9662354

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

- INSTUCTION BOOK 3518

DD FORM

proof of purchase

owner registration sticker

| | |
|---|---|
| ORDER NO. | 25716 |
| BARREL LENGTH | 24" |
| CAPACITY | 6 |

**G6623541**

UPC

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
UPC

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
UPC

SERIAL NO.

# M-24
## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6623541

| OP # | OPERATION NAME | READINGS | DATE | INITIAL |
|---|---|---|---|---|
| 410 | SERIALIZE BOLT HANDLE | | 11-28-06 | BLG |
| 420 | ASSEMBLE ACTION | | 11-28-06 | BLG |
| 430 | ASSEMBLE TO STOCK | | 11-30-06 | RP |
| 440 | PROOF | MAGNA-FLUX INSPECTED DEC 01 2006 | 11-30-06 | TRW |
| 460 | CHECK HEADSPACE | | 11-30-06 | TRW |
| 470 | DIS-ASSEMBLE ACTION | | 11-30-06 | BLG |
| 480 | MAGNAFLUX BBL ACTION | OPERATOR APD | 12-01-06 | APD |
| 490 | MAGNAFLUX BOLT | | | |
| 500 | ROLLMARK CALIBER | | 12-06 | CW |
| 510 | DRILL AND TAP SIGHT HOLES | | 11-30-06 | SD |
| 520 | GOFF BLAST BBL / REC | | 12/1/06 | |
| 530 & 540 | APPLY COATINGS (BARREL ACTION) | | | |
| | (BOLT) | | 12/12/06 | |
| 560 | RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY | | 12-13-06 | DA |
| | B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD | | 12-13-06 | DA |
| | C) INSPECT EJECTOR HOLE FOR CHAMFER | | 12-13-06 | DA |
| | D) OIL FIRING PIN ASSEMBLY | | 12-14-06 | |
| | E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS | | | |

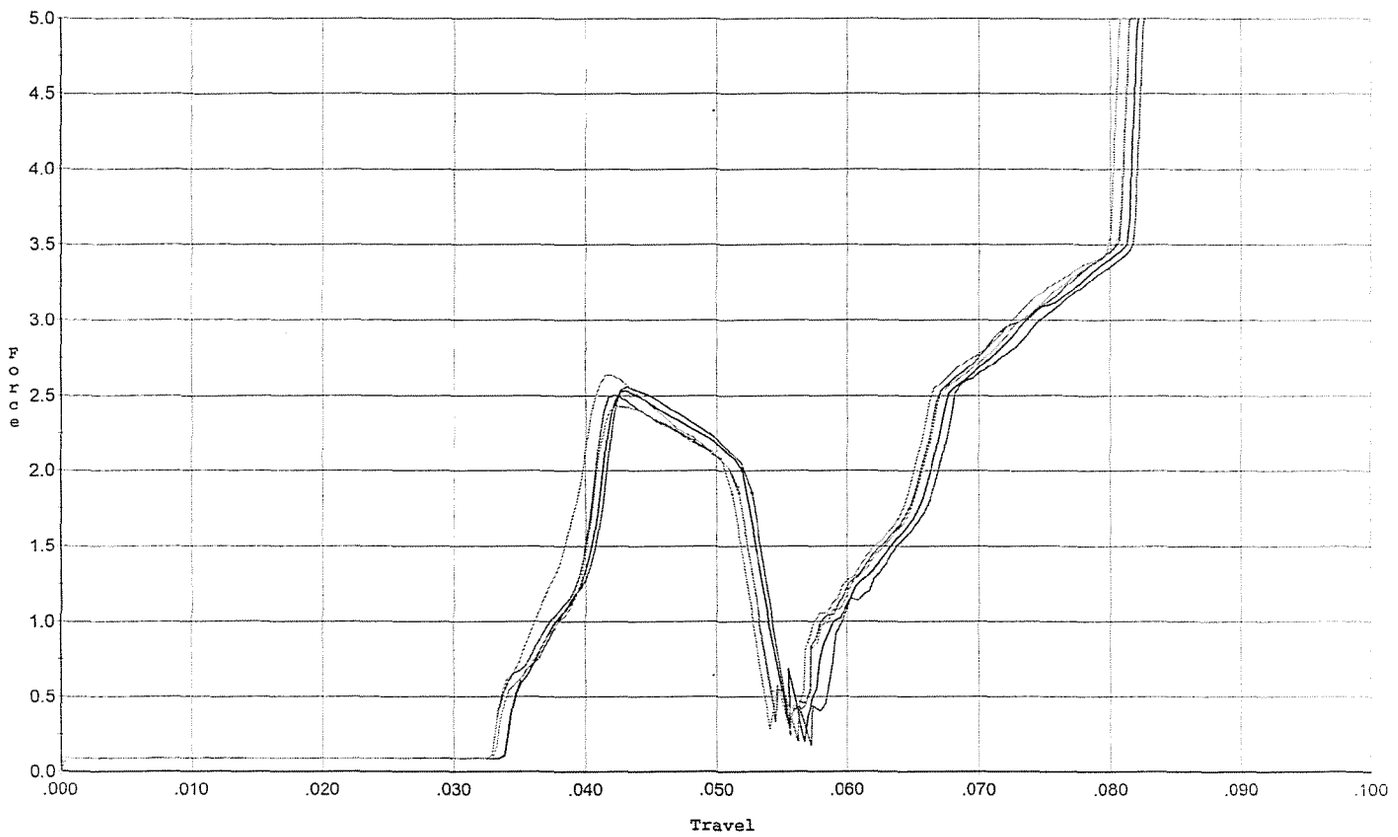
F004 REV 5/2006

| OP # | OPERATION NAME | READINGS | DATE | INITIAL |
|---|---|---|---|---|
| | BARBER - M24 0140942 | | | |
| 560 | F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX] | 5.5 5.0 5.5 | 1-5-07 | MOM |
| CONT. | G) SAFETY OFF FORCE [2 LBS MIN] | 3.0 3.0 3.0 | 1-5-07 | MOM |
| | H) TRIGGER PULL TEST AND RETAINABILITY | | | |
| | I) FIRING PIN INDENT [.020 MIN] | .025 .026 .026 | 1-5-07 | MOM |
| | J) ASSEMBLE STOCK | | 12-14-06 | L.P.D. |
| | K) ASSEMBLE SWIVEL STUDS | | 1-5-07 | L.P.D. |
| | L) ATTACH FRONT AND REAR SIGHT ASSY'S | | 1-5-07 | L.P.D. |
| | M) IRON SIGHT ALIGNMENT | | 1-5-07 | L.P.D. |
| | N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER | | 1-5-07 | L.P.D. |
| 640 & | FUNCTION TEST AND | (PASS) FAIL | | |
| 650 | TARGET | (PASS) FAIL | 12.19-06 | RP |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION N/A | | |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | | |
| 660 | INSPECT FOR LIVE AMMO | | 12-19-06 | TRW |
| 670 | FINAL INSPECTION A) HEADSPACE | | 1-5-07 | L.P.D. |
| | B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS] | 272 274 243 239 2.49 | 1-5-07 | MOM |
| | C) FUNCTION | | 1-5-07 | L.P.D. |
| 690 | PACK | | 1-23-07 | DM |

F004 REV 5/2006

# Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | 2.5 lbs. ini. |
| Note: | R. Putch 12/8/06 | | |



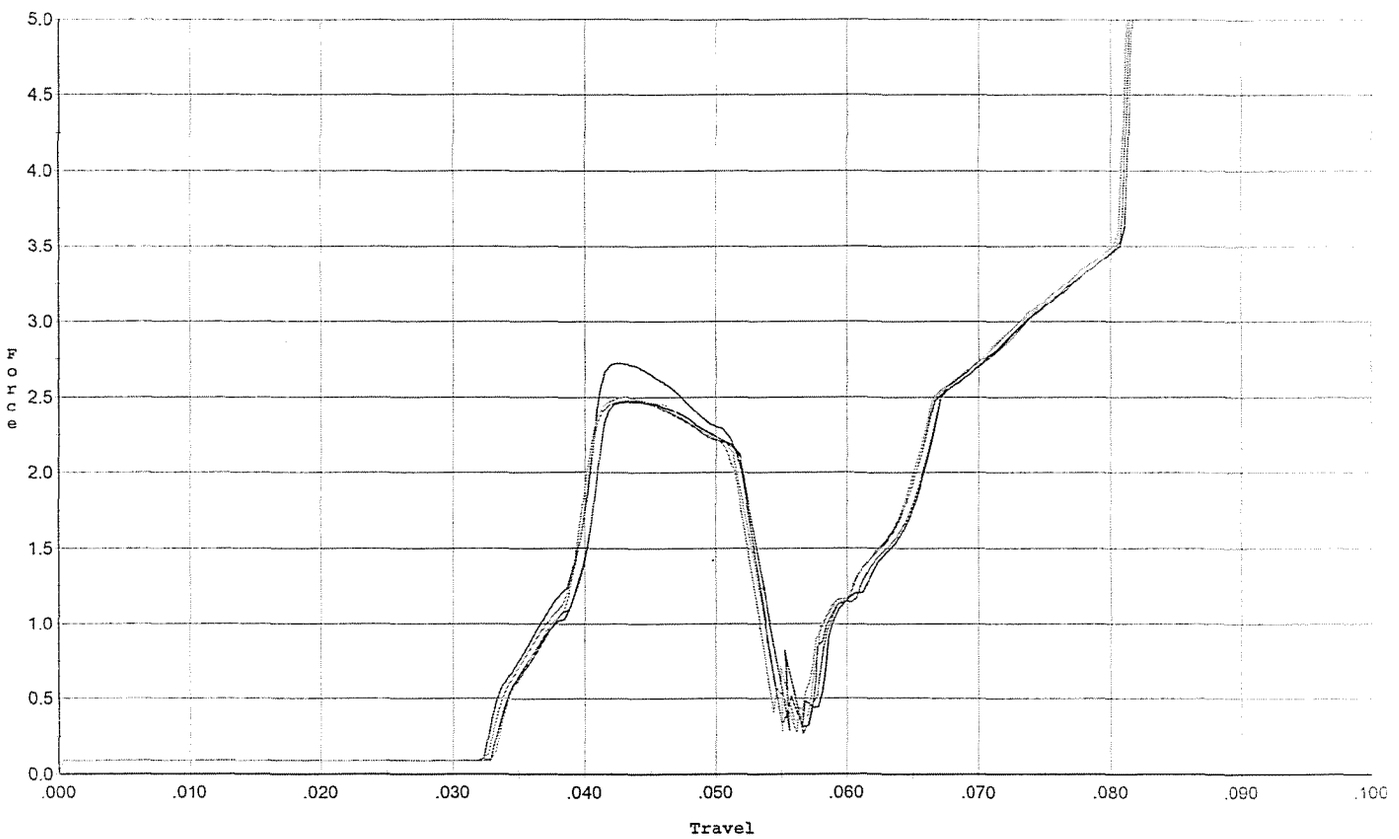

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.558 | 0.053 | 0.034 | 0.036 | 0.037 | | Set Trigger |
| 2 | 2.530 | 0.052 | 0.034 | 0.036 | 0.036 | | Set Trigger |
| 3 | 2.505 | 0.052 | 0.033 | 0.036 | 0.036 | | Set Trigger |
| 4 | 2.431 | 0.052 | 0.033 | 0.036 | 0.035 | | Set Trigger |
| 5 | 2.636 | 0.051 | 0.033 | 0.035 | 0.038 | | Set Trigger |

Avg 2.53

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/8/2006 11:04:46 AM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | 2.5 lbs. after 50 cycles |
| Note: | R. Putch 12/8/06 | | |



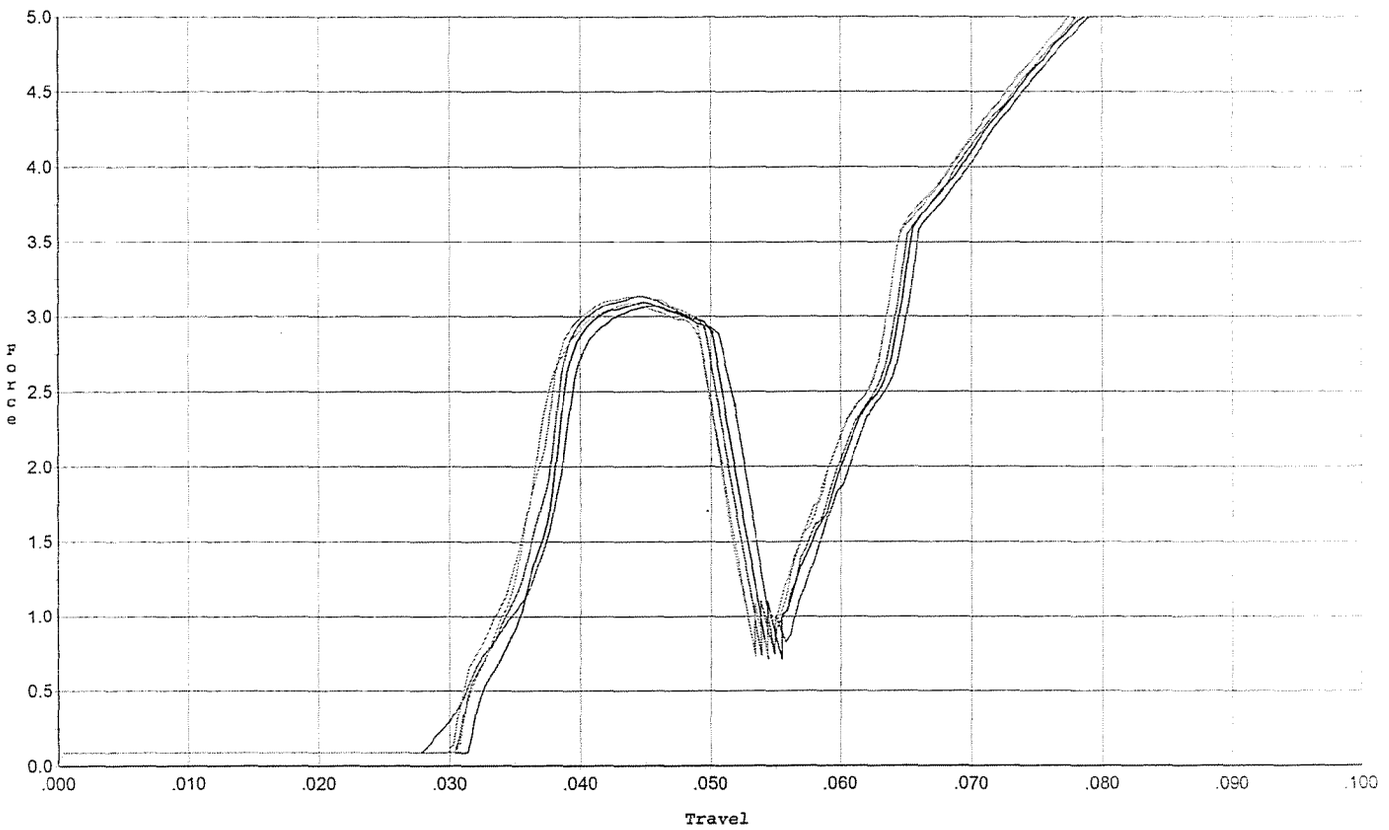

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.723 | 0.052 | 0.033 | 0.035 | 0.041 | | Set Trigger |
| 2 | 2.477 | 0.054 | 0.033 | 0.035 | 0.039 | | Set Trigger |
| 3 | 2.469 | 0.054 | 0.033 | 0.035 | 0.039 | | Set Trigger |
| 4 | 2.484 | 0.053 | 0.033 | 0.035 | 0.039 | | Set Trigger |
| 5 | 2.504 | 0.051 | 0.033 | 0.035 | 0.037 | | Set Trigger |

Avg 2.53

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/8/2006 11:08:03 AM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | 3.0 lbs. ini. |
| Note: | R. Putch 12/8/06 | | |

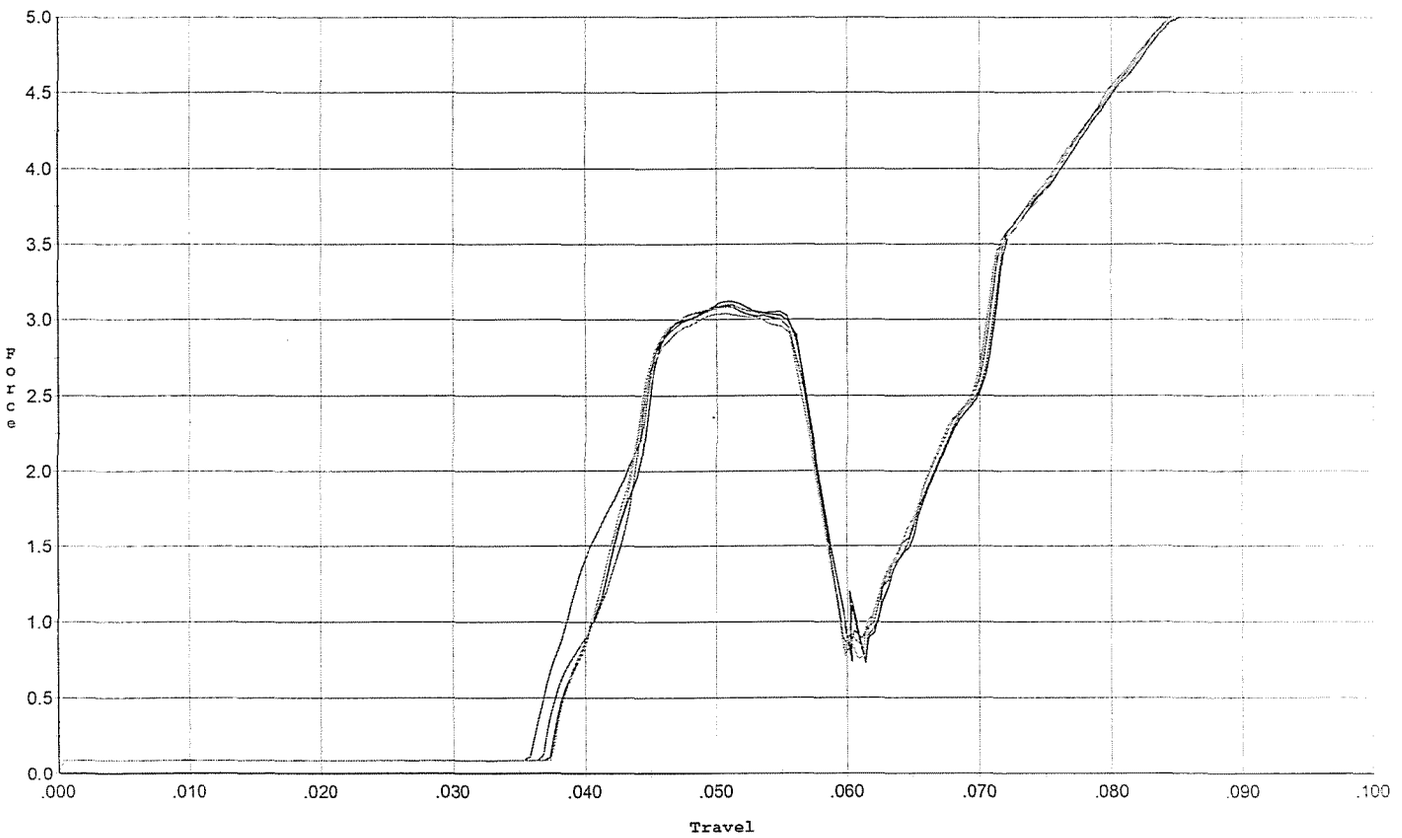



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.069 | 0.052 | 0.030 | 0.033 | 0.051 | | Set Trigger |
| 2 | 3.096 | 0.050 | 0.032 | 0.034 | 0.047 | | Set Trigger |
| 3 | 3.136 | 0.050 | 0.031 | 0.033 | 0.048 | | Set Trigger |
| 4 | 3.092 | 0.049 | 0.031 | 0.033 | 0.048 | | Set Trigger |
| 5 | 3.134 | 0.049 | 0.030 | 0.033 | 0.049 | | Set Trigger |

Avg 3.10

# Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | 3.0 lbs. after 20 cycles |
| **Note:** | R. Putch 12/8/06 | | |



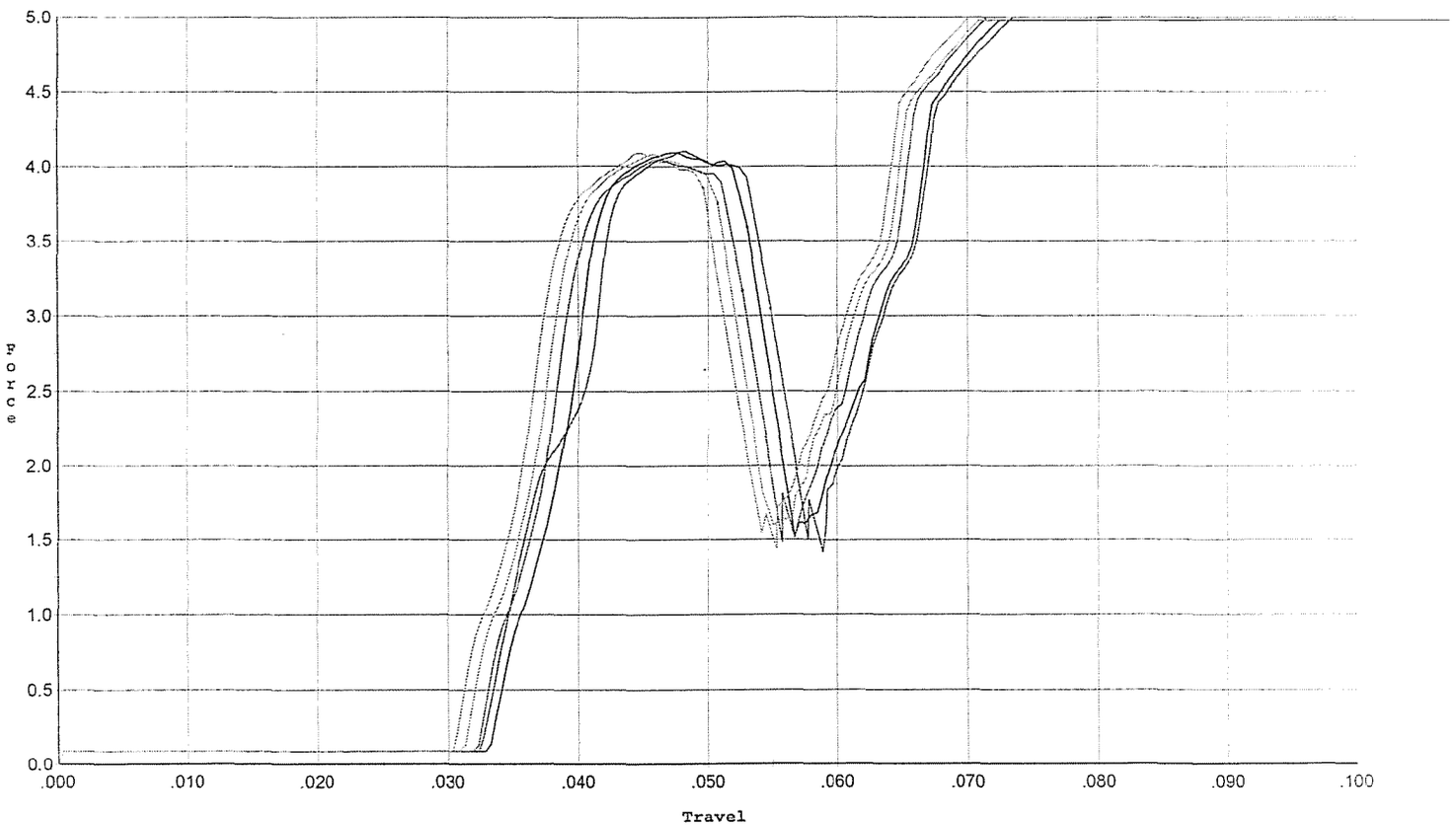

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.093 | 0.056 | 0.036 | 0.034 | 0.052 | | Set Trigger |
| 2 | 3.122 | 0.056 | 0.038 | 0.035 | 0.049 | | Set Trigger |
| 3 | 3.100 | 0.057 | 0.037 | 0.034 | 0.050 | | Set Trigger |
| 4 | 3.086 | 0.057 | 0.038 | 0.034 | 0.051 | | Set Trigger |
| 5 | 3.037 | 0.057 | 0.038 | 0.034 | 0.050 | | Set Trigger |

Avg 3.08

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/8/2006 11:20:19 AM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | *Remington* | **Trigger:** | 4.0 lbs. ini. |
| **Note:** | R. Putch 12/8/06 | | |



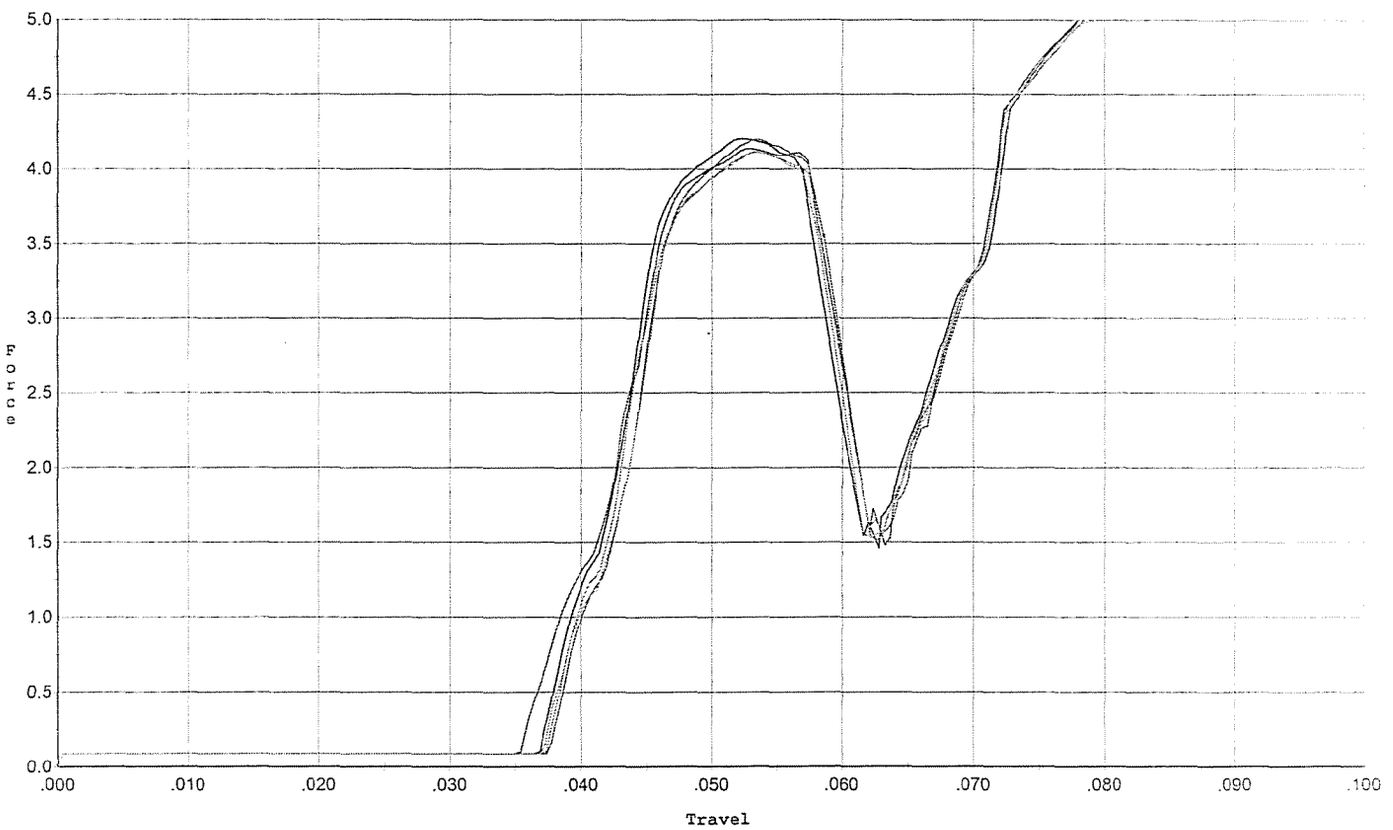

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.103 | 0.055 | 0.033 | 0.031 | 0.071 | | Set Trigger |
| 2 | 4.092 | 0.053 | 0.034 | 0.031 | 0.067 | | Set Trigger |
| 3 | 4.044 | 0.053 | 0.033 | 0.031 | 0.067 | | Set Trigger |
| 4 | 4.083 | 0.051 | 0.032 | 0.032 | 0.065 | | Set Trigger |
| 5 | 4.093 | 0.050 | 0.031 | 0.032 | 0.065 | | Set Trigger |

Avg 4.08

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/8/2006 11:22:45 AM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | 4.0 lbs. after 20 cycles |
| Note: | R. Putch 12/8/06 | | |



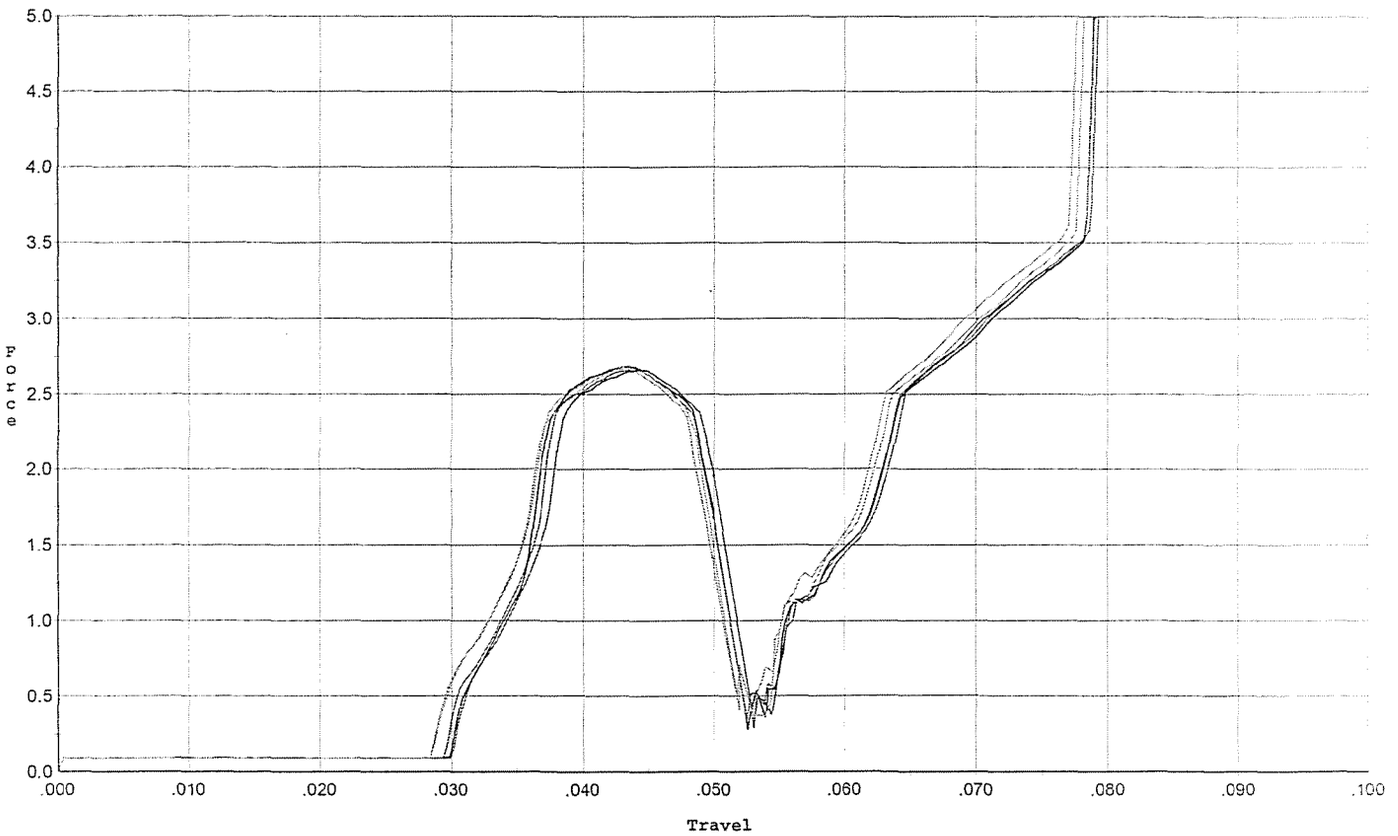

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.135 | 0.060 | 0.036 | 0.031 | 0.075 | | Set Trigger |
| 2 | 4.202 | 0.057 | 0.037 | 0.032 | 0.069 | | Set Trigger |
| 3 | 4.199 | 0.059 | 0.038 | 0.032 | 0.070 | | Set Trigger |
| 4 | 4.115 | 0.057 | 0.037 | 0.032 | 0.068 | | Set Trigger |
| 5 | 4.111 | 0.058 | 0.038 | 0.032 | 0.069 | | Set Trigger |

Avg 4.15

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/8/2006 11:25:29 AM

# Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | reset to 2.5 lbs. for final test |
| Note: | R. Putch 12/8/06 | | |



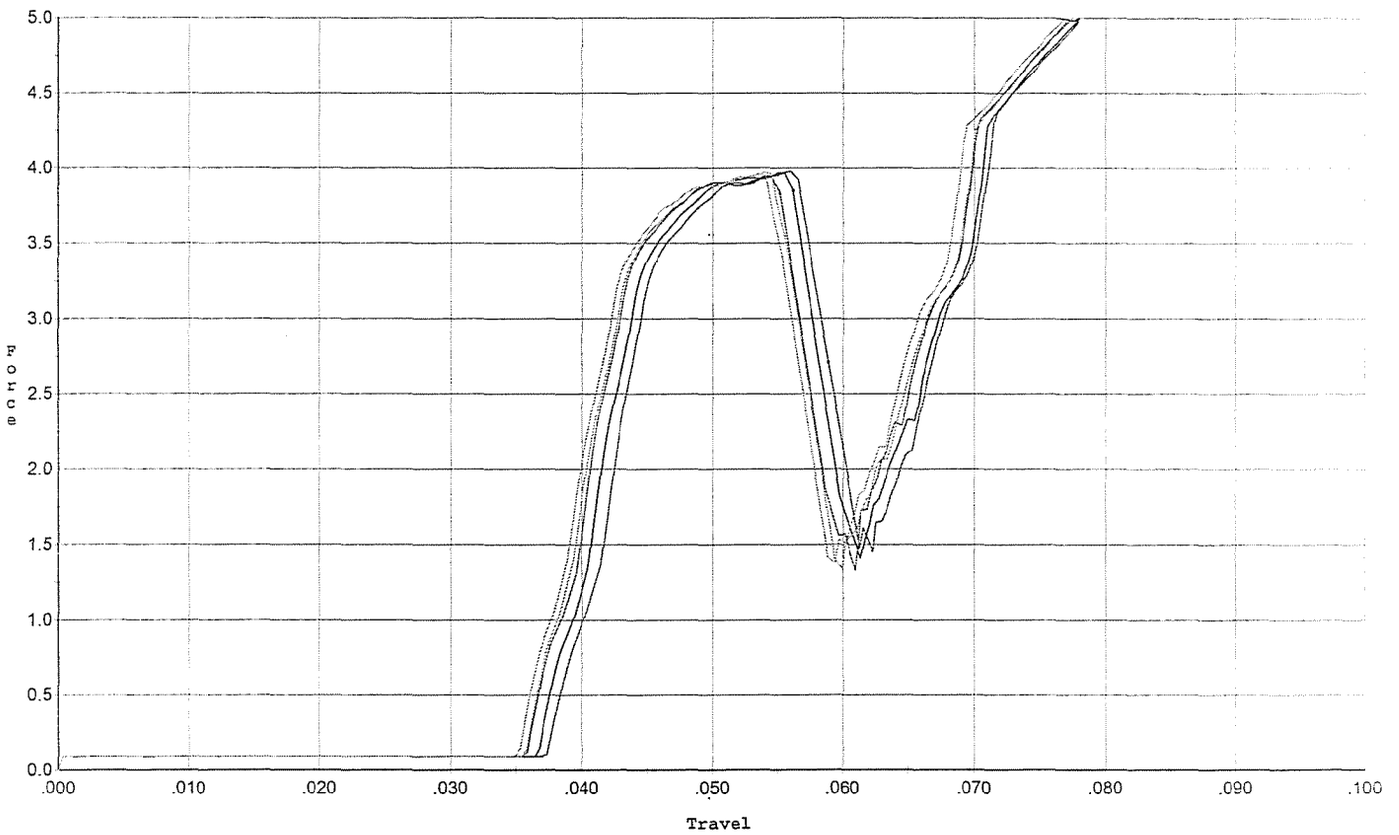

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.660 | 0.050 | 0.030 | 0.034 | 0.042 | | Set Trigger |
| 2 | 2.682 | 0.050 | 0.030 | 0.035 | 0.042 | | Set Trigger |
| 3 | 2.665 | 0.050 | 0.030 | 0.035 | 0.042 | | Set Trigger |
| 4 | 2.688 | 0.049 | 0.029 | 0.034 | 0.042 | | Set Trigger |
| 5 | 2.669 | 0.050 | 0.029 | 0.034 | 0.043 | | Set Trigger |

Avg 2.67

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/8/2006 11:32:38 AM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | set to 4.0 lbs. for target & accuracy |
| Note: | R. Putch 12/8/06 | | |




| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.978 | 0.059 | 0.038 | 0.031 | 0.068 | | Set Trigger |
| 2 | 3.969 | 0.056 | 0.037 | 0.032 | 0.065 | | Set Trigger |
| 3 | 3.949 | 0.055 | 0.036 | 0.032 | 0.065 | | Set Trigger |
| 4 | 3.970 | 0.056 | 0.036 | 0.032 | 0.066 | | Set Trigger |
| 5 | 3.964 | 0.055 | 0.035 | 0.032 | 0.066 | | Set Trigger |

Aug 3.96

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/8/2006 11:35:53 AM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6623541.__0
FILE DATE AND TIME: 12/19/2006 22:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

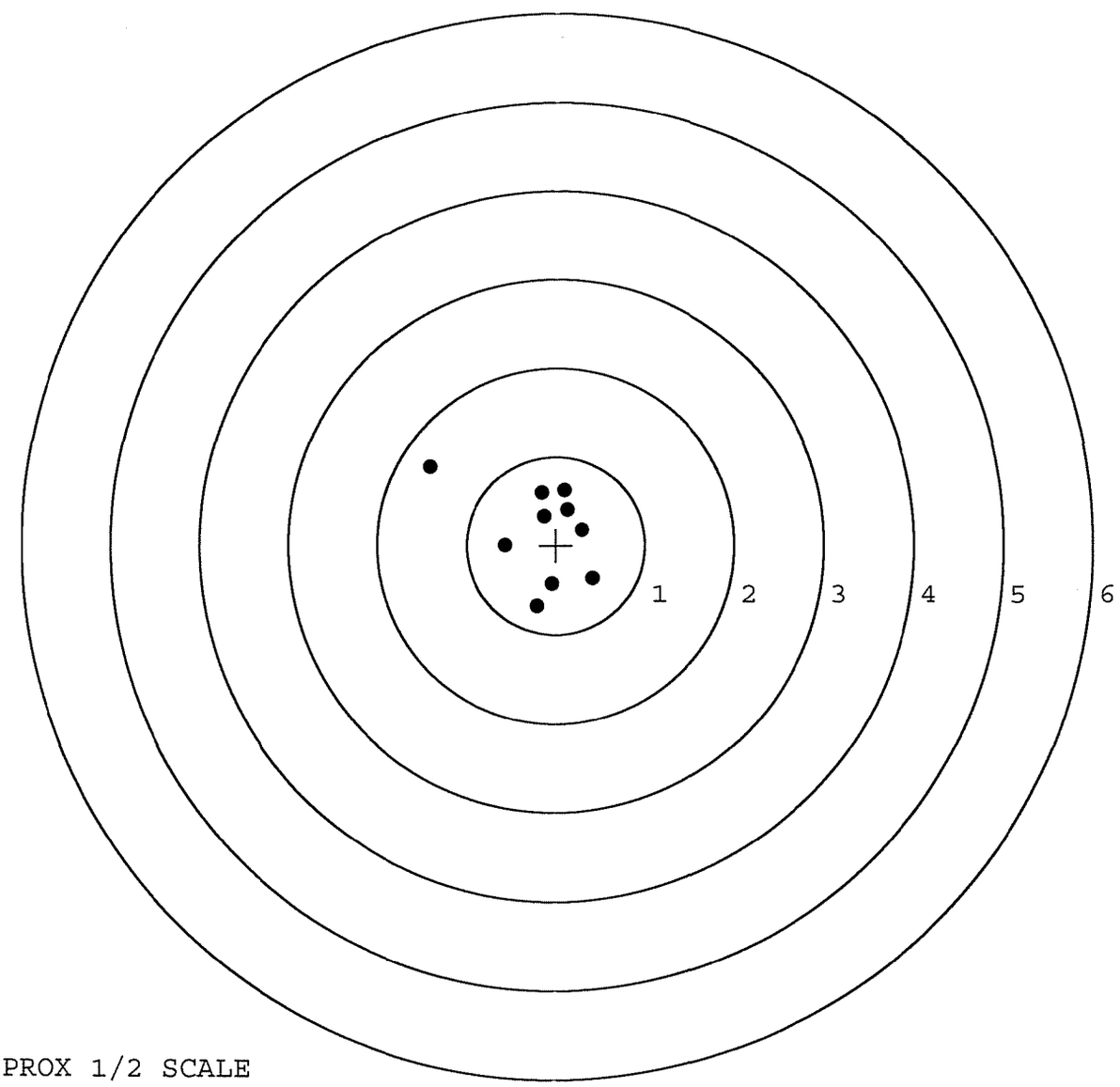
| | |
|---|---|
| The Average X Centroid of the Five Target Set: | -0.051 |
| The Average Y Centroid of the Five Target Set: | -0.067 |
| The Average Point of Impact of the Five Target Set: | 0.084 |
| The Average Mean Radius of the Five Target Set: | 0.609 |
| The Distance from POA to Centroid Target #1: | 0.218 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.485 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.310 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.458 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.297 |

**BARBER - M24 0140952**

SERIAL NUMBER: G6623541.__0
TARGET NUMBER: 1
FILE DATE: 12/19/2006
FILE TIME: 22:59

| | |
|---|---|
| X CENTROID: | -0.160 |
| Y CENTROID: | 0.148 |
| POA TO CENTROID: | 0.218 |
| HORZ SPREAD: | 1.824 |
| VERT SPREAD: | 1.585 |
| GROUP SPREAD: | 2.223 |
| MIN RADIUS: | 0.178 |
| MAX RADIUS: | 1.454 |
| MEAN RADIUS: | 0.610 |
| # IN 1 IN DIAMETER: | 5 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -1.409 | 0.892 |
| 2: | -0.570 | -0.003 |
| 3: | -0.215 | -0.693 |
| 4: | -0.049 | -0.437 |
| 5: | 0.415 | -0.378 |
| 6: | 0.299 | 0.172 |
| 7: | 0.129 | 0.395 |
| 8: | -0.139 | 0.325 |
| 9: | 0.098 | 0.615 |
| 10: | -0.162 | 0.591 |



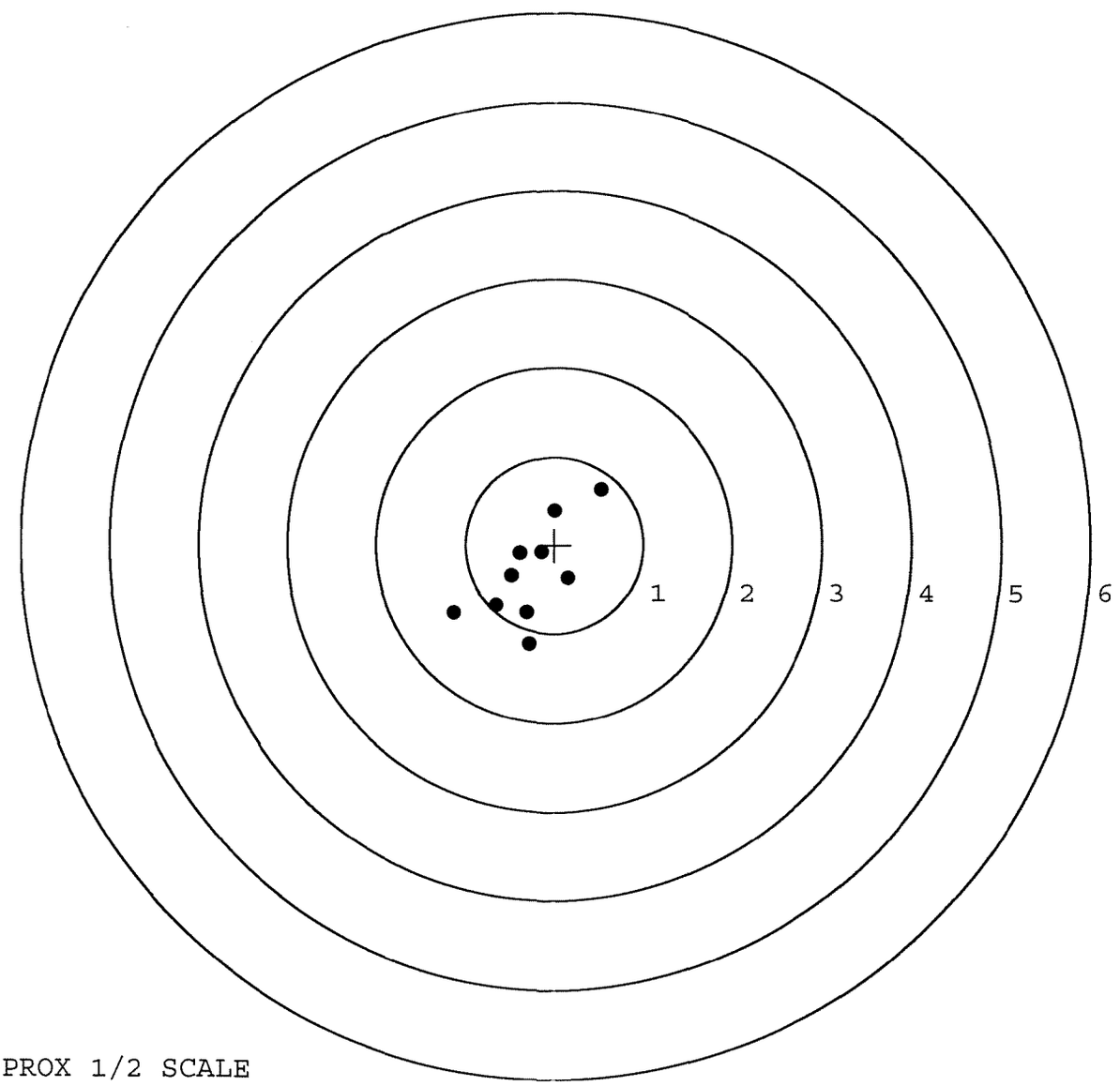

TARGET APPROX 1/2 SCALE

**BARBER - M24 0140953**

SERIAL NUMBER: G6623541.__0
TARGET NUMBER: 2
FILE DATE: 12/19/2006
FILE TIME: 22:59

| | |
|---|---|
| X CENTROID: | -0.271 |
| Y CENTROID: | -0.324 |
| POA TO CENTROID: | 0.422 |
| HORZ SPREAD: | 1.661 |
| VERT SPREAD: | 1.741 |
| GROUP SPREAD: | 2.167 |
| MIN RADIUS: | 0.211 |
| MAX RADIUS: | 1.239 |
| MEAN RADIUS: | 0.591 |
| # IN 1 IN DIAMETER: | 5 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.004 | 0.392 |
| 2: | 0.531 | 0.620 |
| 3: | 0.150 | -0.374 |
| 4: | -0.281 | -1.121 |
| 5: | -1.130 | -0.771 |
| 6: | -0.653 | -0.690 |
| 7: | -0.307 | -0.772 |
| 8: | -0.480 | -0.349 |
| 9: | -0.389 | -0.096 |
| 10: | -0.150 | -0.084 |



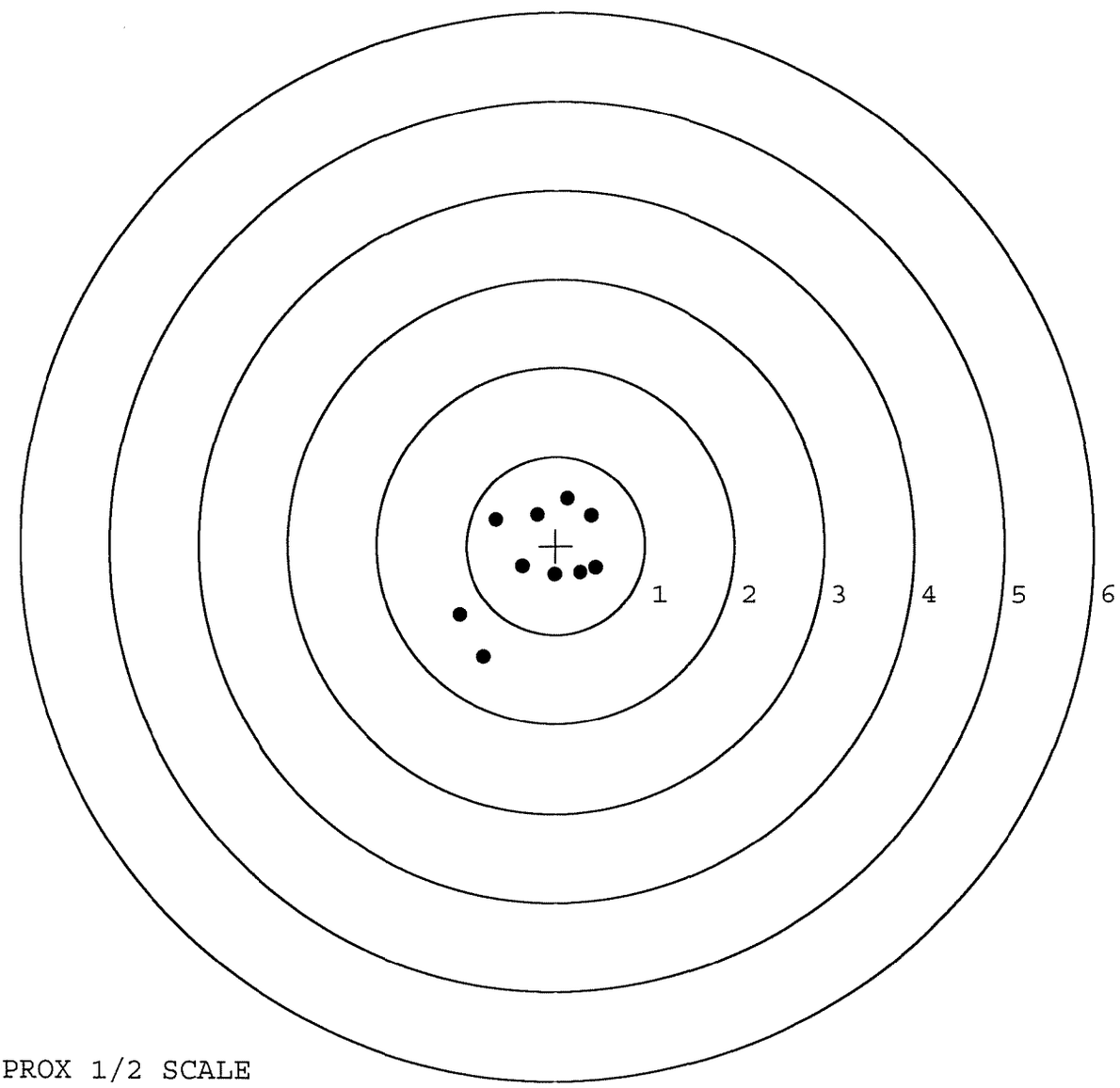

TARGET APPROX 1/2 SCALE

**BARBER - M24 0140954**

SERIAL NUMBER: G6623541.__0
TARGET NUMBER: 3
FILE DATE: 12/19/2006
FILE TIME: 22:59

| | |
|---|---|
| X CENTROID: | -0.191 |
| Y CENTROID: | -0.160 |
| POA TO CENTROID: | 0.250 |
| HORZ SPREAD: | 1.524 |
| VERT SPREAD: | 1.781 |
| GROUP SPREAD: | 2.014 |
| MIN RADIUS: | 0.200 |
| MAX RADIUS: | 1.252 |
| MEAN RADIUS: | 0.662 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -1.077 | -0.775 |
| 2: | -0.812 | -1.248 |
| 3: | -0.672 | 0.299 |
| 4: | -0.379 | -0.228 |
| 5: | -0.016 | -0.326 |
| 6: | 0.276 | -0.301 |
| 7: | 0.447 | -0.247 |
| 8: | 0.404 | 0.336 |
| 9: | 0.128 | 0.533 |
| 10: | -0.210 | 0.352 |



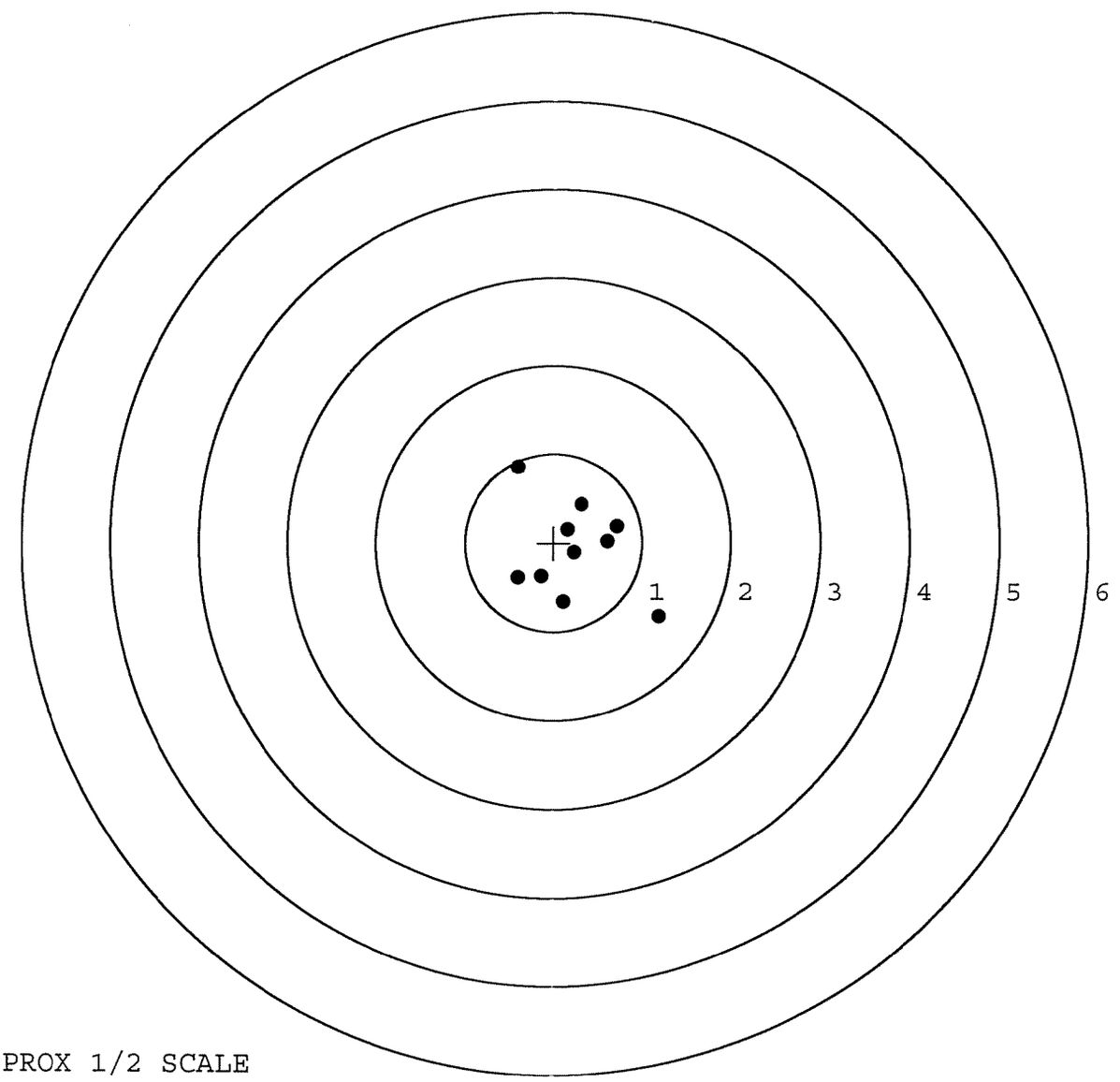

TARGET APPROX 1/2 SCALE

**BARBER - M24 0140955**

SERIAL NUMBER: G6623541.__0
TARGET NUMBER: 4
FILE DATE: 12/19/2006
FILE TIME: 22:59

| | |
|---|---|
| X CENTROID: | 0.239 |
| Y CENTROID: | -0.075 |
| POA TO CENTROID: | 0.251 |
| HORZ SPREAD: | 1.594 |
| VERT SPREAD: | 1.689 |
| GROUP SPREAD: | 2.322 |
| MIN RADIUS: | 0.034 |
| MAX RADIUS: | 1.221 |
| MEAN RADIUS: | 0.587 |
| # IN 1 IN DIAMETER: | 4 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.401 | 0.849 |
| 2: | 0.320 | 0.430 |
| 3: | 0.719 | -0.184 |
| 4: | 0.607 | 0.019 |
| 5: | 0.159 | 0.152 |
| 6: | 0.231 | -0.108 |
| 7: | -0.402 | -0.389 |
| 8: | -0.142 | -0.379 |
| 9: | 0.111 | -0.673 |
| 10: | 1.192 | -0.840 |



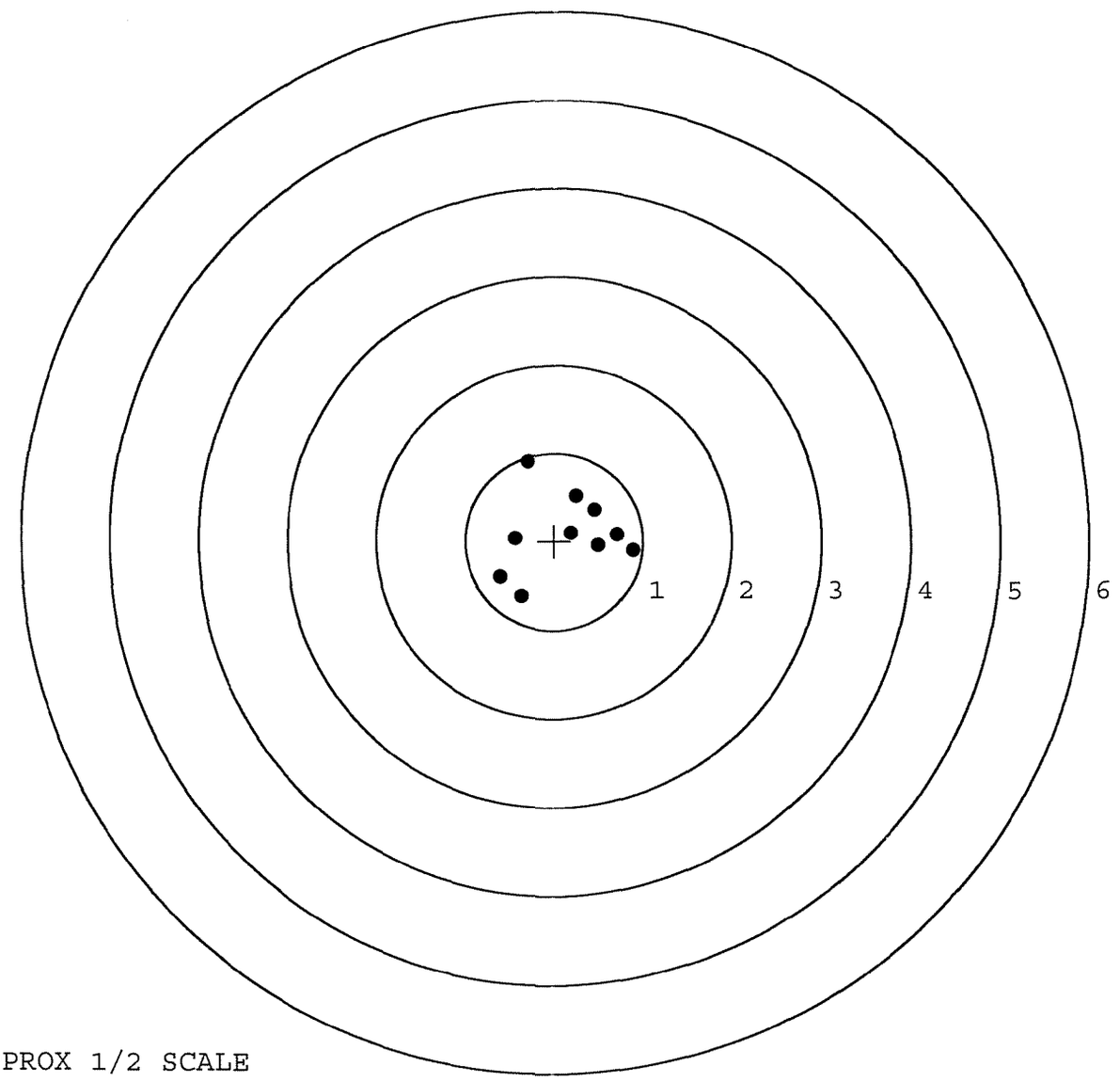

TARGET APPROX 1/2 SCALE

**BARBER - M24 0140956**

SERIAL NUMBER: G6623541.__0
TARGET NUMBER: 5
FILE DATE: 12/19/2006
FILE TIME: 22:59

| | |
|---|---|
| X CENTROID: | 0.127 |
| Y CENTROID: | 0.076 |
| POA TO CENTROID: | 0.148 |
| HORZ SPREAD: | 1.502 |
| VERT SPREAD: | 1.521 |
| GROUP SPREAD: | 1.560 |
| MIN RADIUS: | 0.066 |
| MAX RADIUS: | 0.927 |
| MEAN RADIUS: | 0.595 |
| # IN 1 IN DIAMETER: | 4 |
| # IN 2 IN DIAMETER: | 10 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.298 | 0.900 |
| 2: | 0.248 | 0.508 |
| 3: | 0.458 | 0.350 |
| 4: | 0.192 | 0.088 |
| 5: | 0.498 | -0.057 |
| 6: | 0.710 | 0.072 |
| 7: | 0.892 | -0.108 |
| 8: | -0.370 | -0.621 |
| 9: | -0.610 | -0.406 |
| 10: | -0.446 | 0.033 |




TARGET APPROX 1/2 SCALE