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

– INSTUCTION BOOK 3518

**BM FORM**

proof of purchase
0 47700 25716 7
G6680320

owner registration sticker
0 47700 25716 7
G6680320

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

**G6680320**

UPC
0 47700 25716 7

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.

**BARBER - M24 0175173** INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6680320

| OP # | OPERATION NAME | READINGS | DATE | INITIAL |
|---|---|---|---|---|
| 410 | SERIALIZE BOLT HANDLE | | 8/13/07 | |
| 420 | ASSEMBLE ACTION | | 8-10-07 | SD |
| 430 | ASSEMBLE TO STOCK | | 8/10/07 | |
| 440 | PROOF | | 8/10/07 | |
| 460 | CHECK HEADSPACE | | 8/10/07 | |
| 470 | DIS-ASSEMBLE ACTION | | 8/13/07 | |
| 480 | MAGNAFLUX BBL ACTION | OPERATOR JRS | 8/15/07 | JRS |
| 490 | MAGNAFLUX BOLT | | | |
| 500 | ROLLMARK CALIBER | | 8-14-07 | CW |
| 510 | DRILL AND TAP SIGHT HOLES | | 8-14-07 | TRW |
| 520 | GOFF BLAST BBL / REC | | 8-15-07 | |
| 530 & 540 | APPLY COATINGS (BARREL ACTION) | | | |
| | (BOLT) | | 8/22/07 | |
| 560 | RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY | | 8-22-07 | SD |
| | B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD | | 8-22-07 | SD |
| | C) INSPECT EJECTOR HOLE FOR CHAMFER | | 8-22-07 | SD |
| | D) OIL FIRING PIN ASSEMBLY | | 9/6/07 | |
| | E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS | | | |

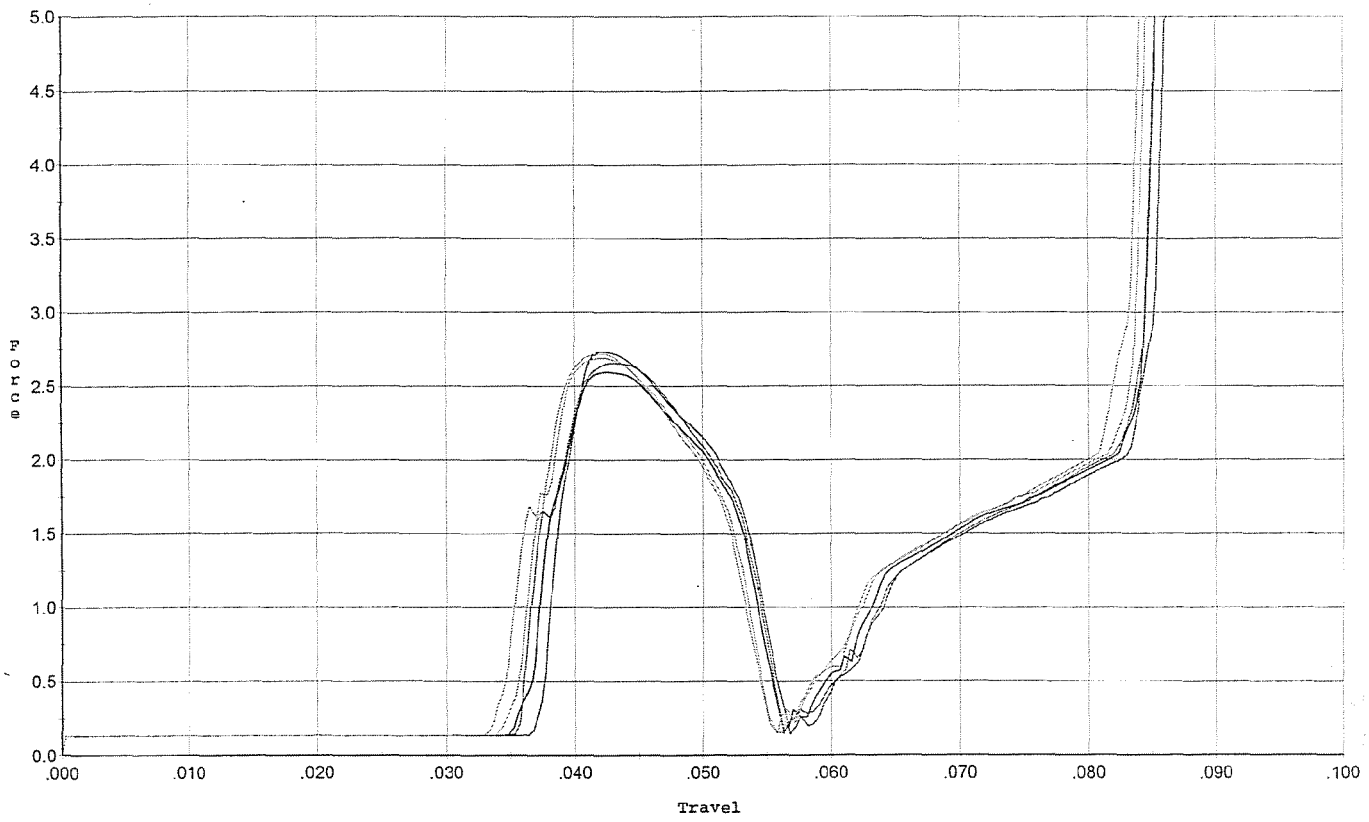
F004 REV 5/2006

| OP # | OPERATION NAME | READINGS | DATE | INITIAL |
|---|---|---|---|---|
| | BARBER - M24 0175174 | | | |
| 560 | F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX] | 6.25 5.75 5.75 | 9/5/07 | [illegible] |
| CONT. | G) SAFETY OFF FORCE [2 LBS MIN] | 5.0 4.50 4.25 | 9/5/07 | [illegible] |
| | H) TRIGGER PULL TEST AND RETAINABILITY | | 9/5/07 | [illegible] |
| | I) FIRING PIN INDENT [.020 MIN] | .023 .022 .023 | 9/5/07 | [illegible] |
| | J) ASSEMBLE STOCK | | 9/6/07 | S.P.D. |
| | K) ASSEMBLE SWIVEL STUDS | | 9/5/07 | [illegible] |
| | L) ATTACH FRONT AND REAR SIGHT ASSY'S | | 9/6/07 | S.P.D. |
| | M) IRON SIGHT ALIGNMENT | | 9/6/07 | S.P.D. |
| | N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER | | 9/6/07 | S.P.D. |
| 640 & | FUNCTION TEST AND | (PASS) FAIL | | |
| 650 | TARGET | (PASS) FAIL | 8-30-07 | TRW |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION N/A | | |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | | |
| 660 | INSPECT FOR LIVE AMMO | | 8-30-07 | DK |
| 670 | FINAL INSPECTION A) HEADSPACE | | 9/5/07 | [illegible] |
| | B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS] | 2.31 2.25 2.21 2.22 2.24 | 8/31/07 | RP |
| | C) FUNCTION | | 9/5/07 | [illegible] |
| 690 | PACK | | 9-7-07 | DK |

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. +/- .50 lbs. |
| **Note:** | M. Mckinney 6/19/07 | | |



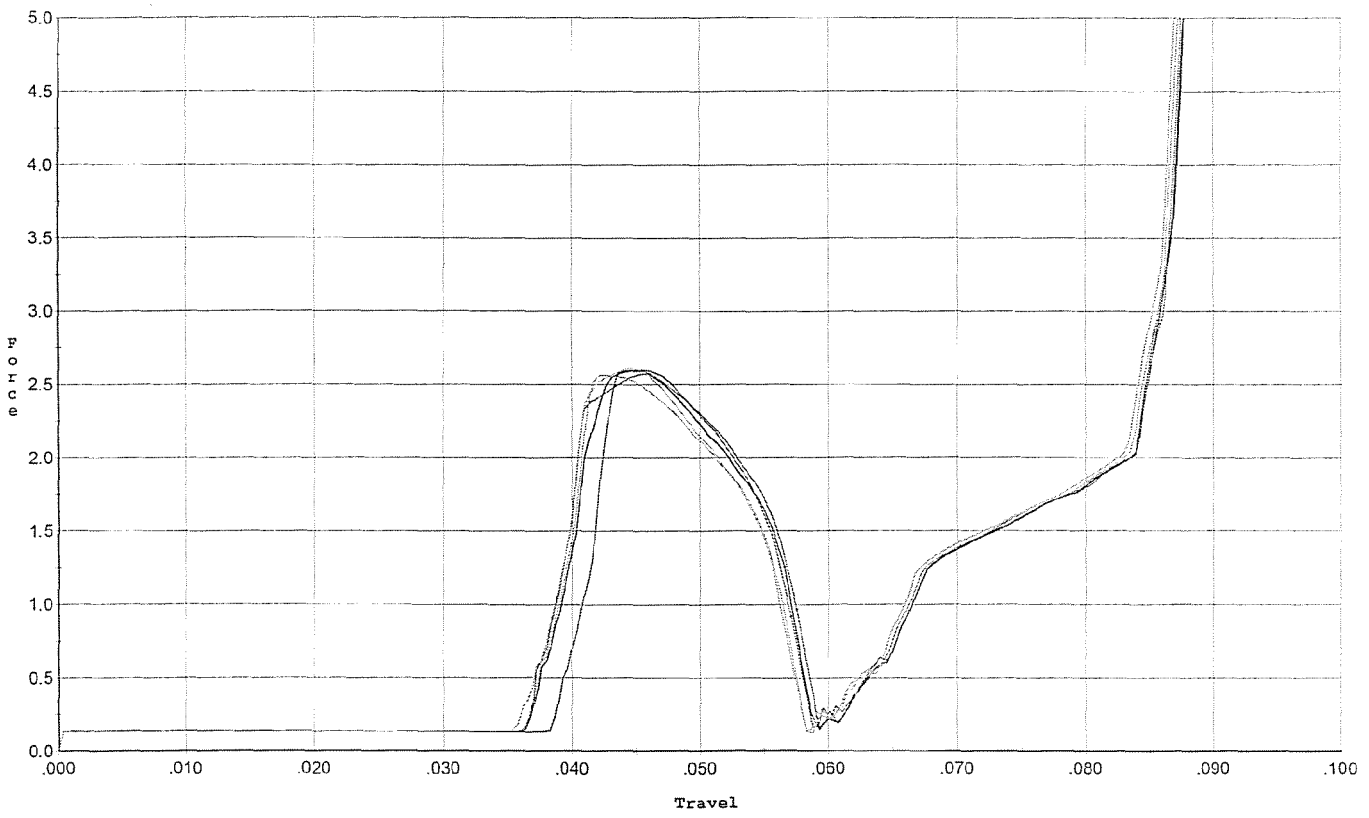

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.731 | 0.054 | 0.037 | 0.038 | 0.041 | | Set Trigger |
| 2 | 2.599 | 0.053 | 0.036 | 0.038 | 0.041 | | Set Trigger |
| 3 | 2.655 | 0.054 | 0.036 | 0.037 | 0.043 | | Set Trigger |
| 4 | 2.691 | 0.053 | 0.035 | 0.037 | 0.043 | | Set Trigger |
| 5 | 2.720 | 0.052 | 0.034 | 0.036 | 0.043 | | Set Trigger |

2.68 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 6/19/2007 8:57:50 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | 2.5 lbs. after 50 cycles +/- .50 lbs. |
| Note: | M. Mckinney 6/19/07 | | |



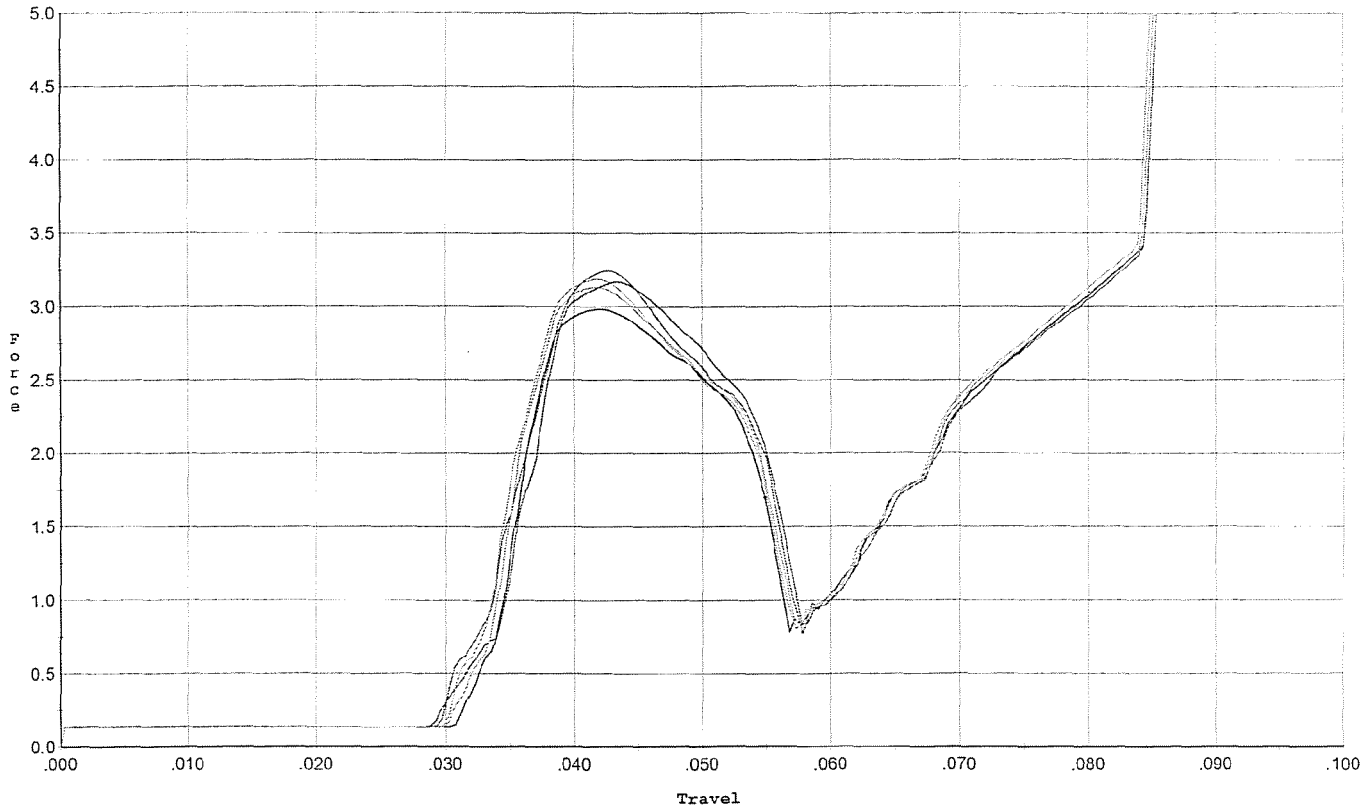

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.599 | 0.058 | 0.039 | 0.038 | 0.041 | | Set Trigger |
| 2 | 2.593 | 0.057 | 0.037 | 0.038 | 0.043 | | Set Trigger |
| 3 | 2.572 | 0.057 | 0.037 | 0.038 | 0.045 | | Set Trigger |
| 4 | 2.611 | 0.056 | 0.036 | 0.038 | 0.043 | | Set Trigger |
| 5 | 2.564 | 0.055 | 0.037 | 0.038 | 0.041 | | Set Trigger |

2.59 AVG.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 6/19/2007 8:59:06 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | 3.0 lbs. ini. +/- .75 lbs. |
| Note: | M. Mckinney 6/19/07 | | |



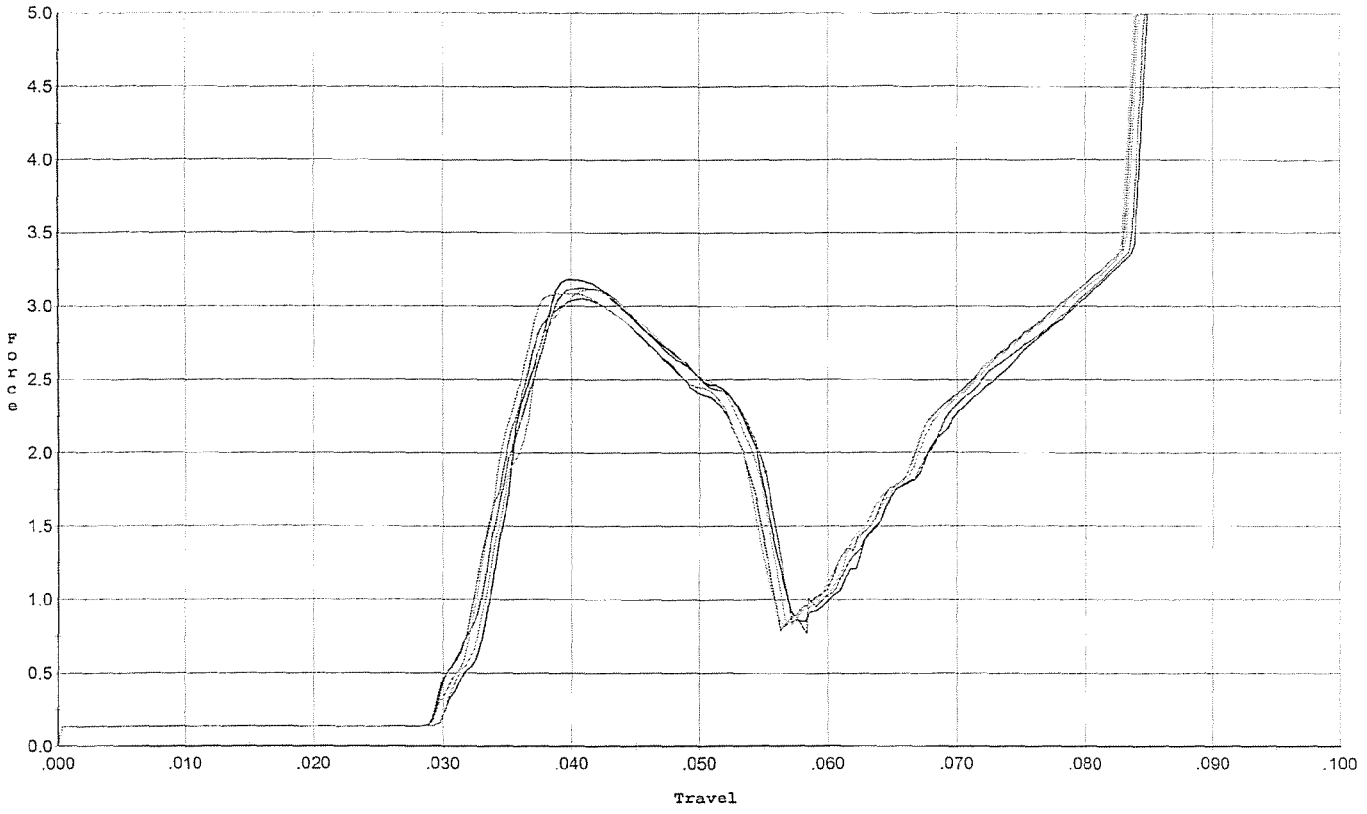

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.166 | 0.056 | 0.030 | 0.035 | 0.062 | | Set Trigger |
| 2 | 2.985 | 0.055 | 0.031 | 0.035 | 0.058 | | Set Trigger |
| 3 | 3.245 | 0.055 | 0.030 | 0.035 | 0.062 | | Set Trigger |
| 4 | 3.188 | 0.054 | 0.030 | 0.035 | 0.061 | | Set Trigger |
| 5 | 3.131 | 0.054 | 0.031 | 0.035 | 0.060 | | Set Trigger |

3.14 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 6/19/2007 9:00:23 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | 3.0 lbs. after 20 cycles +/- .75 lbs. |
| Note: | M. Mckinney 6/19/07 | | |



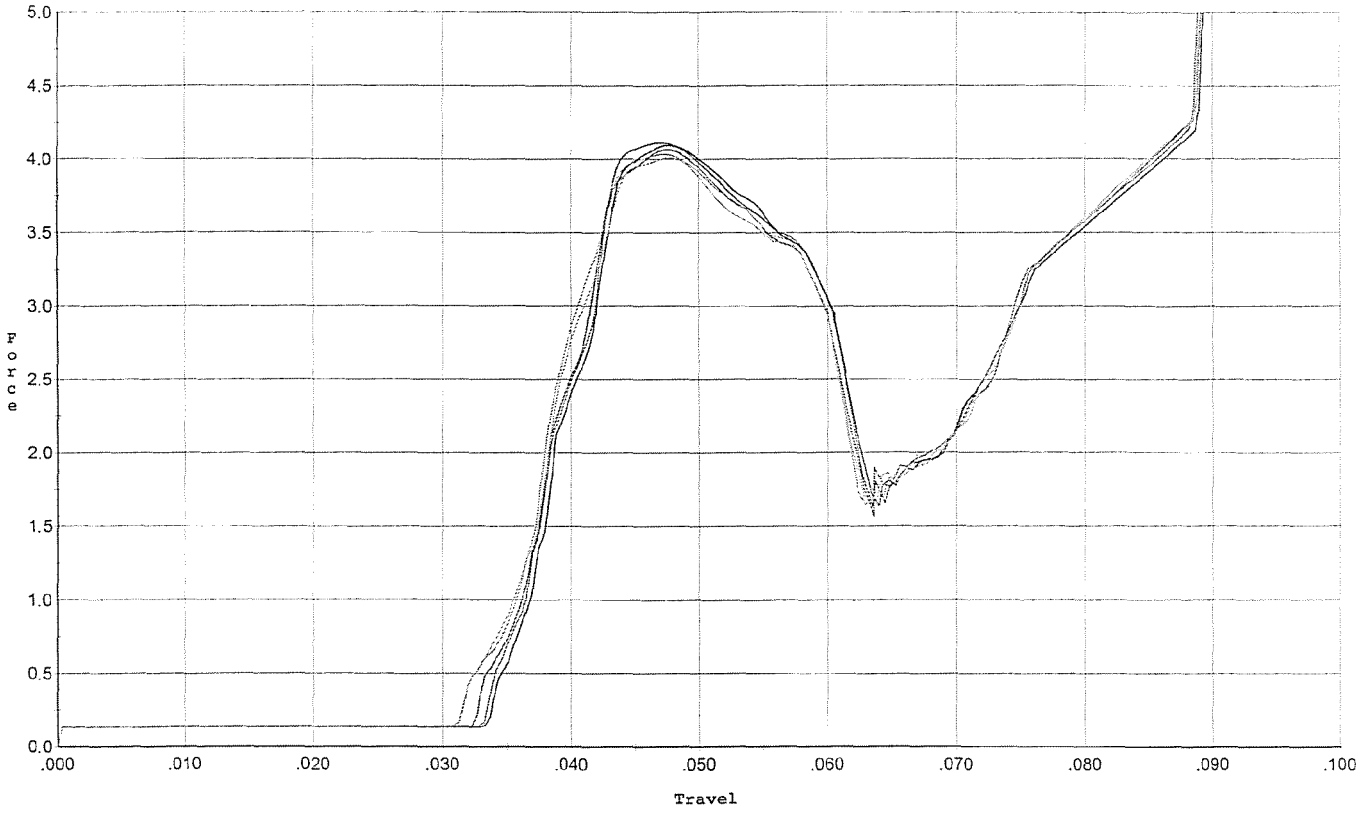

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.123 | 0.055 | 0.030 | 0.034 | 0.063 | | Set Trigger |
| 2 | 3.180 | 0.054 | 0.030 | 0.035 | 0.061 | | Set Trigger |
| 3 | 3.051 | 0.054 | 0.030 | 0.034 | 0.061 | | Set Trigger |
| 4 | 3.113 | 0.055 | 0.030 | 0.034 | 0.061 | | Set Trigger |
| 5 | 3.083 | 0.053 | 0.030 | 0.034 | 0.060 | | Set Trigger |

3.11 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 6/19/2007 9:01:28 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | 4.0 lbs. ini. +/- 1.0 lbs. |
| Note: | M. Mckinney 6/19/07 | | |



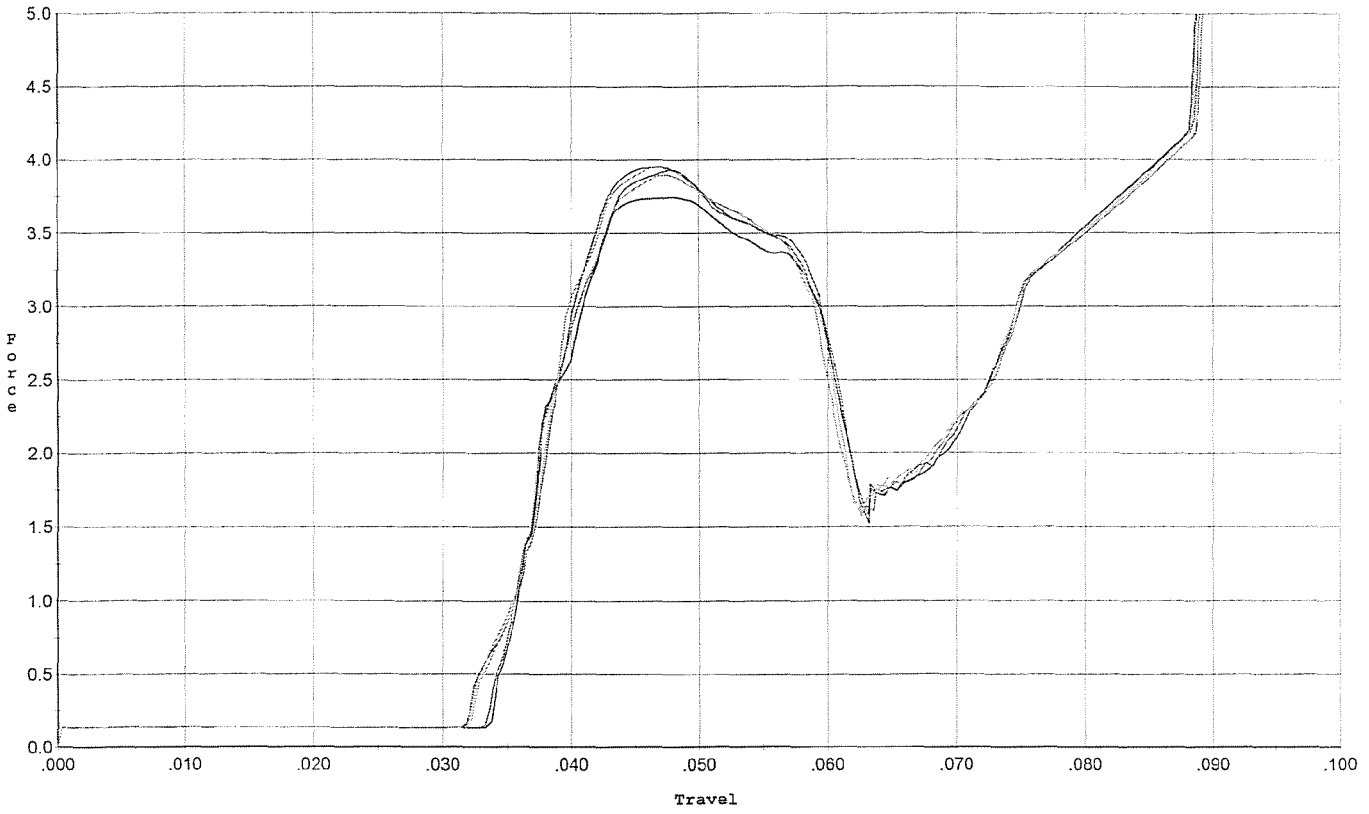

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.112 | 0.061 | 0.033 | 0.033 | 0.089 | | Set Trigger |
| 2 | 4.095 | 0.061 | 0.034 | 0.034 | 0.087 | | Set Trigger |
| 3 | 4.064 | 0.060 | 0.034 | 0.034 | 0.086 | | Set Trigger |
| 4 | 4.008 | 0.060 | 0.032 | 0.034 | 0.088 | | Set Trigger |
| 5 | 4.033 | 0.060 | 0.032 | 0.034 | 0.089 | | Set Trigger |

4.06 Avg

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 6/19/2007 9:02:48 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | 4.0 lbs. after 20 cycles +/- 1.0 lbs. |
| Note: | M. Mckinney 6/19/07 | | |



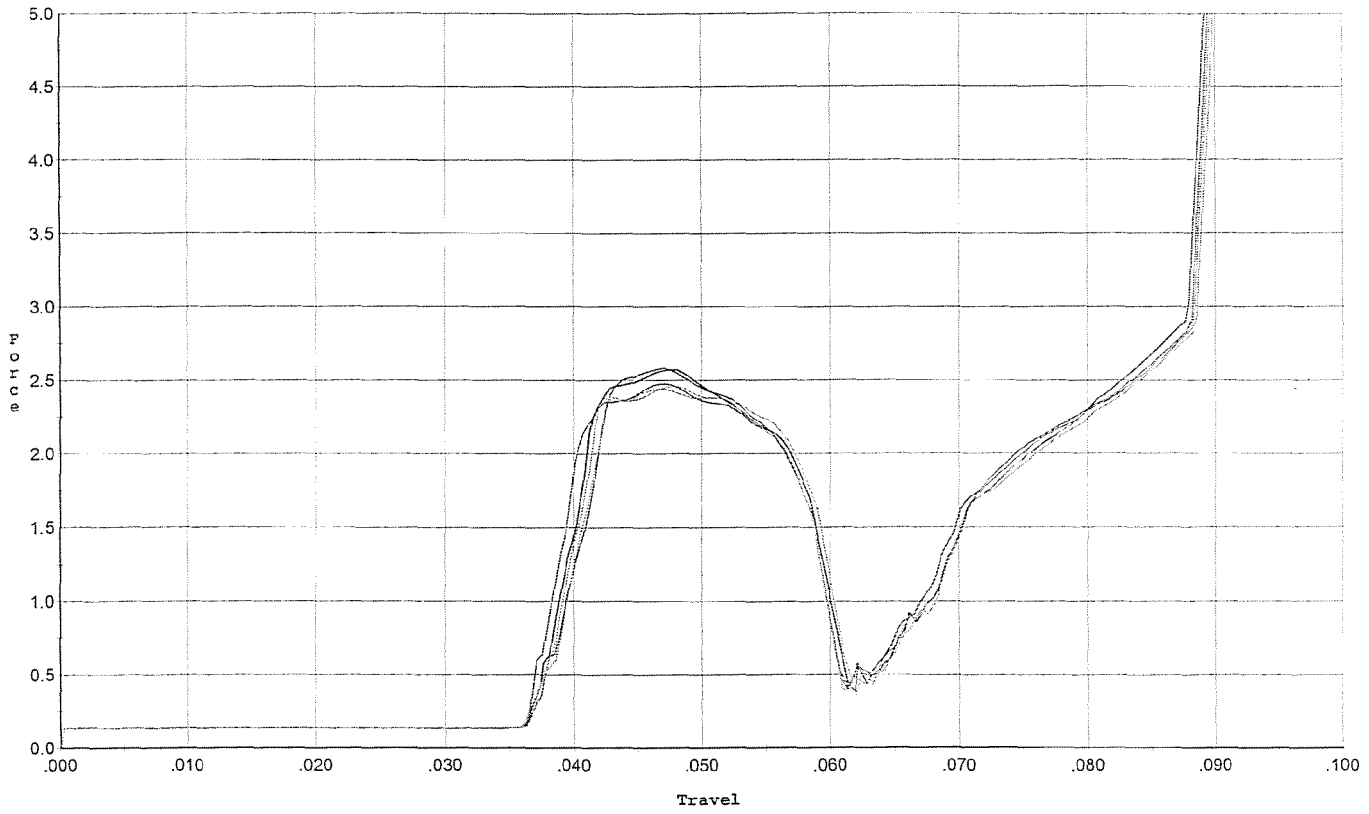

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.950 | 0.059 | 0.034 | 0.034 | 0.086 | | Set Trigger |
| 2 | 3.743 | 0.060 | 0.034 | 0.034 | 0.083 | | Set Trigger |
| 3 | 3.931 | 0.061 | 0.032 | 0.034 | 0.088 | | Set Trigger |
| 4 | 3.958 | 0.060 | 0.033 | 0.034 | 0.087 | | Set Trigger |
| 5 | 3.895 | 0.059 | 0.032 | 0.034 | 0.084 | | Set Trigger |

3.90 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 6/19/2007 9:03:44 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | reset to 2.5 lbs. +/- .50b lbs. for final test |
| Note: | M. Mckinney 6/19/07 | | |



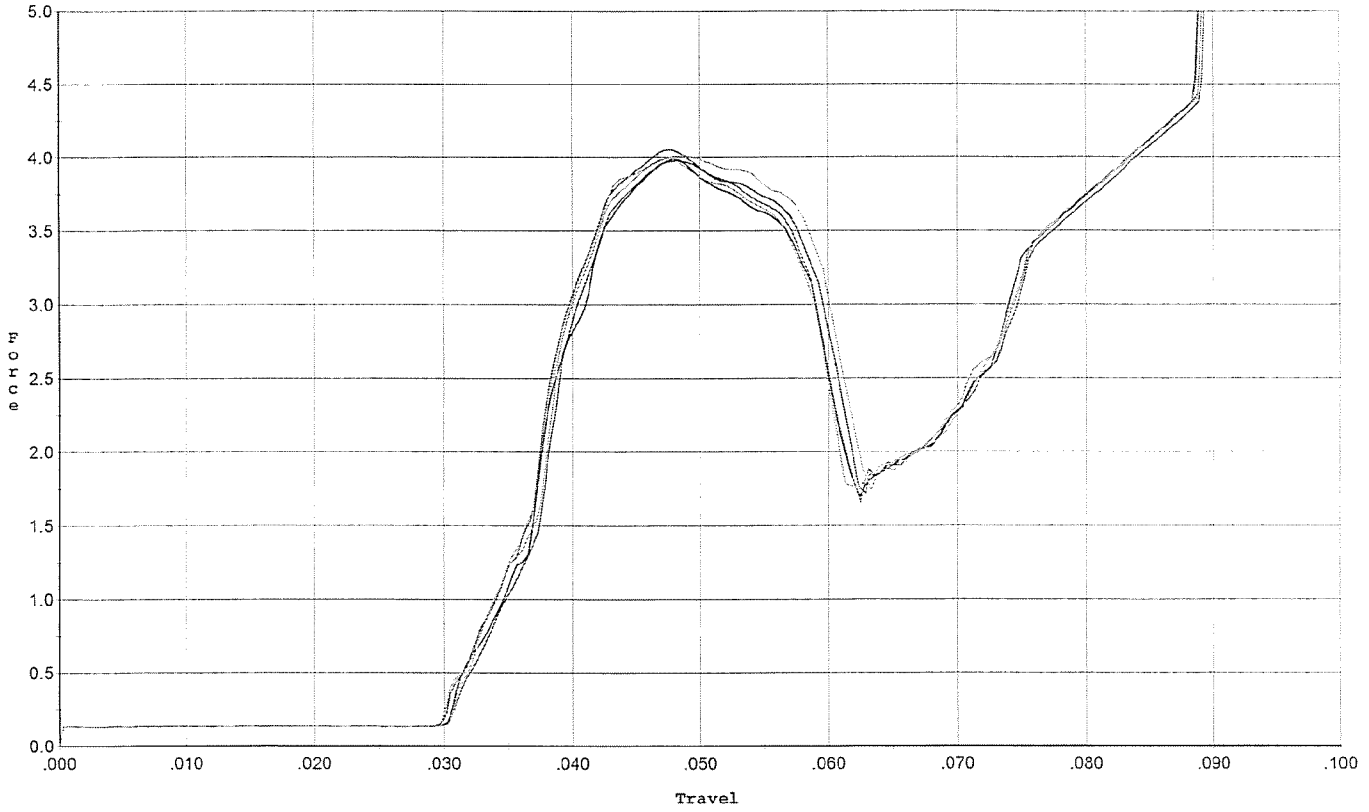

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.582 | 0.059 | 0.037 | 0.037 | 0.049 | | Set Trigger |
| 2 | 2.574 | 0.060 | 0.037 | 0.037 | 0.052 | | Set Trigger |
| 3 | 2.475 | 0.059 | 0.037 | 0.038 | 0.051 | | Set Trigger |
| 4 | 2.443 | 0.059 | 0.037 | 0.038 | 0.049 | | Set Trigger |
| 5 | 2.458 | 0.059 | 0.037 | 0.037 | 0.050 | | Set Trigger |

25 | Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 6/19/2007 9:04:40 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy |
| Note: | M. Mckinney 6/19/07 | | |




| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.975 | 0.061 | 0.031 | 0.033 | 0.090 | | Set Trigger |
| 2 | 3.991 | 0.059 | 0.031 | 0.034 | 0.086 | | Set Trigger |
| 3 | 4.054 | 0.059 | 0.030 | 0.034 | 0.089 | | Set Trigger |
| 4 | 4.006 | 0.060 | 0.031 | 0.033 | 0.092 | | Set Trigger |
| 5 | 3.996 | 0.059 | 0.030 | 0.034 | 0.088 | | Set Trigger |

4.00 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 6/19/2007 9:05:41 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6680320.__0
FILE DATE AND TIME: 08/31/2007 04:58

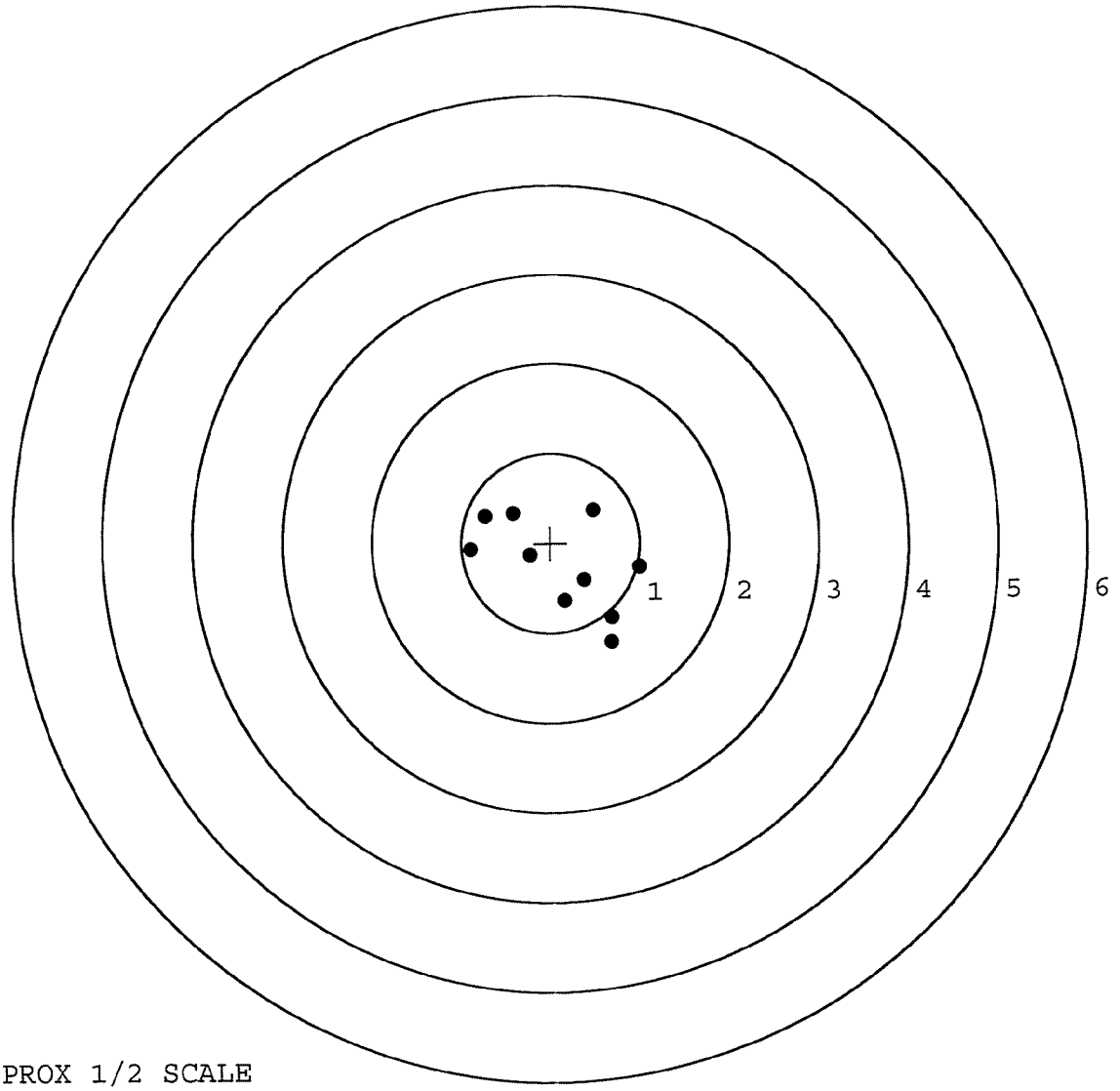
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

| | |
|---|---|
| The Average X Centroid of the Five Target Set: | -0.064 |
| The Average Y Centroid of the Five Target Set: | -0.108 |
| The Average Point of Impact of the Five Target Set: | 0.125 |
| The Average Mean Radius of the Five Target Set: | 0.746 |
| The Distance from POA to Centroid Target #1: | 0.272 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.147 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.361 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.316 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.336 |

SERIAL NUMBER: G6680320.__0
TARGET NUMBER: 1
FILE DATE: 08/31/2007
FILE TIME: 04:58

| | |
|---|---|
| X CENTROID: | 0.109 |
| Y CENTROID: | -0.249 |
| POA TO CENTROID: | 0.272 |
| HORZ SPREAD: | 1.896 |
| VERT SPREAD: | 1.473 |
| GROUP SPREAD: | 1.996 |
| MIN RADIUS: | 0.313 |
| MAX RADIUS: | 1.032 |
| MEAN RADIUS: | 0.735 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 7 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.679 | -1.109 |
| 2: | 0.683 | -0.834 |
| 3: | 0.155 | -0.647 |
| 4: | 0.374 | -0.417 |
| 5: | 0.996 | -0.278 |
| 6: | 0.485 | 0.364 |
| 7: | -0.231 | -0.138 |
| 8: | -0.418 | 0.337 |
| 9: | -0.729 | 0.306 |
| 10: | -0.900 | -0.073 |



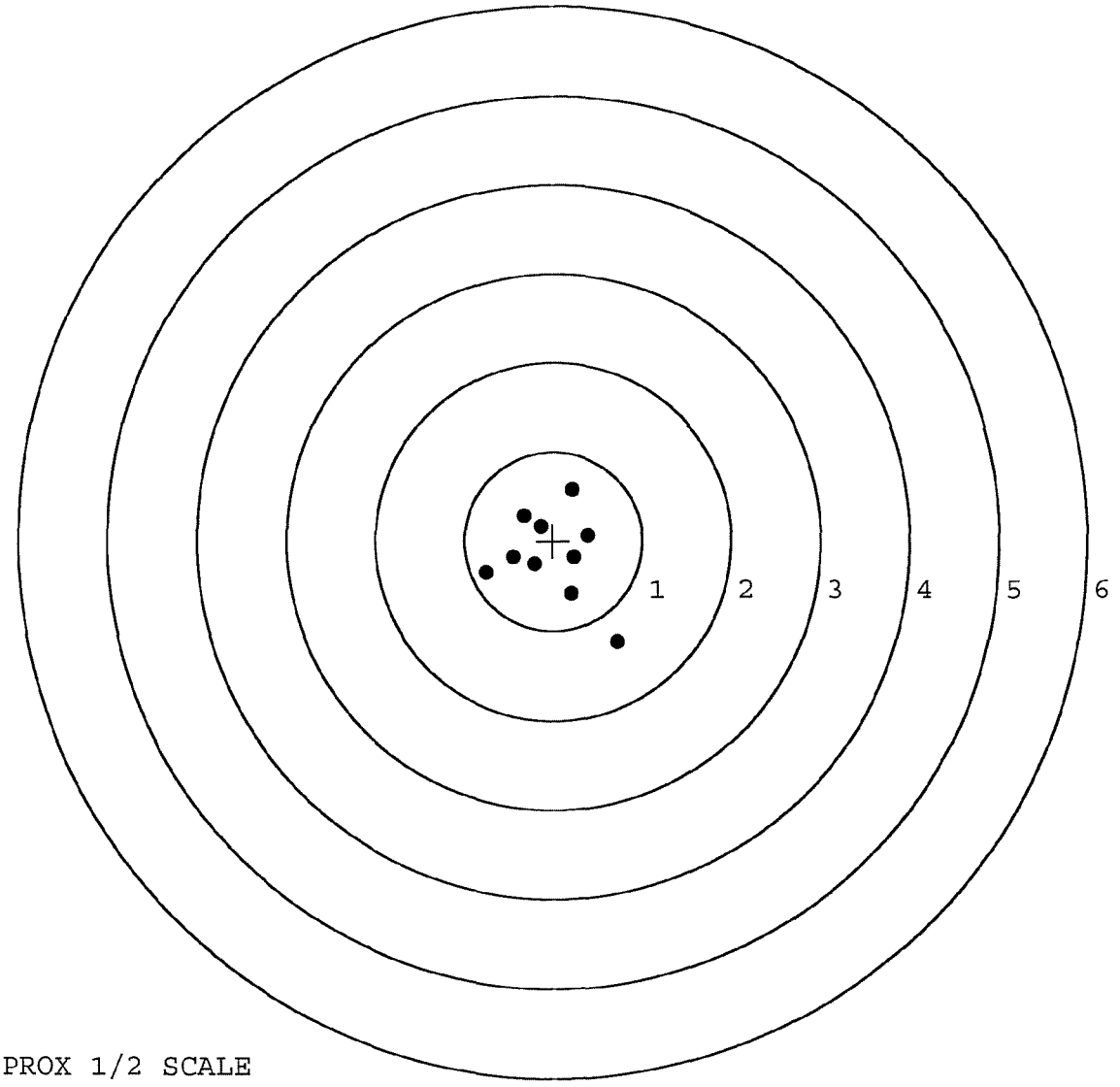

TARGET APPROX 1/2 SCALE

**BARBER - M24 0175185**

SERIAL NUMBER: G6680320.__0
TARGET NUMBER: 2
FILE DATE: 08/31/2007
FILE TIME: 04:58

| | |
|---|---|
| X CENTROID: | -0.011 |
| Y CENTROID: | -0.164 |
| POA TO CENTROID: | 0.165 |
| HORZ SPREAD: | 1.485 |
| VERT SPREAD: | 1.704 |
| GROUP SPREAD: | 1.779 |
| MIN RADIUS: | 0.225 |
| MAX RADIUS: | 1.216 |
| MEAN RADIUS: | 0.552 |
| # IN 1 IN DIAMETER: | 6 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.726 | -1.131 |
| 2: | 0.204 | -0.597 |
| 3: | 0.238 | -0.192 |
| 4: | 0.399 | 0.063 |
| 5: | 0.215 | 0.573 |
| 6: | -0.143 | 0.161 |
| 7: | -0.329 | 0.284 |
| 8: | -0.212 | -0.266 |
| 9: | -0.447 | -0.180 |
| 10: | -0.759 | -0.357 |



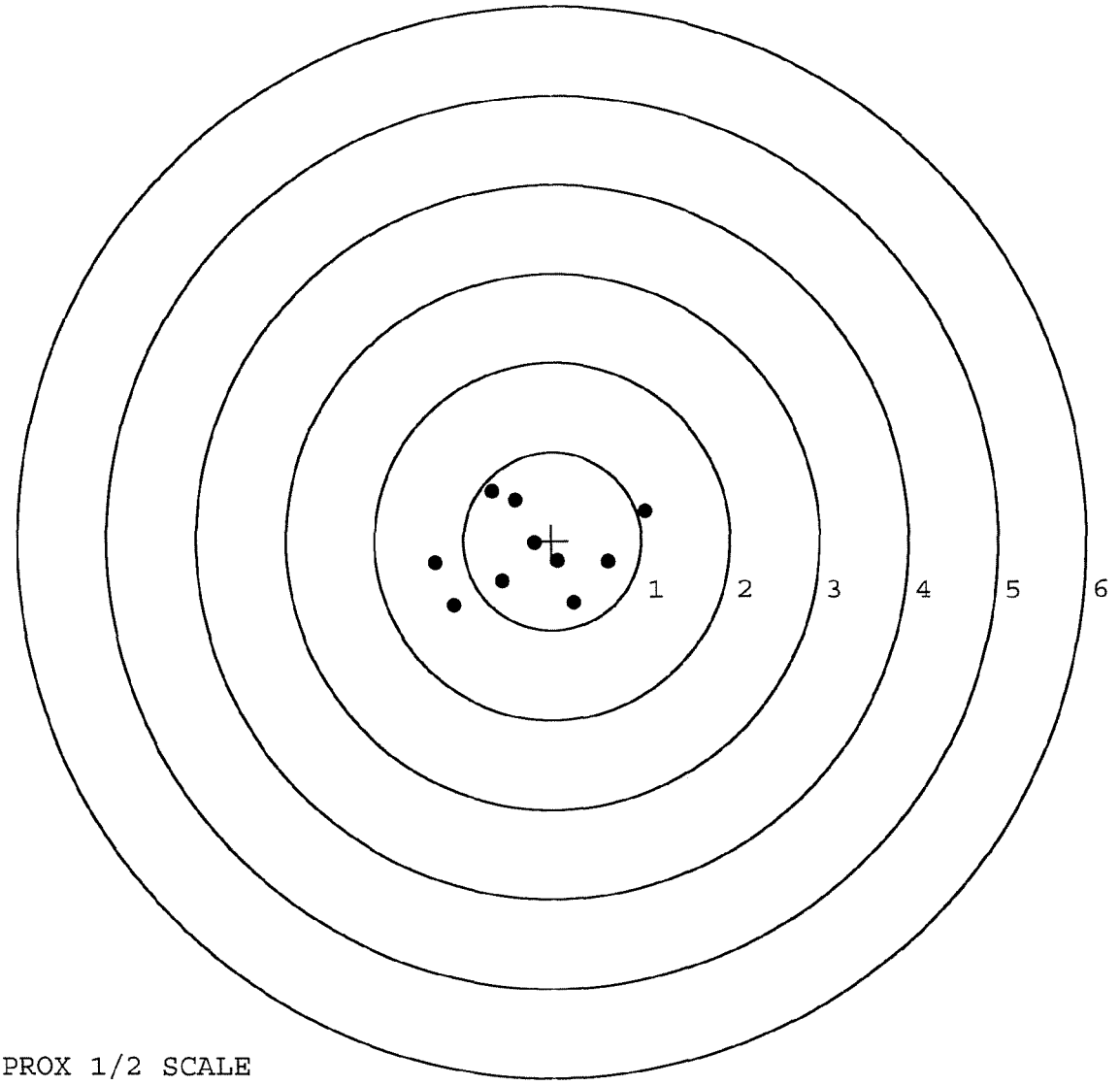

TARGET APPROX 1/2 SCALE

**BARBER - M24 0175186**

SERIAL NUMBER: G6680320.__0
TARGET NUMBER: 3
FILE DATE: 08/31/2007
FILE TIME: 04:58

| | |
|---|---|
| X CENTROID: | -0.230 |
| Y CENTROID: | -0.128 |
| POA TO CENTROID: | 0.263 |
| HORZ SPREAD: | 2.360 |
| VERT SPREAD: | 1.292 |
| GROUP SPREAD: | 2.430 |
| MIN RADIUS: | 0.110 |
| MAX RADIUS: | 1.351 |
| MEAN RADIUS: | 0.746 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 7 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 1.042 | 0.327 |
| 2: | 0.628 | -0.237 |
| 3: | 0.243 | -0.706 |
| 4: | 0.066 | -0.232 |
| 5: | -0.194 | -0.024 |
| 6: | -0.566 | -0.451 |
| 7: | -1.113 | -0.729 |
| 8: | -1.318 | -0.253 |
| 9: | -0.415 | 0.465 |
| 10: | -0.676 | 0.563 |

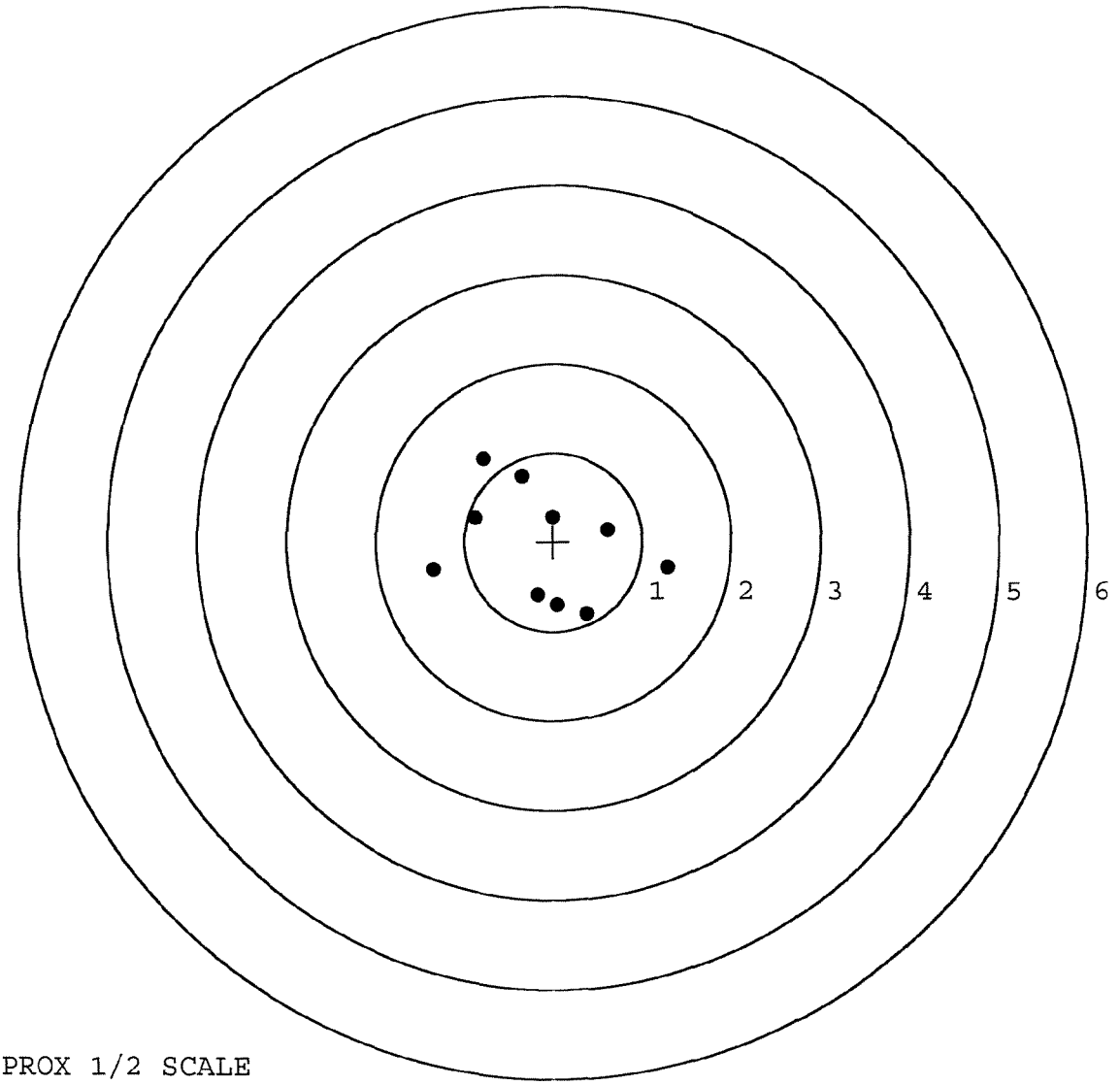



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6680320.__0
TARGET NUMBER: 4
FILE DATE: 08/31/2007
FILE TIME: 04:58

| | |
|---|---|
| X CENTROID: | -0.124 |
| Y CENTROID: | -0.036 |
| POA TO CENTROID: | 0.129 |
| HORZ SPREAD: | 2.635 |
| VERT SPREAD: | 1.740 |
| GROUP SPREAD: | 2.635 |
| MIN RADIUS: | 0.330 |
| MAX RADIUS: | 1.431 |
| MEAN RADIUS: | 0.875 |
| # IN 1 IN DIAMETER: | 1 |
| # IN 2 IN DIAMETER: | 7 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 1.283 | -0.295 |
| 2: | 0.613 | 0.139 |
| 3: | -0.013 | 0.275 |
| 4: | -0.347 | 0.738 |
| 5: | -0.785 | 0.940 |
| 6: | -0.884 | 0.267 |
| 7: | -1.352 | -0.316 |
| 8: | -0.177 | -0.596 |
| 9: | 0.041 | -0.709 |
| 10: | 0.378 | -0.800 |

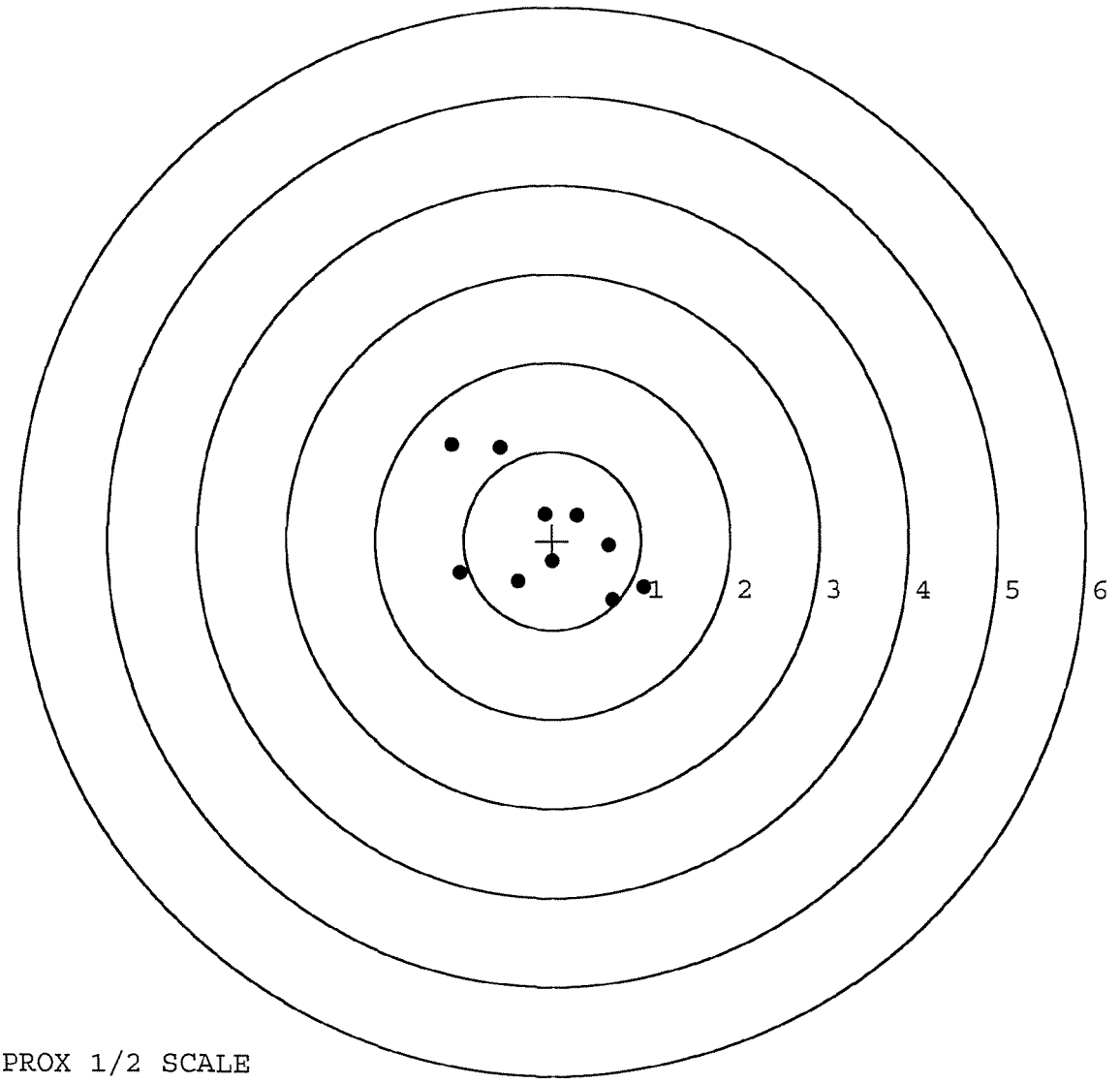



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6680320.__0
TARGET NUMBER: 5
FILE DATE: 08/31/2007
FILE TIME: 04:58

| | |
|---|---|
| X CENTROID: | -0.063 |
| Y CENTROID: | 0.039 |
| POA TO CENTROID: | 0.074 |
| HORZ SPREAD: | 2.162 |
| VERT SPREAD: | 1.743 |
| GROUP SPREAD: | 2.693 |
| MIN RADIUS: | 0.261 |
| MAX RADIUS: | 1.490 |
| MEAN RADIUS: | 0.820 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 5 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 1.028 | -0.531 |
| 2: | 0.675 | -0.668 |
| 3: | 0.636 | -0.059 |
| 4: | 0.279 | 0.284 |
| 5: | -0.089 | 0.299 |
| 6: | -0.001 | -0.229 |
| 7: | -0.391 | -0.461 |
| 8: | -1.045 | -0.364 |
| 9: | -0.592 | 1.044 |
| 10: | -1.134 | 1.075 |




TARGET APPROX 1/2 SCALE