9/27/2004 10:33:18 AM

Original 36 Crib

# 25716

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

.MA25716

Shop Order: SWS631059

.ABSWS631059

Start Date: 8/9/2004
Finish Date: 10/26/2004

0540 01PC001
Flat Black Powder Coat, Barrel and

0003451403

0560 89SWS1
Reassemble Action.

0003451404

0690 89SWS1
Pack Rifle

0003451397

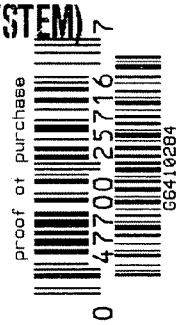
0700 89SWS1
Stencil SWS Container

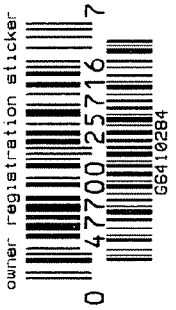
.OP0700

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

– INSTUCTION BOOK 3518

DD FORM

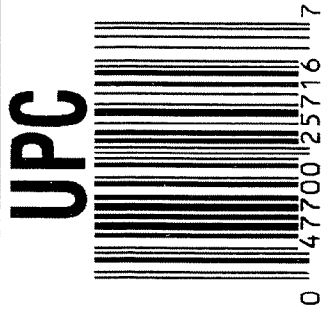


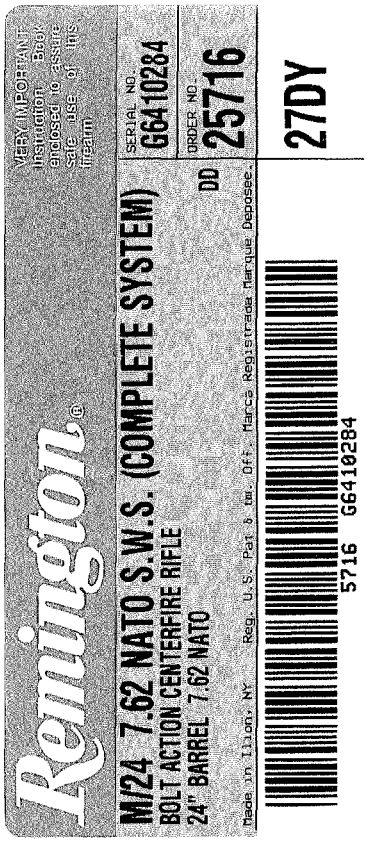




ORDER NO. **25716**

| | |
|---|---|
| BARREL LENGTH | 24" |
| CAPACITY | 6 |

**G6410284**






**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYSTI

**UPC**

0 47700 25716 7

**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYSTI

**UPC**

0 47700 25716 7

SERIAL NO.

G6410284

7/22/2004 3:21:04 PM

Original 6 Chkb

# 25716

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

.MA25716

Shop Order: SWS631055

.ABSWS631055

Start Date: 7/23/2004
Finish Date: 9/23/2004

0630 01PC001
Flat Black Powder Coat, Barrel and

0000338116

0640 89SWS1
Reassemble Action.

0000338117

0685 89SWS1
Attach Front and Rear Sight Assemblies

0000338122

0710 89SWS1
Pack Rifle & Stencil SWS Container

.OP0710

M-24

# INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6410284

| OP # | OPERATION NAME | READINGS | DATE | INITIAL |
|---|---|---|---|---|
| 575 & 580 | ASSEMBLE ACTION AND STOCK | | 8-11-04 | RTL |
| 600 | PROOF | | 8-11-04 | RTL |
| 607 | CHECK HEADSPACE | MAGNA-FLUX INSPECTED AUG 13 2004 | 8-11-04 | RTL |
| 610 | DIS-ASSEMBLE GUN | | 8-11-04 | RTL |
| 612 | MAGNAFLUX BBL ACTION MAGNAFLUX BOLT | OPERATOR | | |
| 615 | ROLLMARK CALIBER | | 8-13-04 | SB/CW |
| 617 | DRILL AND TAP SIGHT HOLES | | 8-14-04 | TRW |
| 620 | APPLY COATINGS (BARREL ACTION) | | 8/25 | HP |
| | (BOLT) | | | |
| 625 | FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY | | 9-2-04 | RW |
| | B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD | | 9-2-04 | RW |
| | C) INSPECT EJECTOR HOLE FOR CHAMFER | | 9-2-04 | RW |
| | D) OIL FIRING PIN ASSEMBLY | | 9-2-04 | RW |
| | E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS | | 9-21-04 | TRW |

| OP # | OPERATION NAME | READINGS | DATE | INITIAL |
|---|---|---|---|---|
| 625 | F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX] | 6.5 7.0 6.5 | 9/9/04 | DA |
| CONT. | G) SAFETY OFF FORCE [2 LBS MIN] | 2.0 2.0 3.0 | 9/9/04 | DA |
| | H) TRIGGER PULL TEST AND RETAINABILITY | | | |
| | I) FIRING PIN INDENT [.020 MIN] | .025 .025 .024.5 | 9/9/04 | DA |
| | J) ASSEMBLE STOCK | | 9-2-04 | RW |
| | K) ASSEMBLE SWIVEL STUDS | | 9-17-04 | RTR |
| | L) ATTACH FRONT AND REAR SIGHT ASSY'S | | 9-2-04 | RW |
| | M) IRON SIGHT ALIGNMENT | | 9-2-04 | RW |
| | N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER | | 9-2-04 | RW |
| 640 | GALLERY TEST AND TARGET | PASS FAIL | 9-7-04 | TRW |
| | MALFUNCTION | CORRECTION | 9-7-04 | TRW |
| | MALFUNCTION | CORRECTION | 9-7-04 | TRW |
| | MALFUNCTION | CORRECTION | 9-7-04 | TRW |
| | MALFUNCTION | CORRECTION | 9-7-04 | TRW |
| 645 | INSPECT FOR LIVE AMMO | | 9-7-04 | TRW |
| 655 | FINAL INSPECTION A) HEADSPACE | | 9-17-04 | RTR |
| | B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS] | 2.75 2.78 2.59 2.77 2.80 | 9/10/04 | DA |
| | C) FUNCTION | | 9-17-04 | RTR |
| 660 | PACK | | 9/17/04 | DA |

AVERAGE PULL FORCE BETWEEN INITIAL & CYCLE TESTS
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 6-4-04

TESTER TRW

| | 2.50 LBS INITIAL | 2.50 LBS AFTER 50 CYCLES | FINAL TEST & TO RESET 2.50 LBS | | COMMENTS |
|---|---|---|---|---|---|
| PULL #1 | 2.38 | 2.41 | | 2.48 | |
| PULL #2 | 2.30 | 2.28 | | 2.50 | |
| PULL #3 | 2.30 | 2.19 | | 2.46 | |
| PULL #4 | 2.15 | 2.24 | | 2.23 | |
| PULL #5 | 2.13 | 2.33 | | 2.46 | |
| TOTAL | 11.26 | 11.45 | | 12.13 | |
| AVERAGE | 2.25 | 2.29 | | 2.42 | |

| | 3.00 LBS INITIAL | 3.00 LBS AFTER 20 CYCLES | | COMMENTS |
|---|---|---|---|---|
| PULL #1 | 3.32 | 3.36 | | |
| PULL #2 | 3.31 | 3.36 | | |
| PULL #3 | 3.49 | 3.35 | | |
| PULL #4 | 3.10 | 3.36 | | |
| PULL #5 | 3.33 | 3.30 | | |
| TOTAL | 16.55 | 16.73 | | |
| AVERAGE | 3.31 | 3.34 | | |

| | 4.00 LBS INITIAL | 4.00 LBS AFTER 20 CYCLES | MAX SETTING GREATER THAN 4 LBS | RESET TO 4 LBS FOR TARGET & ACCURACY |
|---|---|---|---|---|
| PULL #1 | 4.33 | 4.34 | | 4.12 |
| PULL #2 | 4.05 | 4.37 | | 4.12 |
| PULL #3 | 4.08 | 4.37 | | 4.18 |
| PULL #4 | 4.24 | 4.33 | | 4.16 |
| PULL #5 | 4.25 | 4.28 | | 4.15 |
| TOTAL | 20.95 | 21.69 | | 20.73 |
| AVERAGE | 4.19 | 4.33 | | 4.14 |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410284.__0
FILE DATE AND TIME: 09/07/2004 06:05

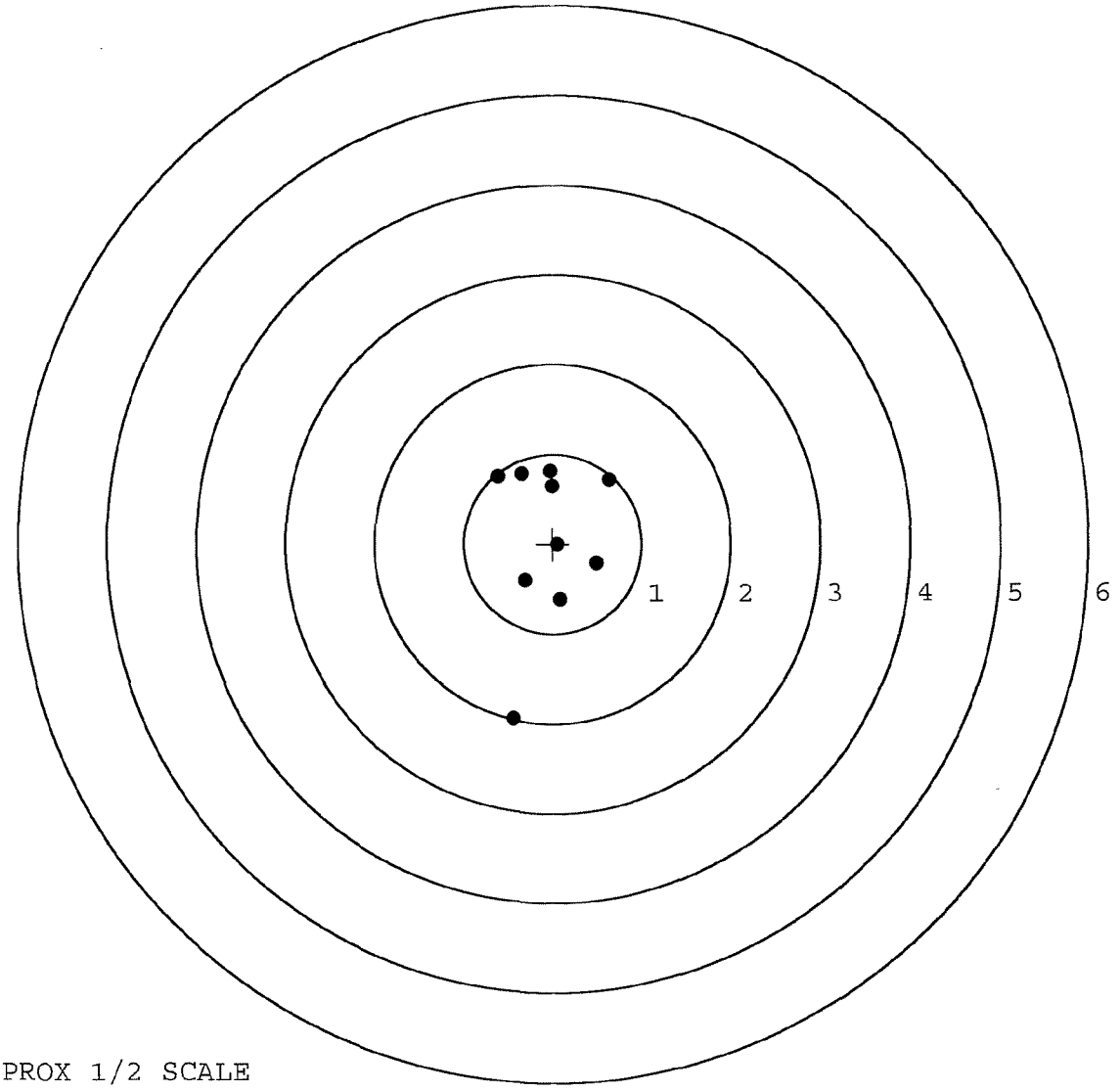
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

| | |
|---|---|
| The Average X Centroid of the Five Target Set: | 0.102 |
| The Average Y Centroid of the Five Target Set: | -0.158 |
| The Average Point of Impact of the Five Target Set: | 0.188 |
| The Average Mean Radius of the Five Target Set: | 0.938 |
| The Distance from POA to Centroid Target #1: | 0.073 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.730 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.267 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.227 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.337 |

SERIAL NUMBER: G6410284.__0
TARGET NUMBER: 1
FILE DATE: 09/07/2004
FILE TIME: 06:05

| | |
|---|---|
| X CENTROID: | -0.055 |
| Y CENTROID: | 0.048 |
| POA TO CENTROID: | 0.073 |
| HORZ SPREAD: | 1.253 |
| VERT SPREAD: | 2.760 |
| GROUP SPREAD: | 2.877 |
| MIN RADIUS: | 0.120 |
| MAX RADIUS: | 2.039 |
| MEAN RADIUS: | 0.798 |
| # IN 1 IN DIAMETER: | 1 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 9 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.448 | -1.953 |
| 2: | 0.080 | -0.623 |
| 3: | 0.488 | -0.218 |
| 4: | -0.316 | -0.410 |
| 5: | 0.048 | -0.013 |
| 6: | 0.628 | 0.715 |
| 7: | -0.036 | 0.807 |
| 8: | -0.014 | 0.643 |
| 9: | -0.356 | 0.781 |
| 10: | -0.625 | 0.749 |

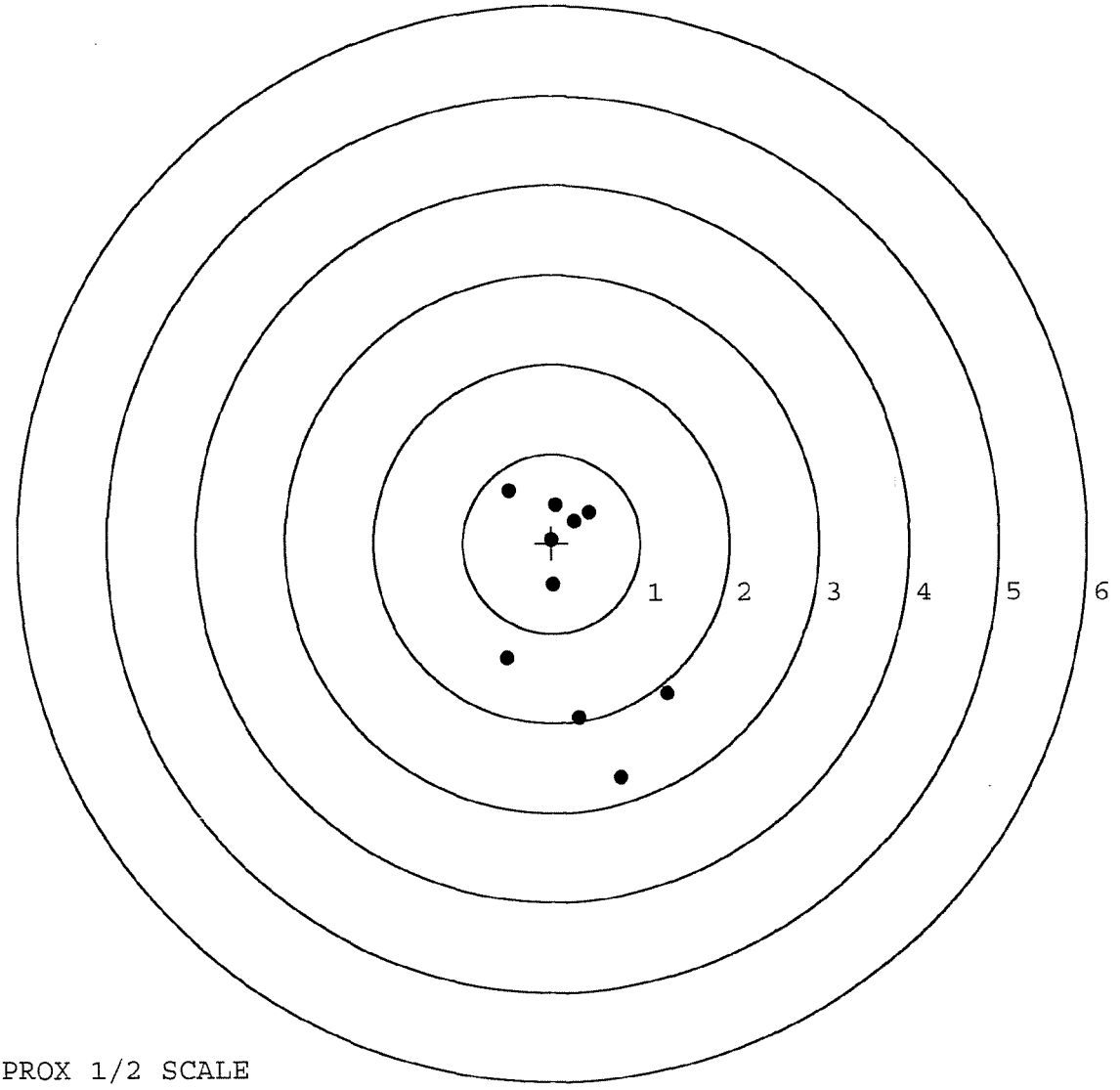



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410284.__0
TARGET NUMBER: 2
FILE DATE: 09/07/2004
FILE TIME: 06:05

| | |
|---|---|
| X CENTROID: | 0.211 |
| Y CENTROID: | -0.632 |
| POA TO CENTROID: | 0.666 |
| HORZ SPREAD: | 1.811 |
| VERT SPREAD: | 3.200 |
| GROUP SPREAD: | 3.439 |
| MIN RADIUS: | 0.258 |
| MAX RADIUS: | 2.057 |
| MEAN RADIUS: | 1.119 |
| # IN 1 IN DIAMETER: | 1 |
| # IN 2 IN DIAMETER: | 4 |
| # in 3 IN DIAMETER: | 8 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.774 | -2.611 |
| 2: | 1.299 | -1.678 |
| 3: | 0.306 | -1.943 |
| 4: | -0.512 | -1.284 |
| 5: | 0.017 | -0.462 |
| 6: | -0.487 | 0.589 |
| 7: | 0.417 | 0.352 |
| 8: | 0.045 | 0.428 |
| 9: | -0.012 | 0.039 |
| 10: | 0.260 | 0.248 |

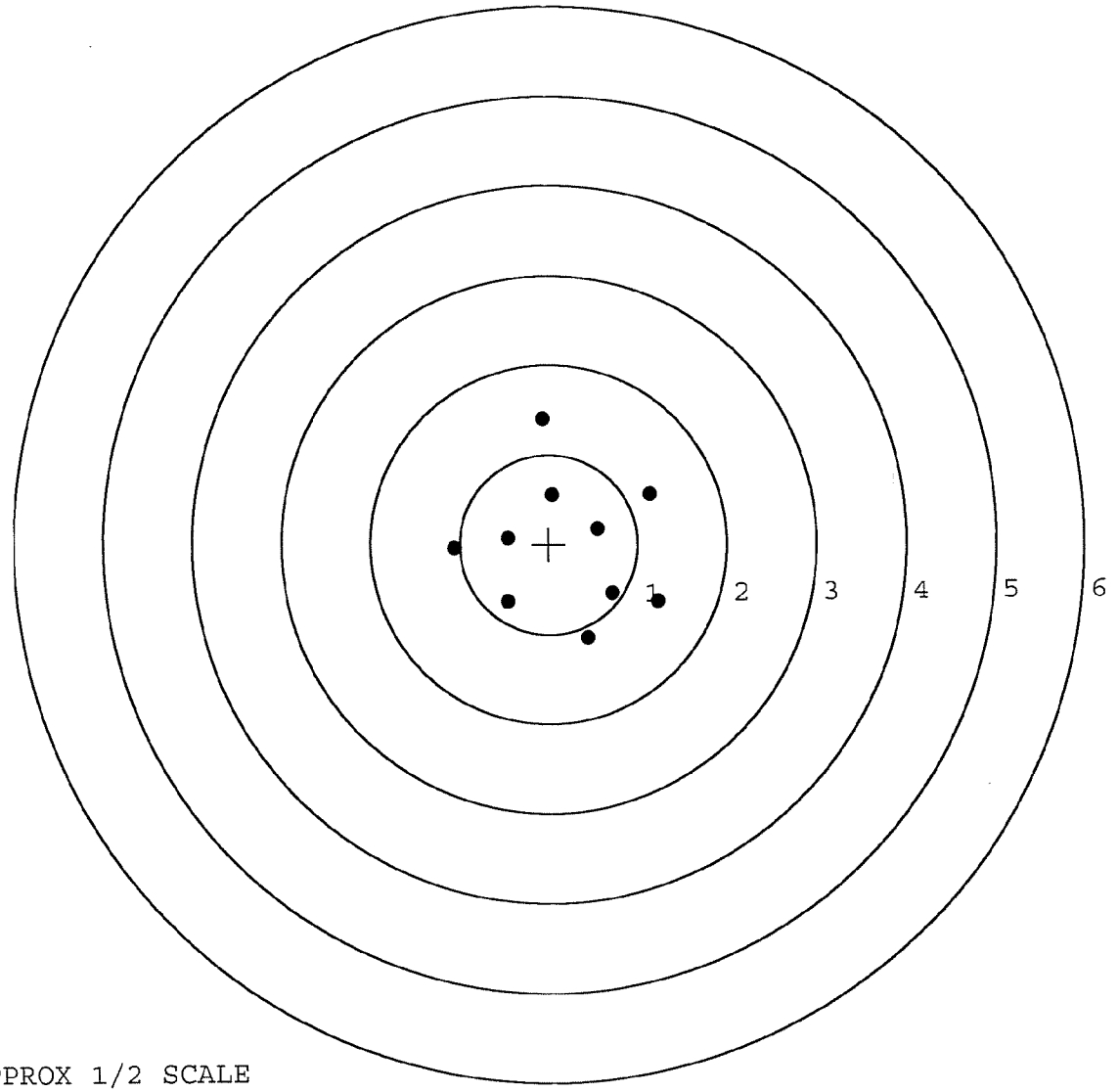



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410284.__0
TARGET NUMBER: 3
FILE DATE: 09/07/2004
FILE TIME: 06:05

| | |
|---|---|
| X CENTROID: | 0.204 |
| Y CENTROID: | -0.018 |
| POA TO CENTROID: | 0.205 |
| HORZ SPREAD: | 2.292 |
| VERT SPREAD: | 2.438 |
| GROUP SPREAD: | 2.488 |
| MIN RADIUS: | 0.392 |
| MAX RADIUS: | 1.439 |
| MEAN RADIUS: | 0.936 |
| # IN 1 IN DIAMETER: | 1 |
| # IN 2 IN DIAMETER: | 5 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 1.226 | -0.641 |
| 2: | 0.713 | -0.549 |
| 3: | 0.431 | -1.042 |
| 4: | 1.142 | 0.549 |
| 5: | 0.549 | 0.168 |
| 6: | -0.473 | -0.638 |
| 7: | -0.462 | 0.068 |
| 8: | -1.066 | -0.042 |
| 9: | 0.042 | 0.550 |
| 10: | -0.065 | 1.396 |

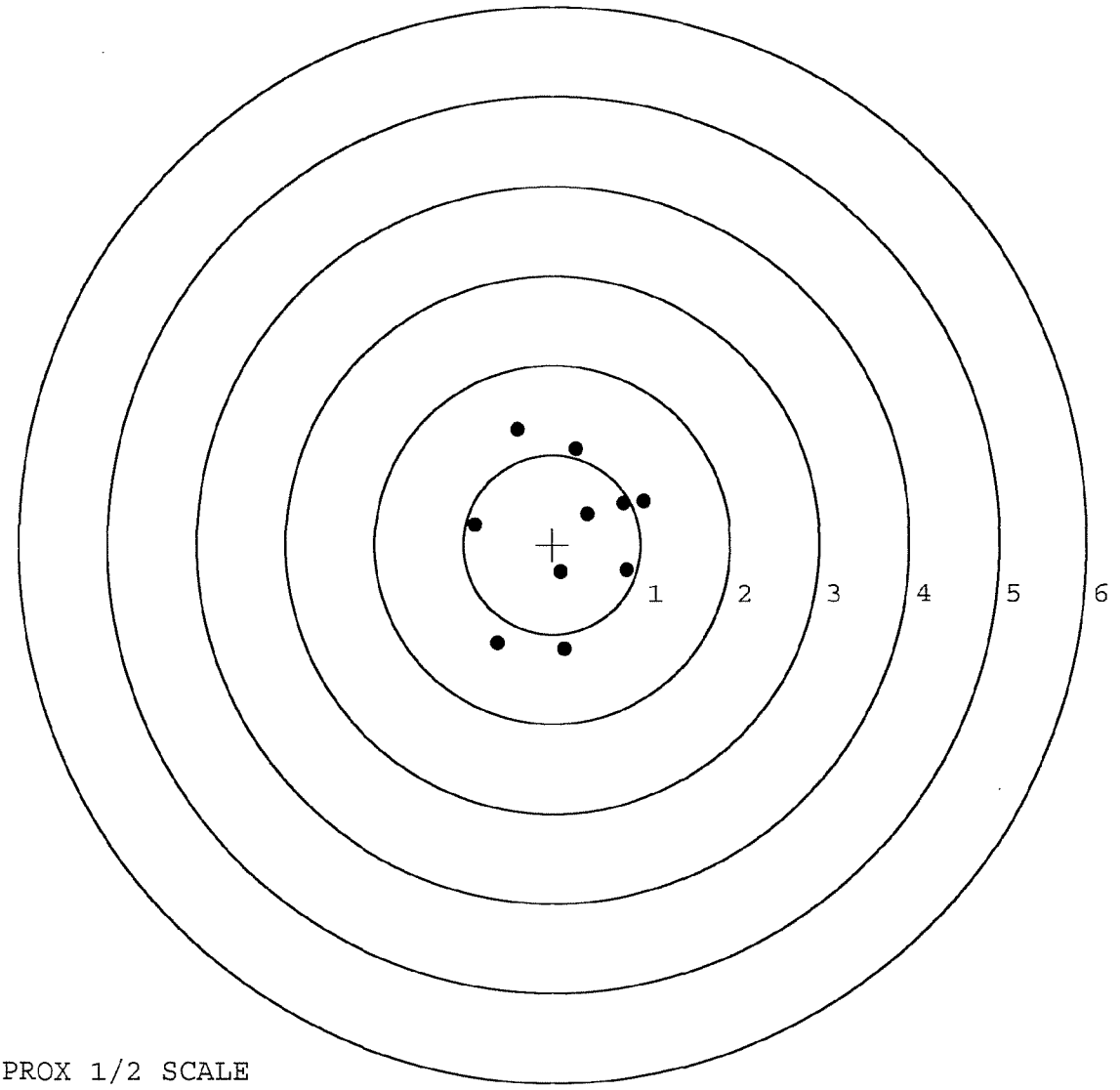



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410284.__0
TARGET NUMBER: 4
FILE DATE: 09/07/2004
FILE TIME: 06:05

| | |
|---|---|
| X CENTROID: | 0.166 |
| Y CENTROID: | 0.098 |
| POA TO CENTROID: | 0.193 |
| HORZ SPREAD: | 1.895 |
| VERT SPREAD: | 2.444 |
| GROUP SPREAD: | 2.386 |
| MIN RADIUS: | 0.333 |
| MAX RADIUS: | 1.435 |
| MEAN RADIUS: | 0.922 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 6 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.140 | -1.169 |
| 2: | -0.623 | -1.101 |
| 3: | 0.094 | -0.310 |
| 4: | 0.834 | -0.289 |
| 5: | 1.027 | 0.481 |
| 6: | 0.803 | 0.465 |
| 7: | 0.391 | 0.344 |
| 8: | -0.868 | 0.223 |
| 9: | 0.266 | 1.063 |
| 10: | -0.405 | 1.275 |

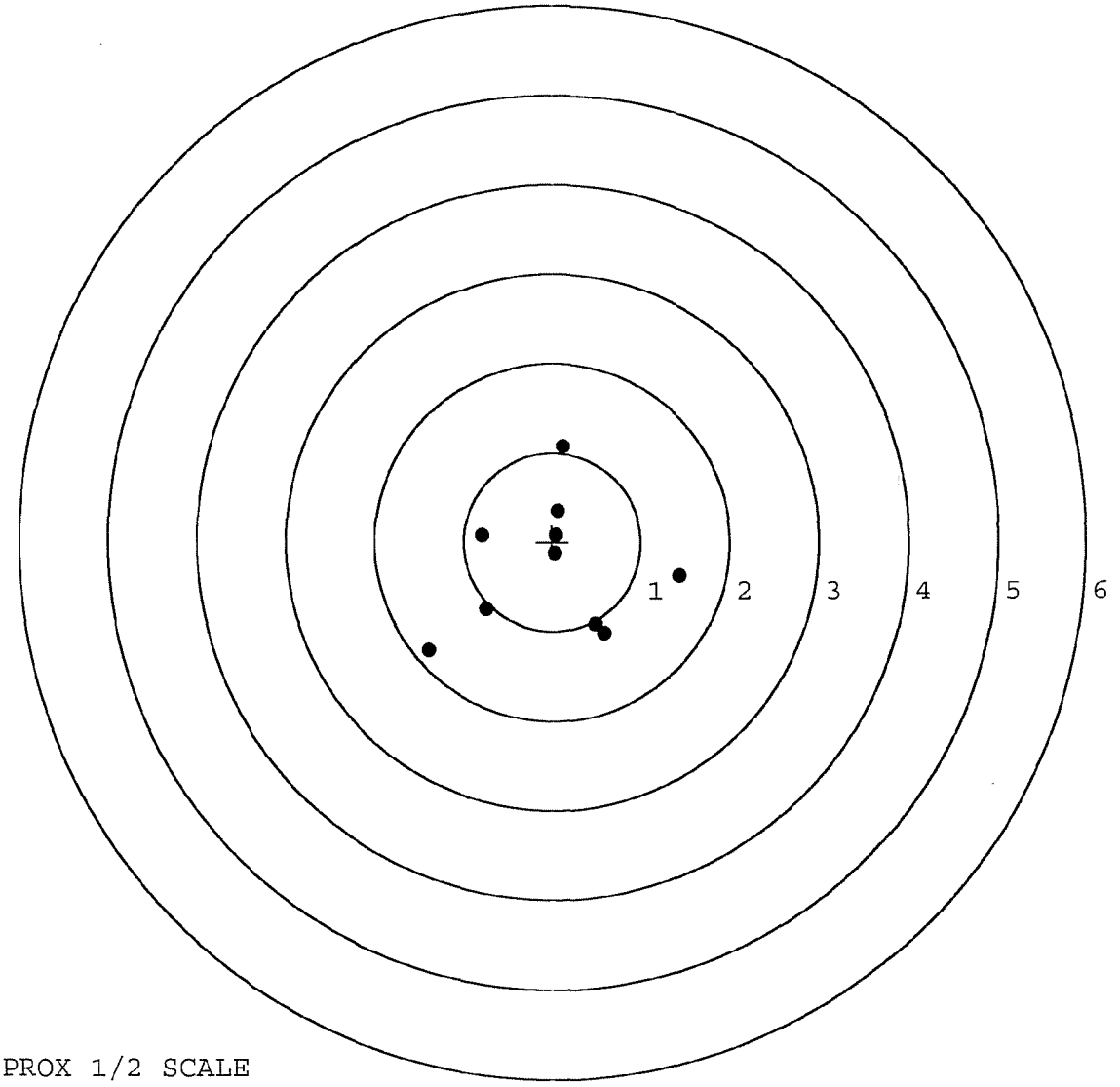



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410284.__0
TARGET NUMBER: 5
FILE DATE: 09/07/2004
FILE TIME: 06:05

| | |
|---|---|
| X CENTROID: | -0.016 |
| Y CENTROID: | -0.287 |
| POA TO CENTROID: | 0.287 |
| HORZ SPREAD: | 2.825 |
| VERT SPREAD: | 2.297 |
| GROUP SPREAD: | 2.948 |
| MIN RADIUS: | 0.166 |
| MAX RADIUS: | 1.662 |
| MEAN RADIUS: | 0.916 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 7 |
| # in 3 IN DIAMETER: | 9 |

| POINT# | X | Y |
|---|---|---|
| 1: | 1.438 | -0.384 |
| 2: | 0.591 | -1.027 |
| 3: | 0.483 | -0.923 |
| 4: | -0.750 | -0.759 |
| 5: | -1.387 | -1.226 |
| 6: | -0.793 | 0.075 |
| 7: | 0.123 | 1.071 |
| 8: | 0.065 | 0.353 |
| 9: | 0.041 | 0.079 |
| 10: | 0.028 | -0.127 |




TARGET APPROX 1/2 SCALE