0.390  |
| 4:     | -0.281 | 0.230  |
| 5:     | 0.022  | 0.321  |
| 6:     | 0.408  | 0.047  |
| 7:     | 0.433  | -0.159 |
| 8:     | -0.004 | -0.310 |
| 9:     | 0.260  | -0.180 |
| 10:    | 2.319  | 0.688  |

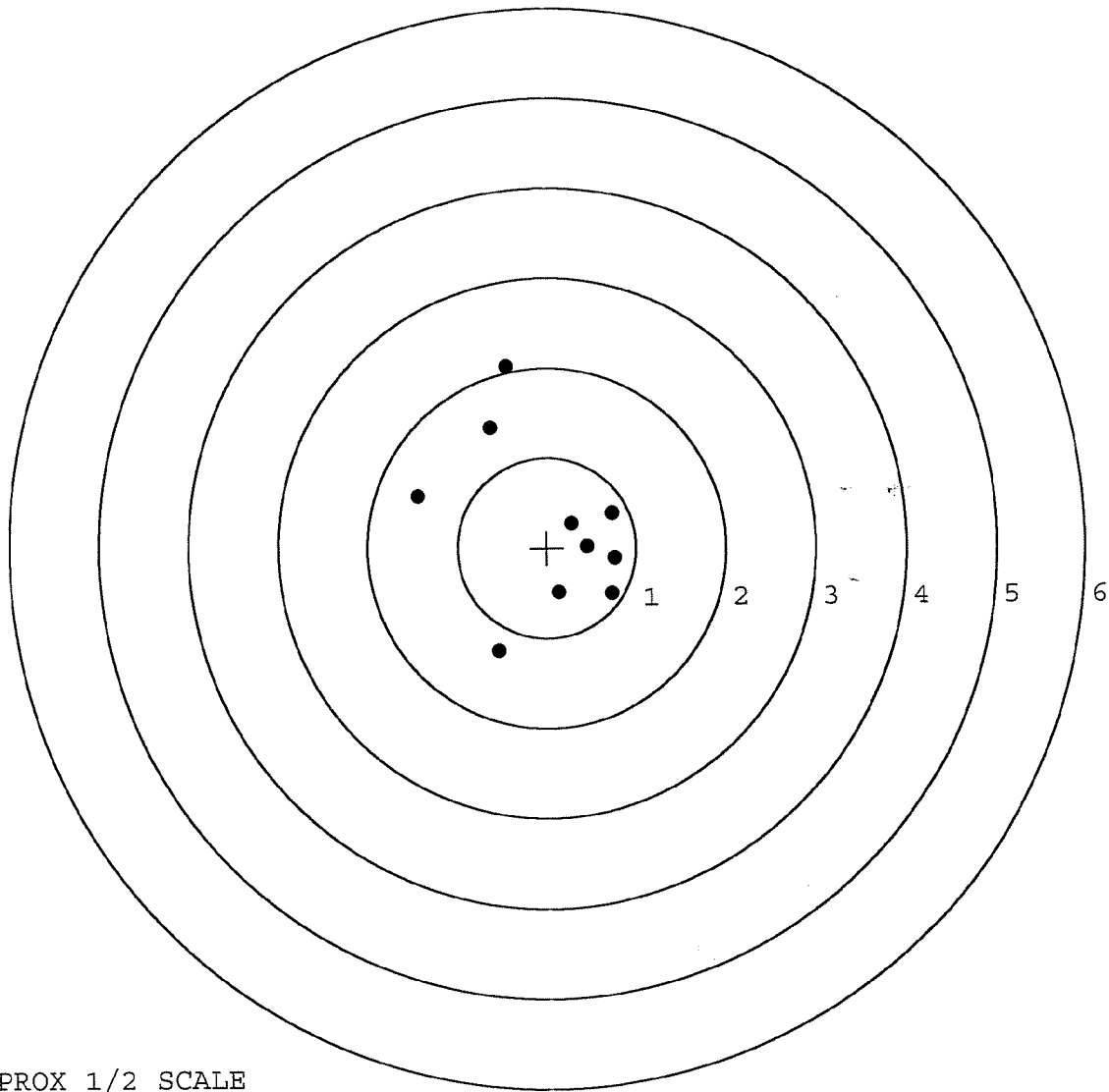


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461665. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 10/29/2005  
 FILE TIME: 04:59

X CENTROID: -0.001  
 Y CENTROID: 0.233  
 POA TO CENTROID: 0.233  
 HORZ SPREAD: 2.191  
 VERT SPREAD: 3.157  
 GROUP SPREAD: 3.159  
 MIN RADIUS: 0.279  
 MAX RADIUS: 1.839  
 MEAN RADIUS: 1.021  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 5  
 # in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.551 | -1.141 |
| 2:     | -1.435 | 0.575  |
| 3:     | -0.633 | 1.340  |
| 4:     | -0.451 | 2.016  |
| 5:     | 0.276  | 0.273  |
| 6:     | 0.730  | 0.384  |
| 7:     | 0.447  | 0.014  |
| 8:     | 0.756  | -0.119 |
| 9:     | 0.724  | -0.513 |
| 10:    | 0.132  | -0.499 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461665. 0

TARGET NUMBER: 3

FILE DATE: 10/29/2005

FILE TIME: 04:59

X CENTROID: -0.071

Y CENTROID: 0.213

POA TO CENTROID: 0.225

HORZ SPREAD: 1.722

VERT SPREAD: 2.570

GROUP SPREAD: 2.694

MIN RADIUS: 0.307

MAX RADIUS: 1.502

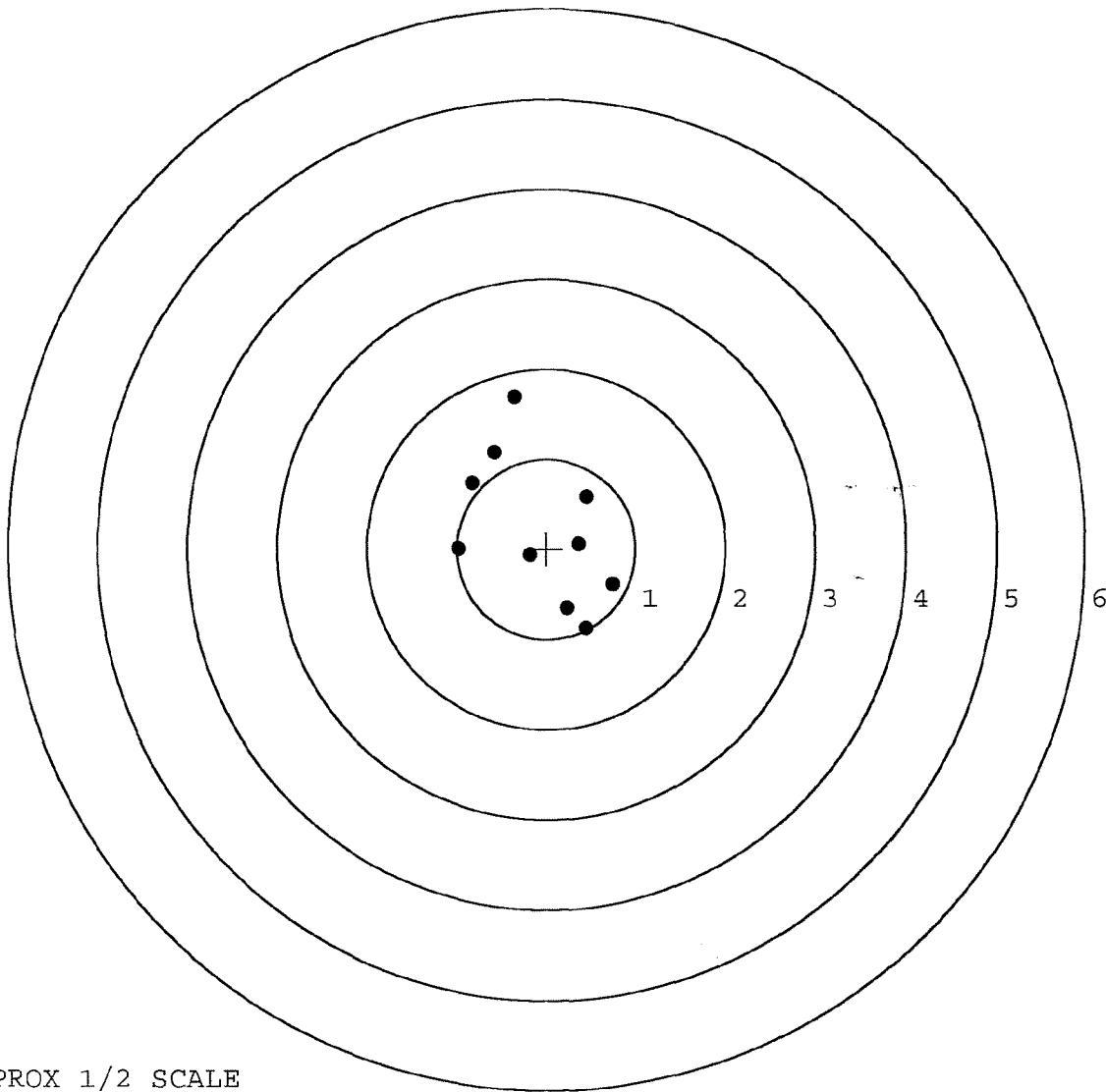
MEAN RADIUS: 0.893

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.443  | -0.883 |
| 2:     | 0.741  | -0.398 |
| 3:     | 0.233  | -0.662 |
| 4:     | 0.363  | 0.055  |
| 5:     | 0.453  | 0.586  |
| 6:     | -0.186 | -0.072 |
| 7:     | -0.981 | 0.005  |
| 8:     | -0.831 | 0.737  |
| 9:     | -0.584 | 1.078  |
| 10:    | -0.364 | 1.687  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461665. 0

TARGET NUMBER: 4

FILE DATE: 10/29/2005

FILE TIME: 04:59

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.598  | -1.756 |
| 2:     | 0.648  | -1.058 |
| 3:     | 0.348  | -0.108 |
| 4:     | 0.085  | -0.541 |
| 5:     | -0.128 | -0.369 |
| 6:     | 0.227  | 0.651  |
| 7:     | -1.222 | 0.247  |
| 8:     | 0.494  | 1.674  |
| 9:     | -0.114 | 1.926  |
| 10:    | -0.390 | 1.776  |

X CENTROID: 0.055

Y CENTROID: 0.244

POA TO CENTROID: 0.250

HORZ SPREAD: 1.870

VERT SPREAD: 3.682

GROUP SPREAD: 3.750

MIN RADIUS: 0.442

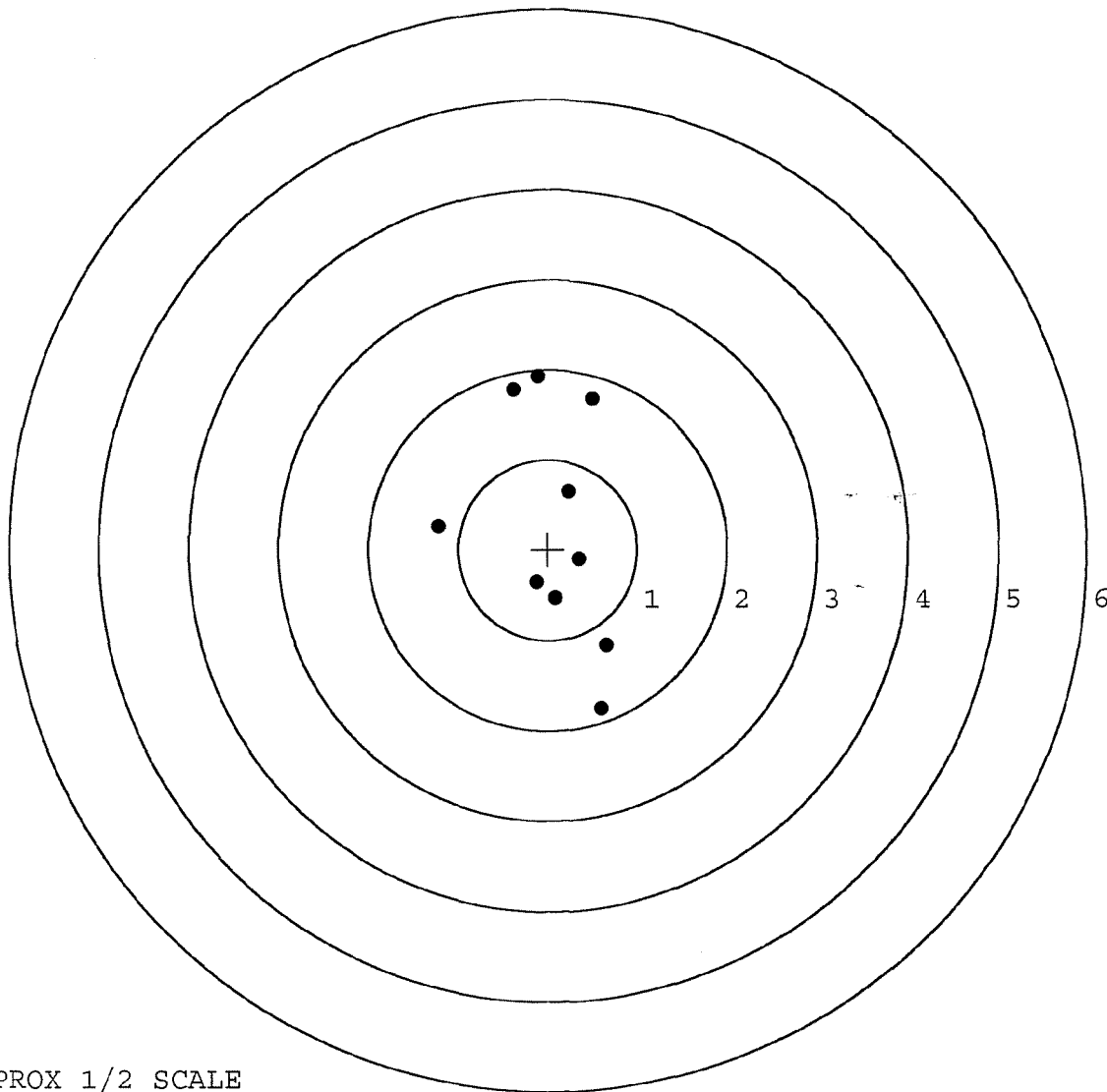
MAX RADIUS: 2.073

MEAN RADIUS: 1.189

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 4

# in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461665. \_\_0

TARGET NUMBER: 5

FILE DATE: 10/29/2005

FILE TIME: 04:59

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.758  | -0.565 |
| 2:     | -0.288 | -1.060 |
| 3:     | 0.189  | -0.308 |
| 4:     | 0.645  | 0.194  |
| 5:     | 0.805  | 0.547  |
| 6:     | 0.051  | 1.205  |
| 7:     | -0.342 | 0.129  |
| 8:     | -0.557 | 0.091  |
| 9:     | -0.833 | 0.427  |
| 10:    | 0.598  | 0.278  |

X CENTROID: 0.103

Y CENTROID: 0.094

POA TO CENTROID: 0.139

HORZ SPREAD: 1.638

VERT SPREAD: 2.265

GROUP SPREAD: 2.290

MIN RADIUS: 0.411

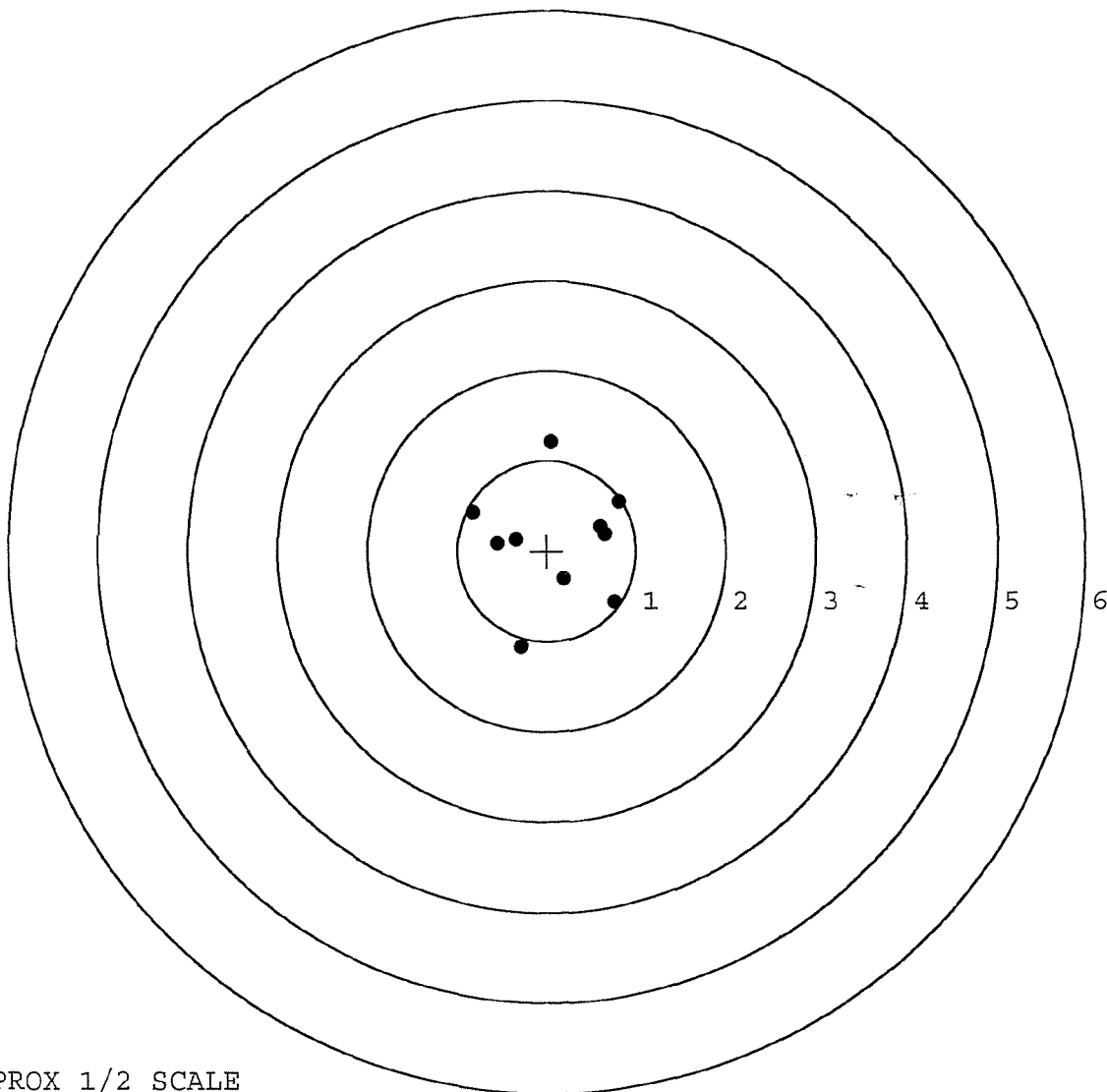
MAX RADIUS: 1.218

MEAN RADIUS: 0.769

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

7

6646/665

| CLIN    | DESCRIPTION                | NSN              | MFG / PN | COMPONENT USED<br>ON RIFLE AND<br>DEPLOYMENT KIT | INCLUDE IN<br>INTERCHANGEABILITY<br>TEST? |      |      |
|---------|----------------------------|------------------|----------|--------------------------------------------------|-------------------------------------------|------|------|
| IN 0020 | TRIGGER PULL ADJ SCREW     | 1005-01-260-2657 | 96030    | BOTH                                             | ALT TEST PROCEDURE                        | PASS | FAIL |
| IN 0001 | FIRING PIN ASSEMBLY        | 1005-01-260-2636 | 96007    | BOTH                                             | YES                                       | PASS | FAIL |
| IN 0003 | MAGAZINE FOLLOWER          | 1005-01-260-2638 | 96104    | BOTH                                             | YES                                       | PASS | FAIL |
| IN 0004 | MAGAZINE SPRING            | 1005-01-260-2639 | 15677    | BOTH                                             | YES                                       | PASS | FAIL |
| IN 0005 | SWIVEL, SLING, SMALL       | 1005-01-260-2640 | 96023    | BOTH                                             | YES                                       | PASS | FAIL |
| IN 0006 | SWIVEL, SCREW              | 1005-01-260-2641 | 96022    | BOTH                                             | YES                                       | PASS | FAIL |
| IN 0007 | SCOPE, ADJ DIAL DUST COVER | 1005-01-260-2642 | 96042    | BOTH                                             | YES                                       | PASS | FAIL |
| IN 0023 | SYSTEM CASE                | 1005-01-260-2662 | 96069    | RIFLE                                            | YES                                       | PASS | FAIL |
| IN 0026 | BIPOD HARRIS               | 1005-01-260-2665 | 96117    | RIFLE                                            | YES                                       | PASS | FAIL |
| IN 0027 | CASE, SCOPE                | 1005-01-260-2666 | 96081    | RIFLE                                            | YES                                       | PASS | FAIL |
| IN 0030 | SIGHT, FRONT               | 1005-01-262-2819 | 96118    | RIFLE                                            | YES                                       | PASS | FAIL |
| IN 0002 | FRONT SIGHT INSERTS KIT    | 1005-01-260-2637 | 96105    | DEPLOYMENT KIT                                   | YES                                       | PASS | FAIL |
| IN 0016 | REAR SIGHT BASE SCREW      | 1005-01-260-2653 | 96017    | BOTH                                             | YES                                       | PASS | FAIL |
| IN 0017 | FRONT SIGHT BASE SCREW     | 1005-01-260-2654 | 96012    | BOTH                                             | YES                                       | PASS | FAIL |
| IN 0018 | REAR GUARD SCREW           | 1005-01-260-2655 | 96015    | BOTH                                             | YES                                       | PASS | FAIL |
| IN 0019 | FRONT GUARD SCREW          | 1005-01-260-2656 | 96010    | BOTH                                             | YES                                       | PASS | FAIL |
| IN 0021 | SUNSHADE                   | 1005-01-260-2660 | 96049    | DEPLOYMENT KIT                                   | YES                                       | PASS | FAIL |
| IN 0008 | DUST COVER, FRONT          | 1005-01-260-2643 | 96043    | DEPLOYMENT KIT                                   | NO                                        |      |      |
| IN 0009 | DUST COVER, REAR           | 1005-01-260-2644 | 96044    | DEPLOYMENT KIT                                   | NO                                        |      |      |
| IN 0010 | HANDLE, TORQUE WRENCH      | 1005-01-260-2645 | 96059    | DEPLOYMENT KIT                                   | NO                                        |      |      |
| IN 0011 | SCOPE, WINDAGE DIAL        | 1005-01-502-3531 | 96271    | BOTH                                             | NO                                        |      |      |
| IN 0012 | SCOPE, ELEVATION DIAL      | 1005-01-502-3532 | 96270    | BOTH                                             | NO                                        |      |      |
| IN 0013 | SCOPE, RING SCREW          | 1005-01-260-2650 | 96083    | BOTH                                             | NO                                        |      |      |
| IN 0014 | SCOPE, BASE SCREW FRONT    | 1005-01-260-2651 | 96037    | BOTH                                             | NO                                        |      |      |
| IN 0015 | SCOPE, BASE SCREW REAR     | 1005-01-260-2652 | 96038    | BOTH                                             | NO                                        |      |      |
| IN 0022 | CASE, LENS CLEANING        | 1005-01-260-2661 | 96041    | DEPLOYMENT KIT                                   | NO                                        |      |      |
| IN 0024 | TOP FOAM                   | 1005-01-260-2663 | 96078    | SYSTEM CASE ONLY                                 | NO                                        |      |      |
| IN 0025 | BOTTOM FOAM                | 1005-01-260-2664 | 96079    | SYSTEM CASE ONLY                                 | NO                                        |      |      |
| IN 0028 | SCOPE, FOCUS DIAL          | 1005-01-262-2817 | 96047    | BOTH                                             | NO                                        |      |      |
| IN 0029 | CASE, CARRYING, WEAPON     | 1005-01-262-2818 | 96076    | RIFLE                                            | NO                                        |      |      |