G764530a

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

– INSTUCTION BOOK 3518

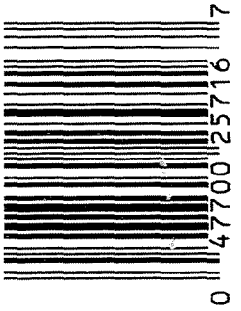
BM FORM



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

**G6645300**

UPC



**BARBER - M24 0171065** **INSPECTION CHECKLIST-NEW GUNS**

**GUN SERIAL #** G6645300

| OP # | OPERATION NAME | READINGS | DATE | INITIAL |
|---|---|---|---|---|
| 410 | SERIALIZE BOLT HANDLE | | 7-17-07 | L.P.D. |
| 420 | ASSEMBLE ACTION | | 6-19-07 | L.P.D. |
| 430 | ASSEMBLE TO STOCK | | 6-21-07 | TRW |
| 440 | PROOF | MAGNA-FLUX | 6-21-07 | TRW |
| 460 | CHECK HEADSPACE | JUL 2007 | 6-21-07 | TRW |
| 470 | DIS-ASSEMBLE ACTION | | 7-18-07 | L.P.D. |
| 480 | MAGNAFLUX BBL ACTION | OPERATOR | 7/19/07 | |
| 490 | MAGNAFLUX BOLT | | | |
| 500 | ROLLMARK CALIBER | | 7-19-07 | CW |
| 510 | DRILL AND TAP SIGHT HOLES | | 7-17-07 | SD |
| 520 | GOFF BLAST BBL / REC | | 7-19-07 | LY |
| 530 & 540 | APPLY COATINGS (BARREL ACTION) | | | |
| | (BOLT) | | 7/23/07 | |
| 560 | RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY | | 7/24/07 | RP |
| | B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD | | 7/26/07 | RP |
| | C) INSPECT EJECTOR HOLE FOR CHAMFER | | 7/26/07 | RP |
| | D) OIL FIRING PIN ASSEMBLY | | 7/31/07 | L.P.D. |
| | E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE (2.50 LBS +/- .5 LBS) | | 8/2/07 | |

F004 REV 5/2006

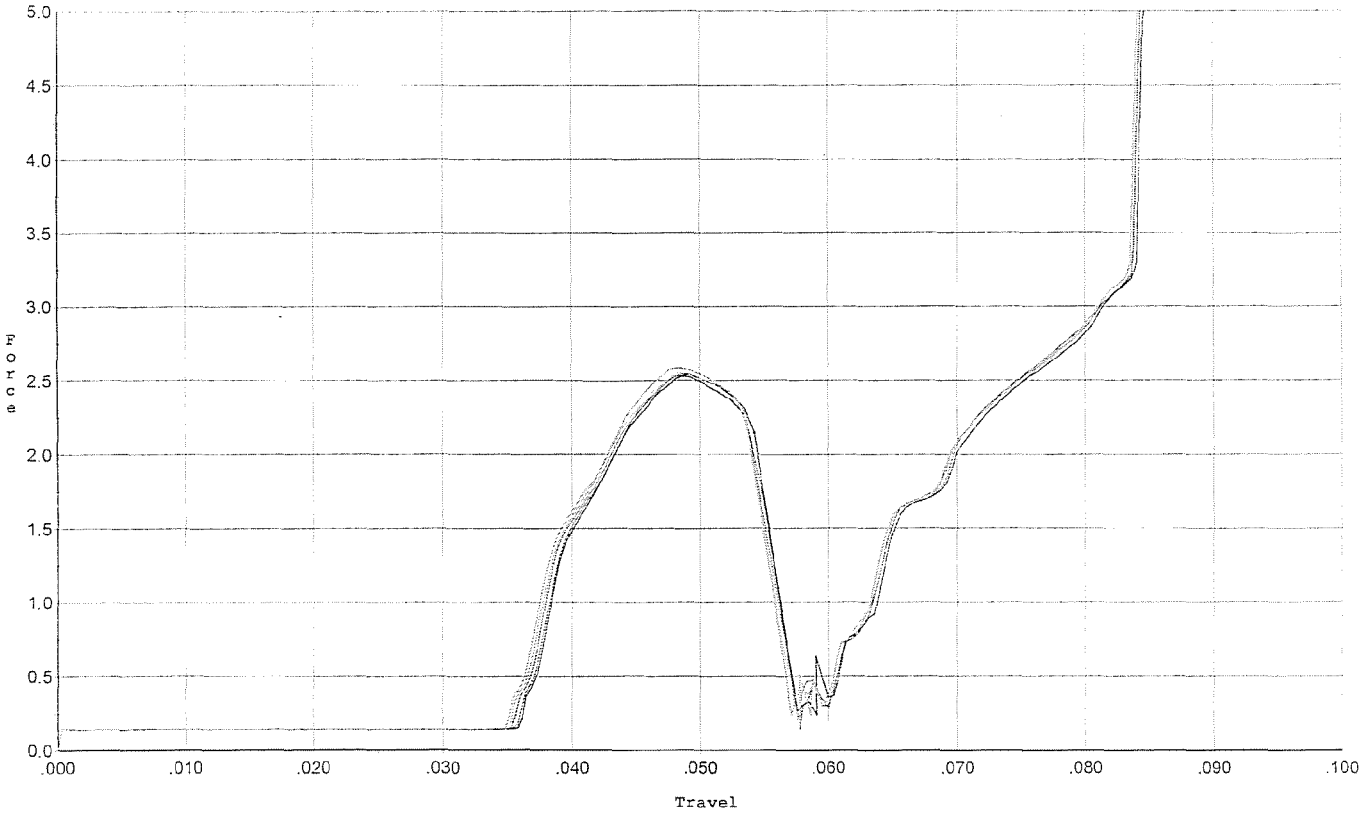
| OP # | OPERATION NAME | READINGS | DATE | INITIAL |
|---|---|---|---|---|
| | BARBER - M24 0171066 | | | |
| 560 | F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX] | 6.25 6.25 6.5 | 8/2/07 | |
| CONT. | G) SAFETY OFF FORCE [2 LBS MIN] | 6.0 5.75 6.0 | 8/2/07 | |
| | H) TRIGGER PULL TEST AND RETAINABILITY | | 8/2/07 | |
| | I) FIRING PIN INDENT [.020 MIN] | .023 .025 .024 | 8/2/07 | |
| | J) ASSEMBLE STOCK | | 7/31/07 | L.P.D. |
| | K) ASSEMBLE SWIVEL STUDS | | 8/6/07 | |
| | L) ATTACH FRONT AND REAR SIGHT ASSY'S | | 8/24/07 | |
| | M) IRON SIGHT ALIGNMENT | | 8/24/07 | |
| | N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER | | 8/24/07 | |
| 640 & | FUNCTION TEST AND | (PASS) FAIL | | |
| 650 | TARGET | (PASS) FAIL | 7/31/07 | |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | | |
| 660 | INSPECT FOR LIVE AMMO | | 7-31-07 | SD |
| 670 | FINAL INSPECTION A) HEADSPACE | | 8/2/07 | |
| | B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS] | 234 257 242 226 232 | 8/2/07 | |
| | C) FUNCTION | | 8/2/07 | |
| 690 | PACK | | 5-25-07 | |

N/A

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: | R. Putch 7/13/07 | | |

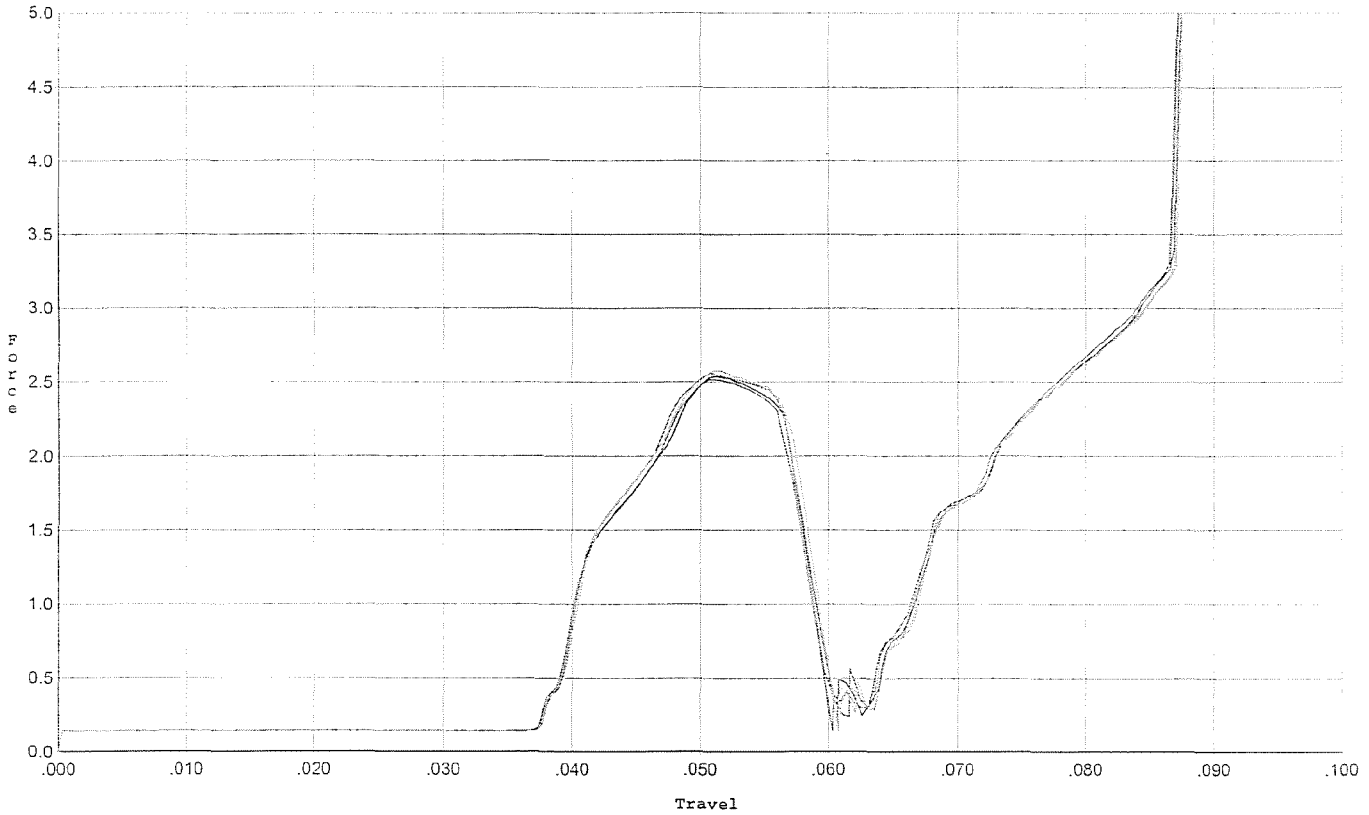



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.531 | 0.055 | 0.036 | 0.036 | 0.042 | | Set Trigger |
| 2 | 2.541 | 0.054 | 0.036 | 0.036 | 0.042 | | Set Trigger |
| 3 | 2.547 | 0.056 | 0.036 | 0.036 | 0.043 | | Set Trigger |
| 4 | 2.551 | 0.054 | 0.036 | 0.036 | 0.042 | | Set Trigger |
| 5 | 2.585 | 0.054 | 0.035 | 0.036 | 0.043 | | Set Trigger |

Avg 2.55

## 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: | R. Putch 7/13/07 | | |



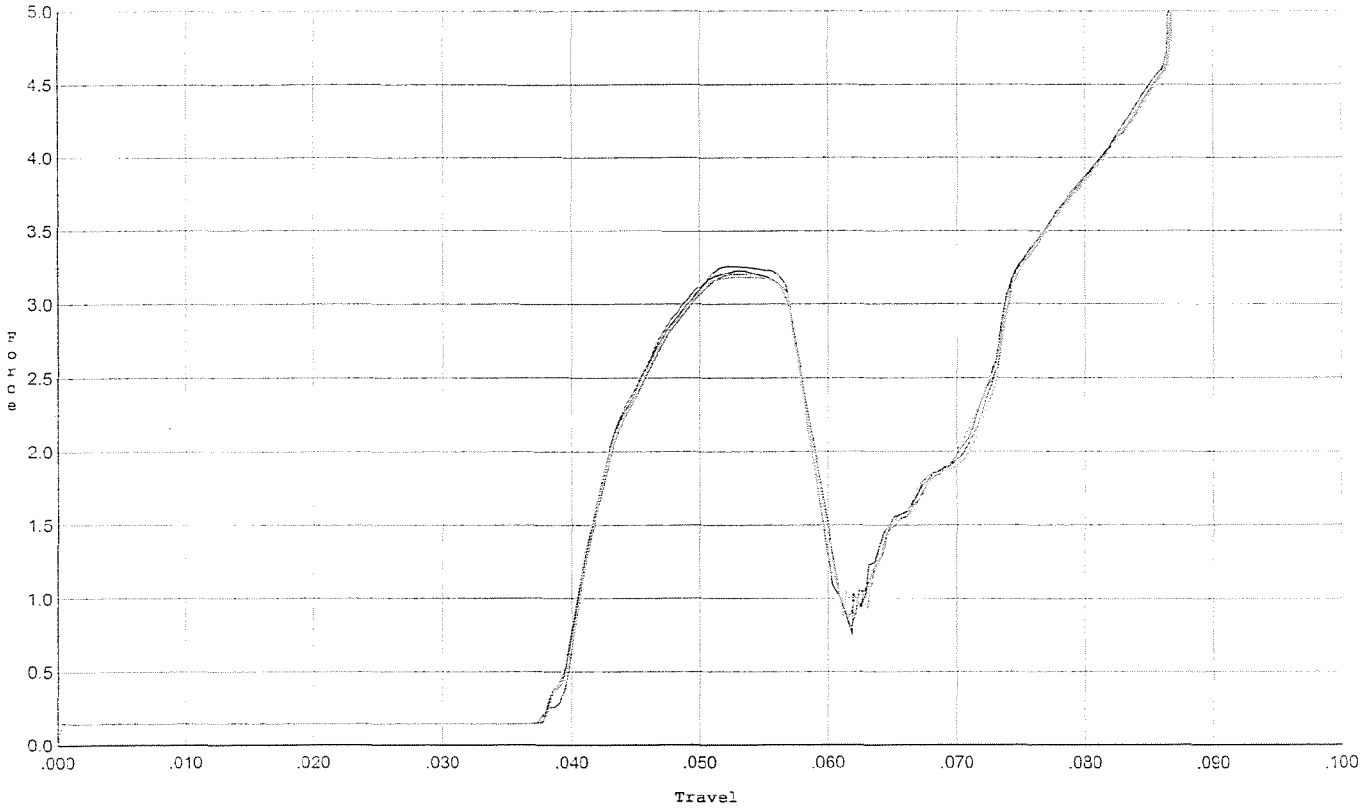

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.515 | 0.057 | 0.038 | 0.037 | 0.043 | | Set Trigger |
| 2 | 2.540 | 0.057 | 0.038 | 0.037 | 0.043 | | Set Trigger |
| 3 | 2.555 | 0.057 | 0.038 | 0.037 | 0.043 | | Set Trigger |
| 4 | 2.551 | 0.057 | 0.038 | 0.037 | 0.044 | | Set Trigger |
| 5 | 2.573 | 0.058 | 0.038 | 0.037 | 0.045 | | Set Trigger |

Avg 2.54

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 7/13/2007 8:34:37 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: | R. Putch 7/13/07 | | |



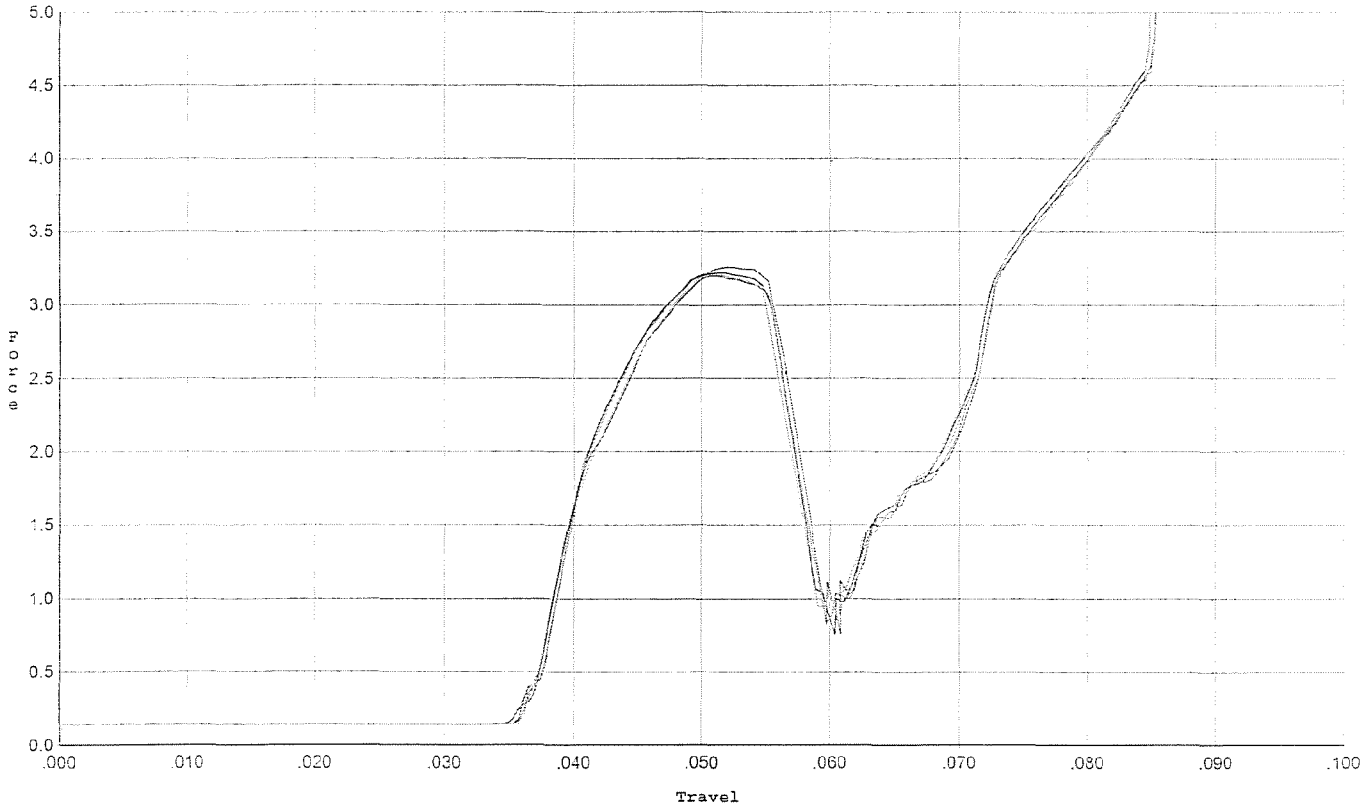

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.255 | 0.059 | 0.038 | 0.034 | 0.057 | | Set Trigger |
| 2 | 3.228 | 0.057 | 0.038 | 0.034 | 0.054 | | Set Trigger |
| 3 | 3.201 | 0.059 | 0.038 | 0.034 | 0.056 | | Set Trigger |
| 4 | 3.212 | 0.057 | 0.038 | 0.035 | 0.054 | | Set Trigger |
| 5 | 3.185 | 0.057 | 0.038 | 0.035 | 0.054 | | Set Trigger |

Avg 3.21

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 7/13/2007 8:36:13 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: | R. Putch 7/13/07 | | |



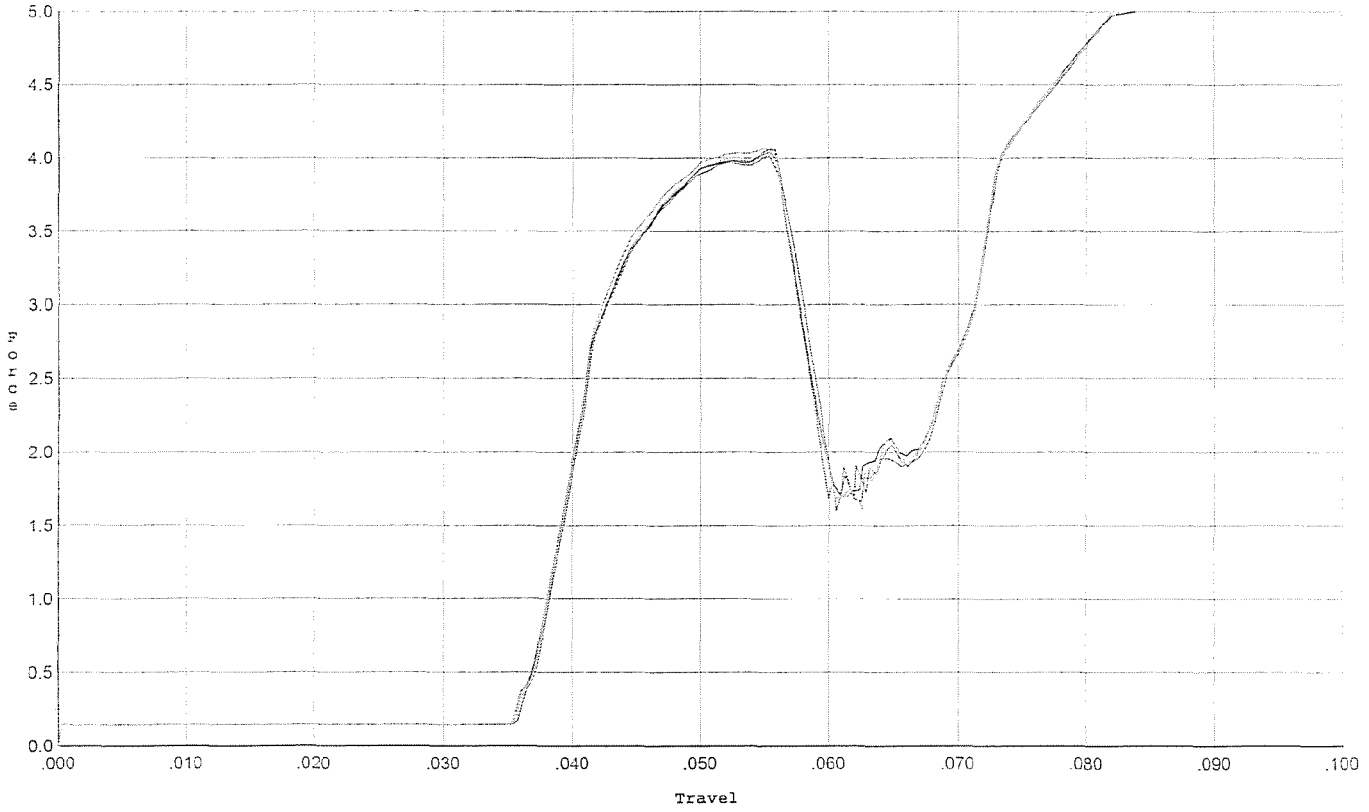

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.195 | 0.055 | 0.036 | 0.035 | 0.054 | | Set Trigger |
| 2 | 3.218 | 0.055 | 0.036 | 0.034 | 0.055 | | Set Trigger |
| 3 | 3.255 | 0.057 | 0.036 | 0.034 | 0.057 | | Set Trigger |
| 4 | 3.207 | 0.055 | 0.036 | 0.035 | 0.054 | | Set Trigger |
| 5 | 3.201 | 0.057 | 0.036 | 0.034 | 0.056 | | Set Trigger |

AVG 3.21

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 7/13/2007 8:37:46 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: | R. Putch 7/13/07 | | |



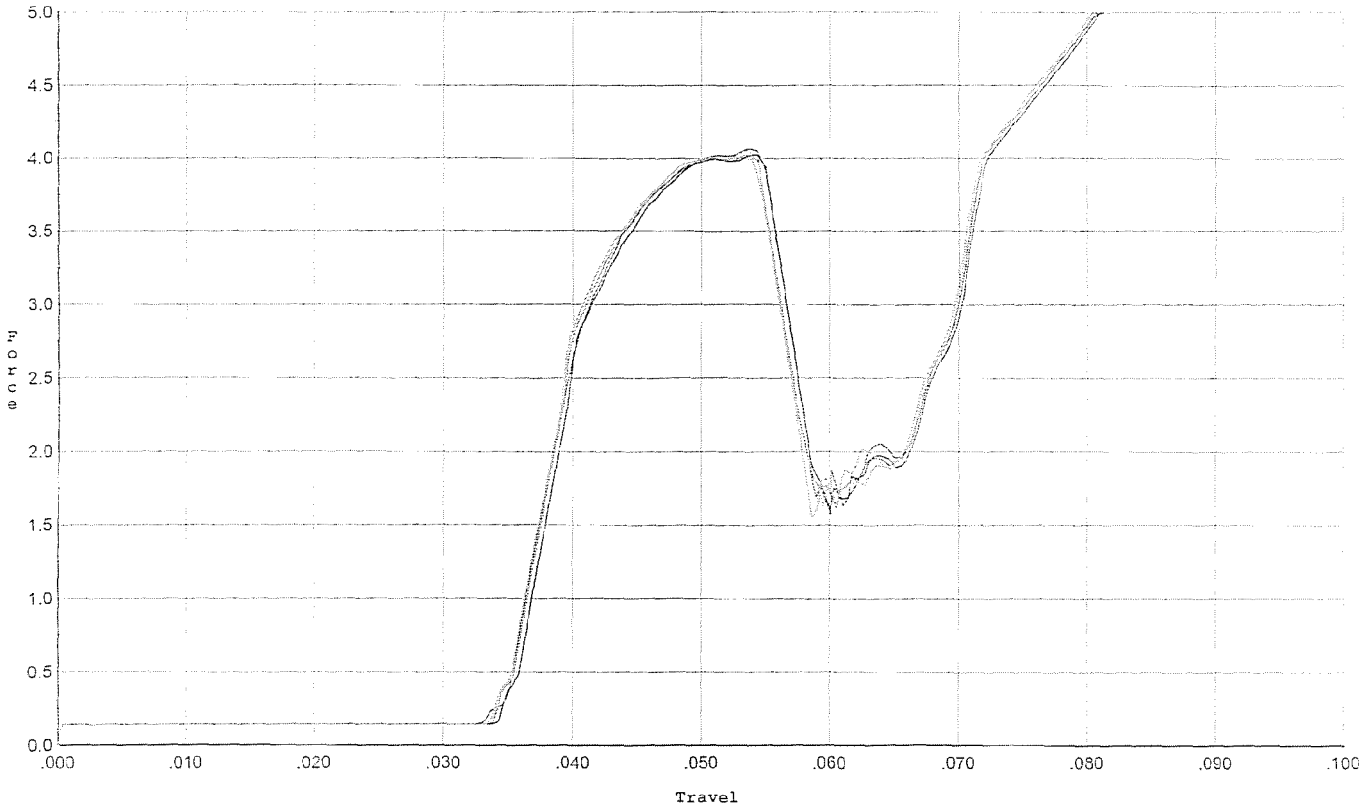

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.061 | 0.057 | 0.036 | 0.032 | 0.074 | | Set Trigger |
| 2 | 4.039 | 0.056 | 0.036 | 0.033 | 0.071 | | Set Trigger |
| 3 | 4.014 | 0.056 | 0.036 | 0.033 | 0.071 | | Set Trigger |
| 4 | 4.042 | 0.056 | 0.036 | 0.033 | 0.071 | | Set Trigger |
| 5 | 4.063 | 0.056 | 0.036 | 0.033 | 0.072 | | Set Trigger |

Avg 4.04

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc., 7/13/2007 8:39:27 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: | R. Putch 7/13/07 | | |



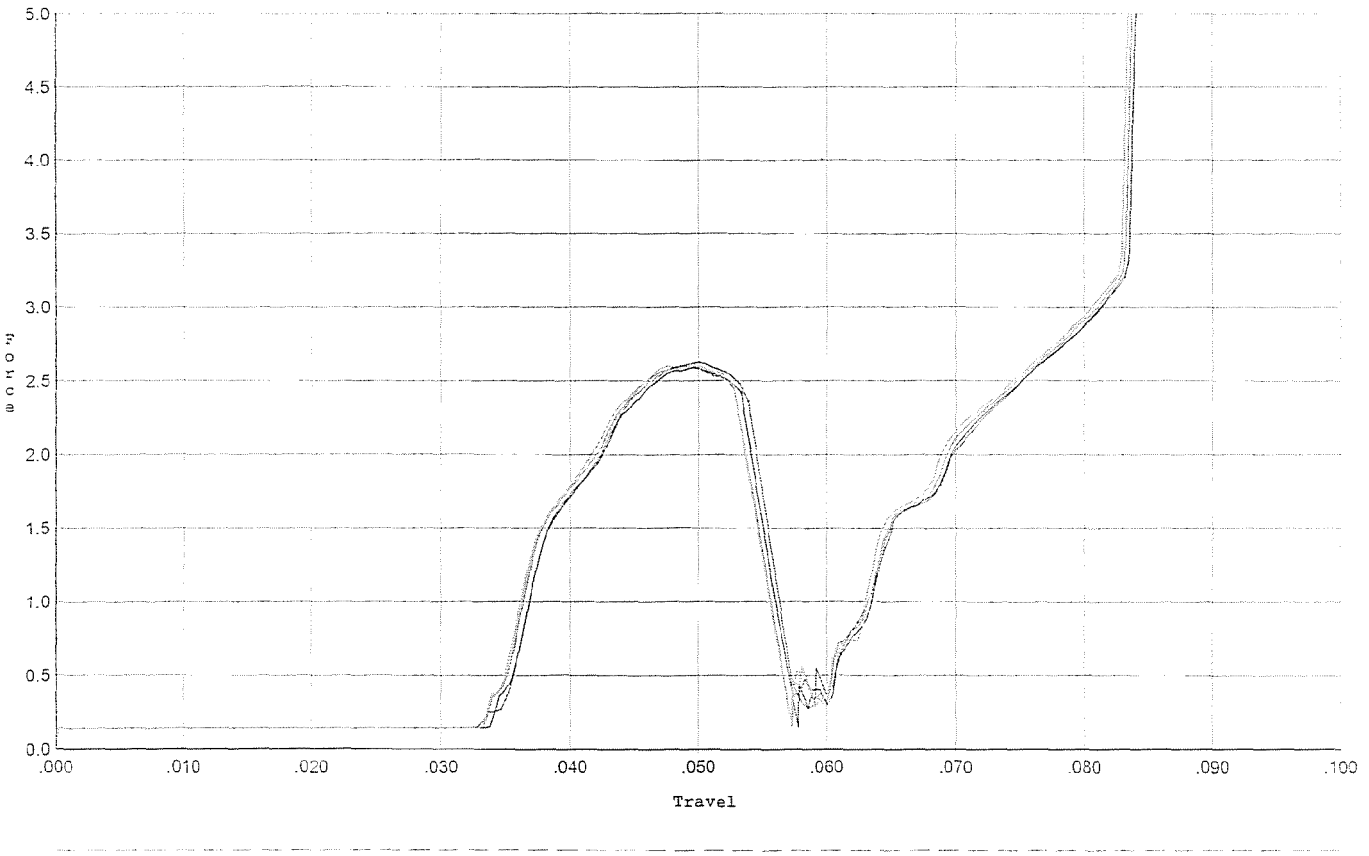

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.066 | 0.055 | 0.034 | 0.033 | 0.073 | | Set Trigger |
| 2 | 4.023 | 0.055 | 0.035 | 0.033 | 0.072 | | Set Trigger |
| 3 | 4.026 | 0.054 | 0.034 | 0.033 | 0.071 | | Set Trigger |
| 4 | 4.027 | 0.054 | 0.034 | 0.033 | 0.071 | | Set Trigger |
| 5 | 4.050 | 0.055 | 0.034 | 0.033 | 0.072 | | Set Trigger |

Avg 4.03

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 7/13/2007 8:40:56 PM

# Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| Profile | SWS | **Model:** | M/24 |
| GunType: | Rifle | **Serial No:** | Form #F005 |
| Make: | Remington | **Trigger:** | reset to 2.5 lbs. +/- .50 lbs. for final test |
| Note: | R. Putch 7/13/07 | | |

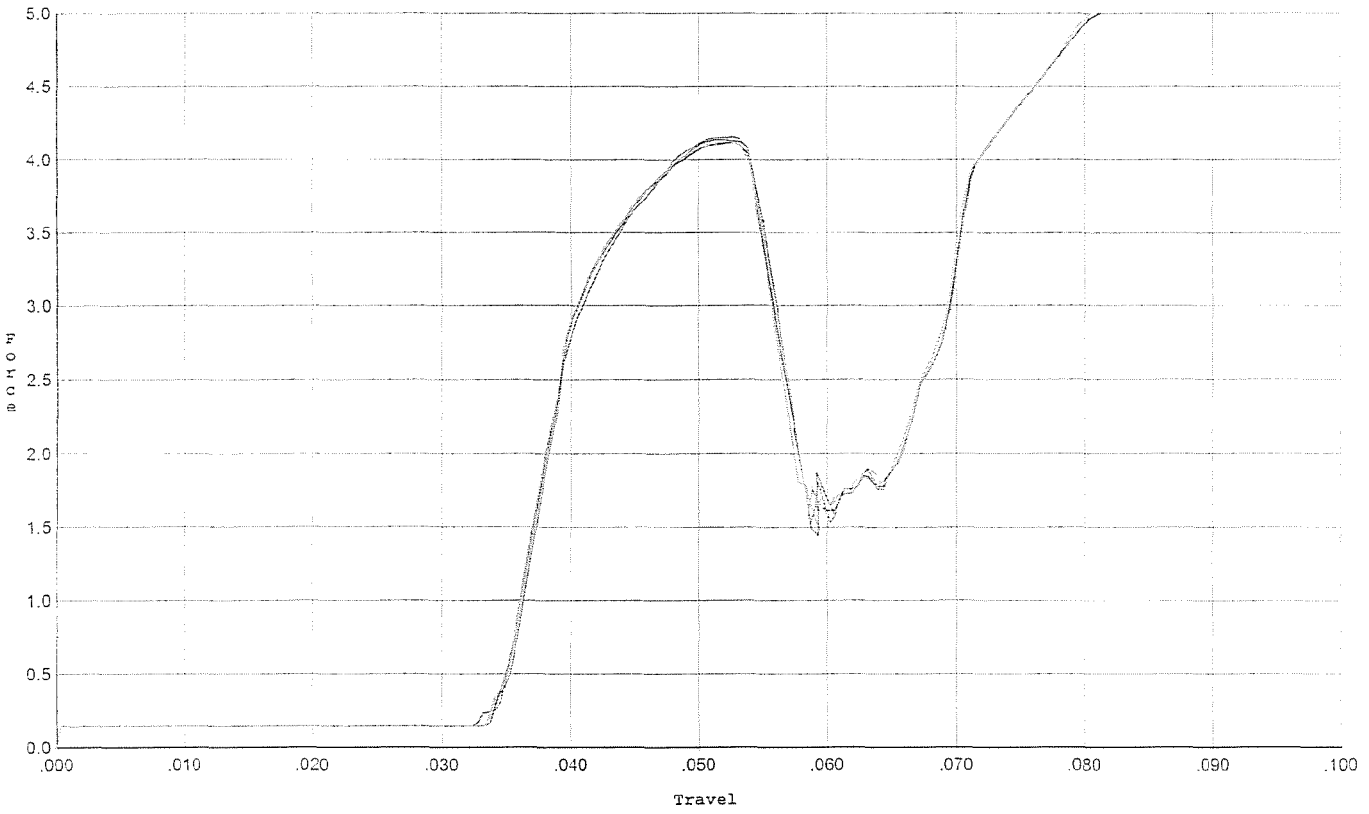



| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.626 | 0.054 | 0.034 | 0.036 | 0.046 | | Set Trigger |
| 2 | 2.589 | 0.053 | 0.034 | 0.036 | 0.044 | | Set Trigger |
| 3 | 2.600 | 0.055 | 0.034 | 0.036 | 0.046 | | Set Trigger |
| 4 | 2.604 | 0.055 | 0.034 | 0.035 | 0.046 | | Set Trigger |
| 5 | 2.615 | 0.053 | 0.034 | 0.036 | 0.045 | | Set Trigger |

Avg 2.60

## 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: | R. Putch 7/13/07 | | |




| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.136 | 0.055 | 0.033 | 0.032 | 0.074 | | Set Trigger |
| 2 | 4.120 | 0.054 | 0.034 | 0.033 | 0.071 | | Set Trigger |
| 3 | 4.153 | 0.055 | 0.034 | 0.032 | 0.074 | | Set Trigger |
| 4 | 4.123 | 0.056 | 0.034 | 0.032 | 0.074 | | Set Trigger |
| 5 | 4.114 | 0.054 | 0.034 | 0.033 | 0.071 | | Set Trigger |

AVG 4.12

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc., 7/13/2007 8:44:09 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645300.__0
FILE DATE AND TIME: 07/31/2007 23:06

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

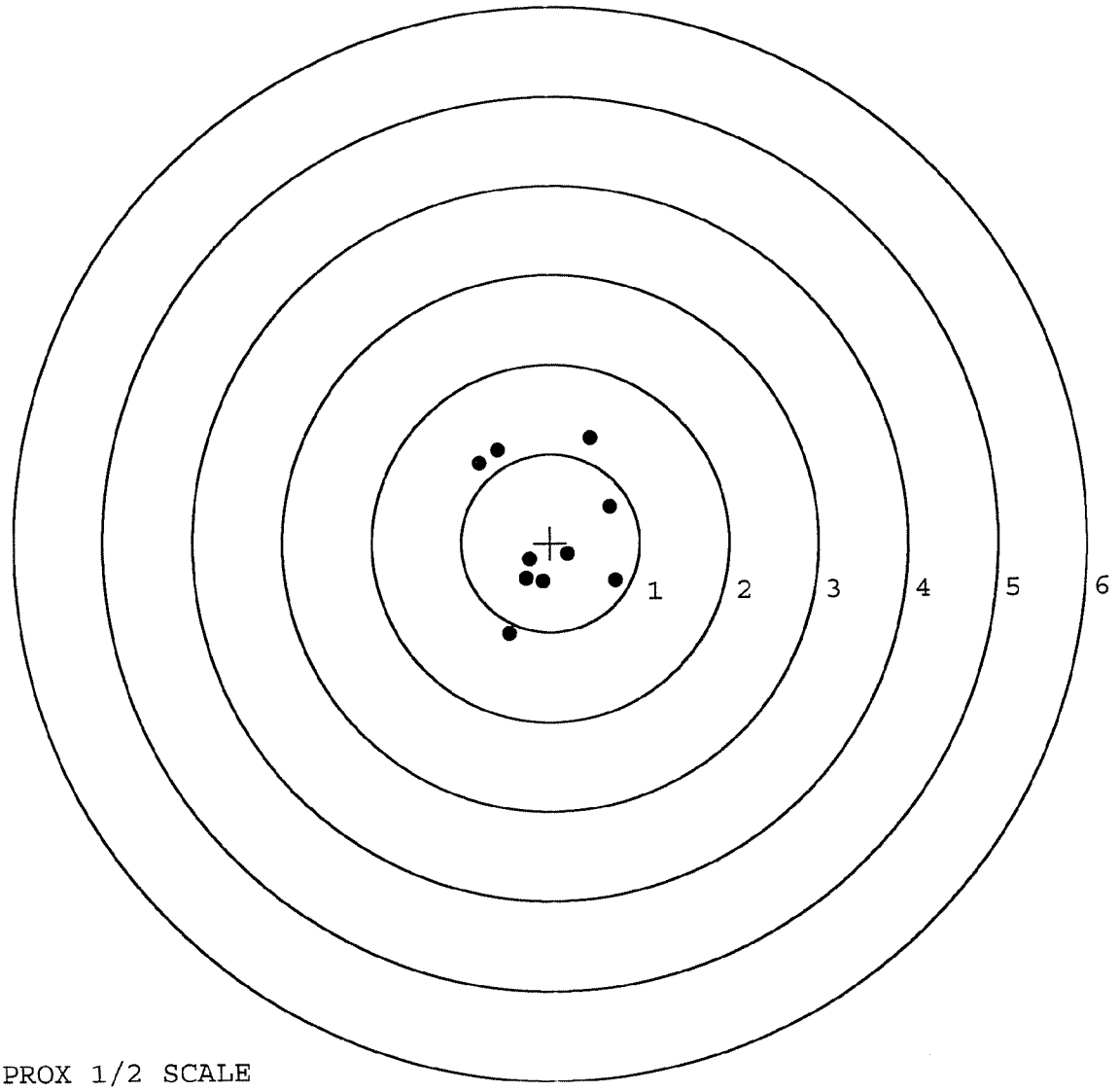
| | |
|---|---|
| The Average X Centroid of the Five Target Set: | 0.134 |
| The Average Y Centroid of the Five Target Set: | 0.055 |
| The Average Point of Impact of the Five Target Set: | 0.145 |
| The Average Mean Radius of the Five Target Set: | 0.862 |
| The Distance from POA to Centroid Target #1: | 0.101 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.597 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.330 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.142 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.250 |

**BARBER - M24 0171076**

SERIAL NUMBER: G6645300.__0
TARGET NUMBER: 1
FILE DATE: 07/31/2007
FILE TIME: 23:06

| | |
|---|---|
| X CENTROID: | -0.041 |
| Y CENTROID: | 0.093 |
| POA TO CENTROID: | 0.101 |
| HORZ SPREAD: | 1.513 |
| VERT SPREAD: | 2.197 |
| GROUP SPREAD: | 2.386 |
| MIN RADIUS: | 0.326 |
| MAX RADIUS: | 1.195 |
| MEAN RADIUS: | 0.805 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 6 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.790 | 0.906 |
| 2: | -0.584 | 1.050 |
| 3: | 0.457 | 1.179 |
| 4: | 0.669 | 0.403 |
| 5: | 0.723 | -0.432 |
| 6: | 0.196 | -0.131 |
| 7: | -0.093 | -0.435 |
| 8: | -0.276 | -0.404 |
| 9: | -0.238 | -0.190 |
| 10: | -0.473 | -1.018 |

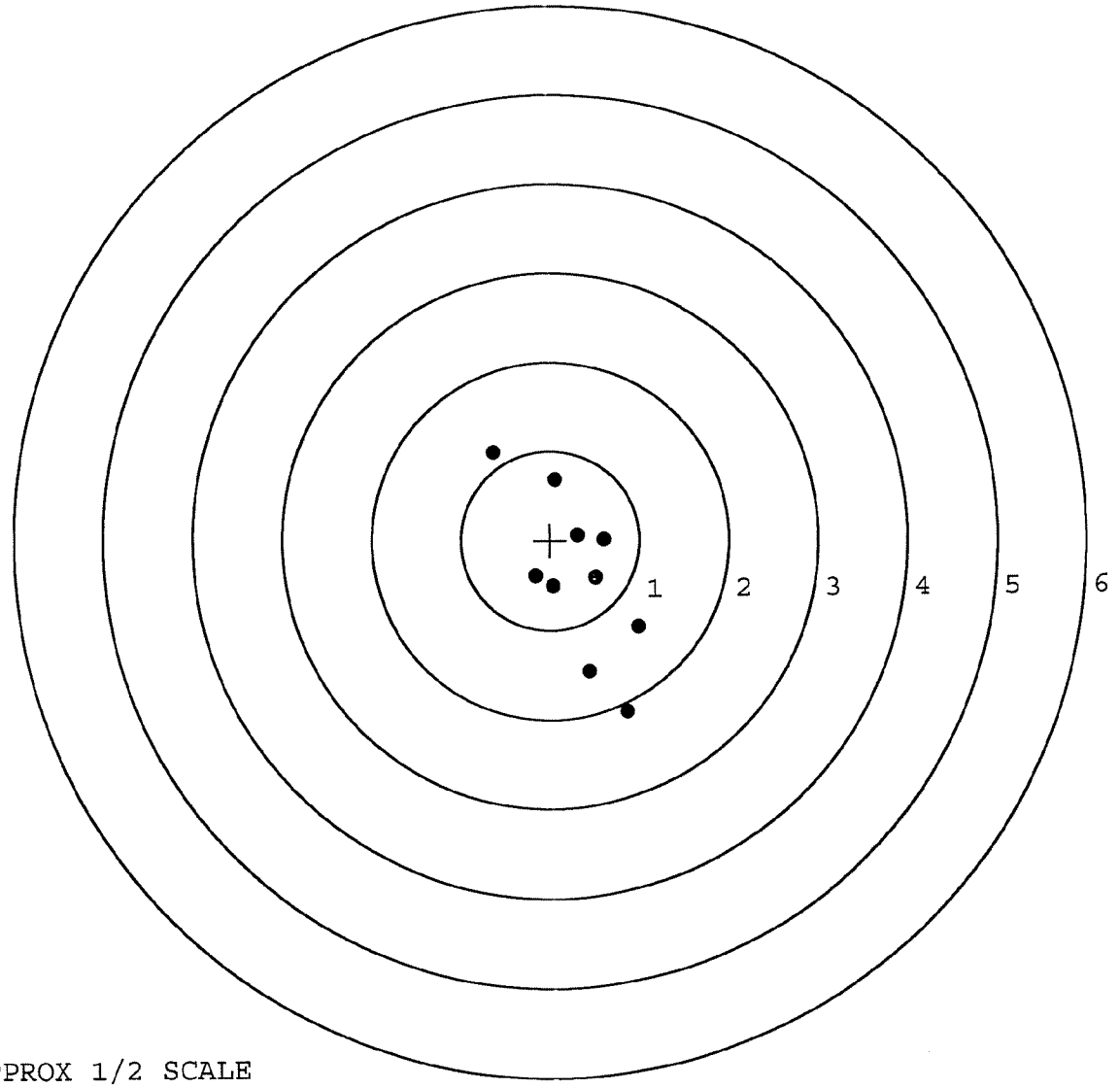



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645300.__0
TARGET NUMBER: 2
FILE DATE: 07/31/2007
FILE TIME: 23:06

| | |
|---|---|
| X CENTROID: | 0.298 |
| Y CENTROID: | -0.398 |
| POA TO CENTROID: | 0.497 |
| HORZ SPREAD: | 1.614 |
| VERT SPREAD: | 2.912 |
| GROUP SPREAD: | 3.267 |
| MIN RADIUS: | 0.211 |
| MAX RADIUS: | 1.672 |
| MEAN RADIUS: | 0.830 |
| # IN 1 IN DIAMETER: | 4 |
| # IN 2 IN DIAMETER: | 6 |
| # in 3 IN DIAMETER: | 8 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.631 | 0.992 |
| 2: | 0.061 | 0.678 |
| 3: | 0.312 | 0.058 |
| 4: | 0.606 | 0.002 |
| 5: | 0.508 | -0.424 |
| 6: | 0.032 | -0.519 |
| 7: | -0.168 | -0.403 |
| 8: | 0.983 | -0.974 |
| 9: | 0.430 | -1.470 |
| 10: | 0.851 | -1.920 |

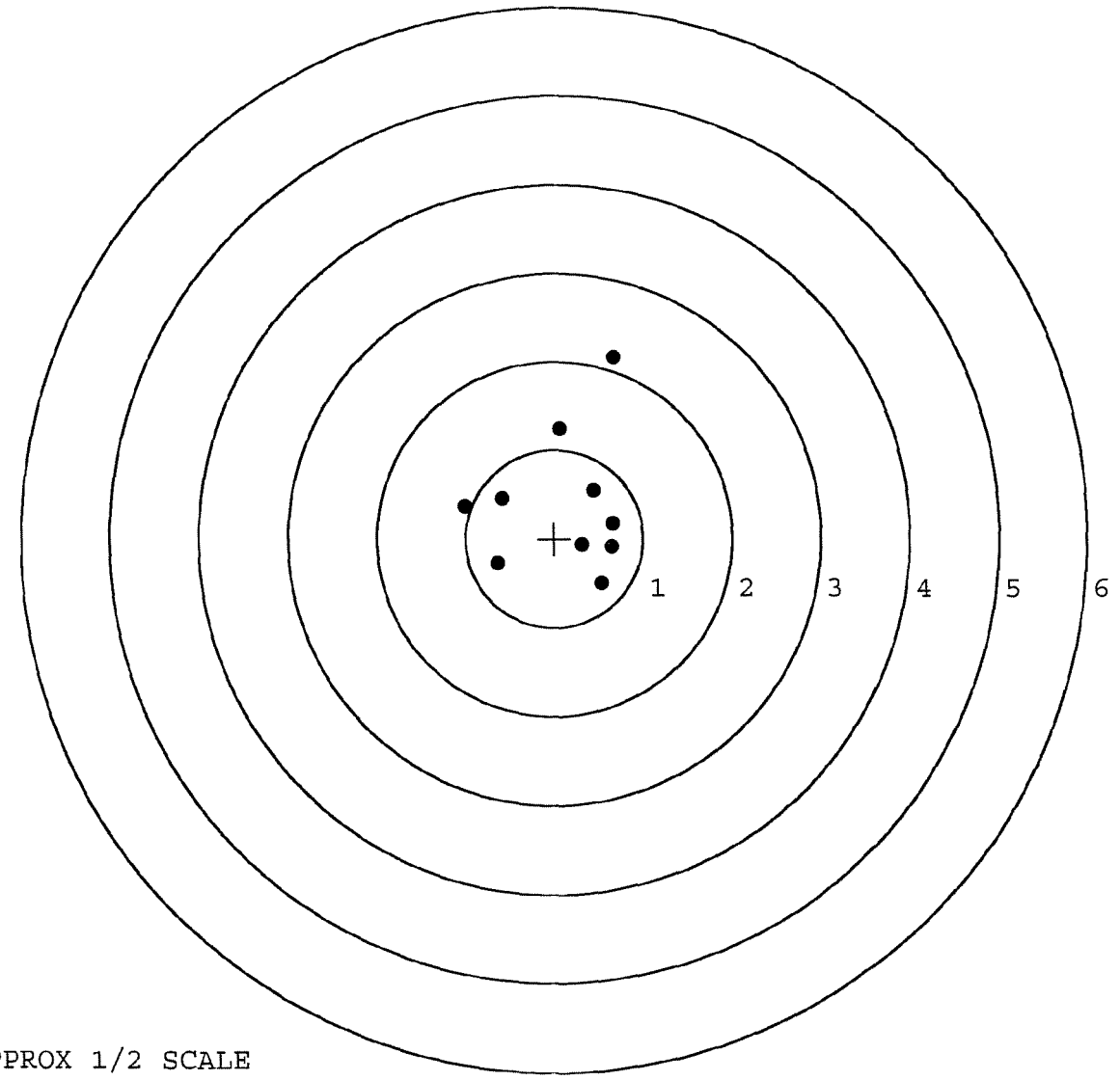



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645300.__0
TARGET NUMBER: 3
FILE DATE: 07/31/2007
FILE TIME: 23:06

| | |
|---|---|
| X CENTROID: | 0.108 |
| Y CENTROID: | 0.387 |
| POA TO CENTROID: | 0.402 |
| HORZ SPREAD: | 1.664 |
| VERT SPREAD: | 2.556 |
| GROUP SPREAD: | 2.667 |
| MIN RADIUS: | 0.371 |
| MAX RADIUS: | 1.753 |
| MEAN RADIUS: | 0.859 |
| # IN 1 IN DIAMETER: | 1 |
| # IN 2 IN DIAMETER: | 7 |
| # in 3 IN DIAMETER: | 9 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.060 | 1.235 |
| 2: | 0.446 | 0.541 |
| 3: | 0.656 | 2.052 |
| 4: | -0.591 | 0.447 |
| 5: | -1.008 | 0.362 |
| 6: | -0.639 | -0.280 |
| 7: | 0.654 | 0.180 |
| 8: | 0.652 | -0.092 |
| 9: | 0.320 | -0.071 |
| 10: | 0.535 | -0.504 |

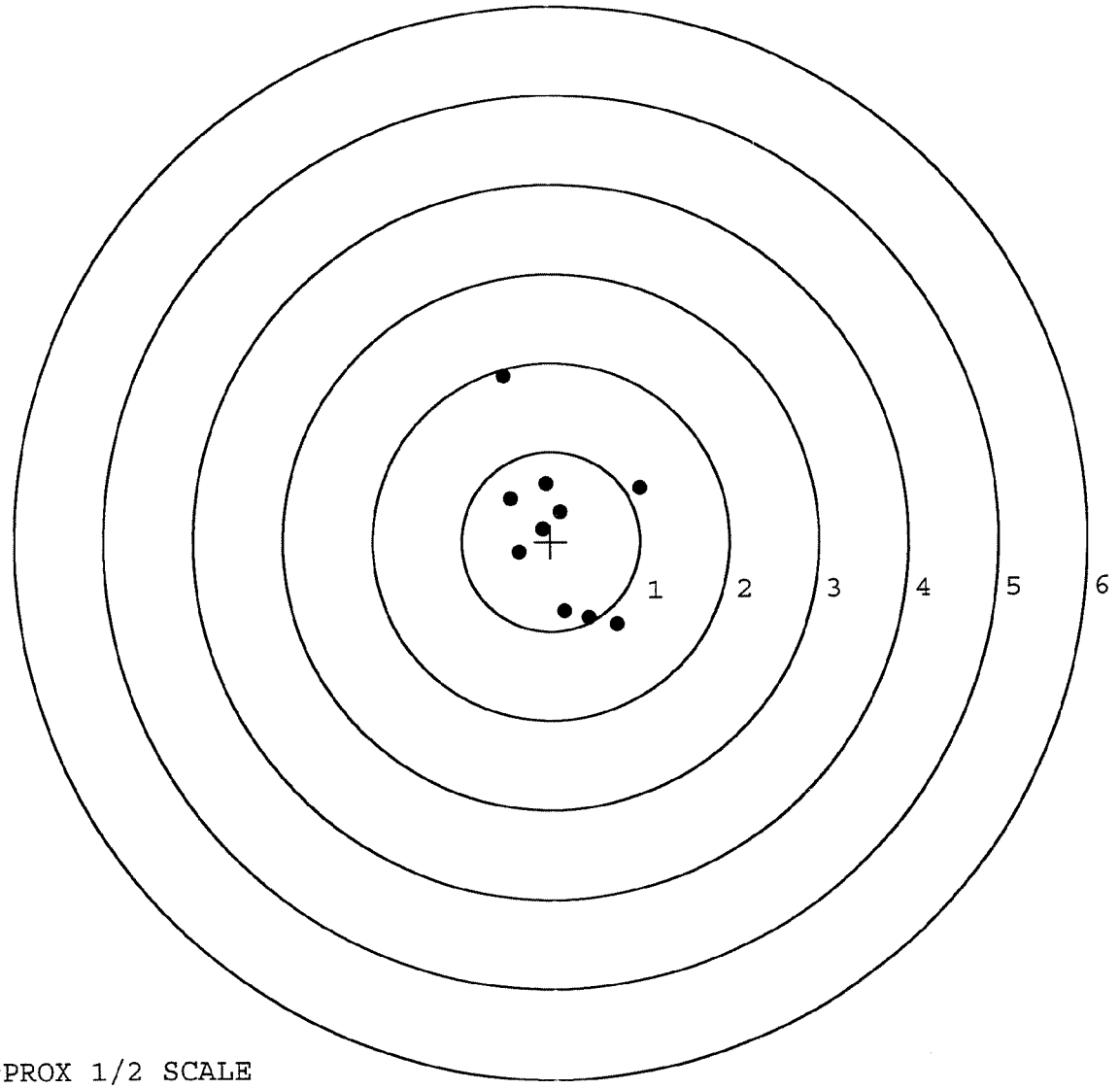



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645300.__0
TARGET NUMBER: 4
FILE DATE: 07/31/2007
FILE TIME: 23:06

| | |
|---|---|
| X CENTROID: | 0.095 |
| Y CENTROID: | 0.132 |
| POA TO CENTROID: | 0.163 |
| HORZ SPREAD: | 1.520 |
| VERT SPREAD: | 2.791 |
| GROUP SPREAD: | 3.061 |
| MIN RADIUS: | 0.185 |
| MAX RADIUS: | 1.827 |
| MEAN RADIUS: | 0.813 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 6 |
| # in 3 IN DIAMETER: | 9 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.049 | 0.642 |
| 2: | 0.110 | 0.333 |
| 3: | -0.090 | 0.135 |
| 4: | -0.447 | 0.477 |
| 5: | -0.360 | -0.125 |
| 6: | 0.153 | -0.784 |
| 7: | 0.420 | -0.859 |
| 8: | 0.737 | -0.939 |
| 9: | 1.000 | 0.585 |
| 10: | -0.520 | 1.852 |

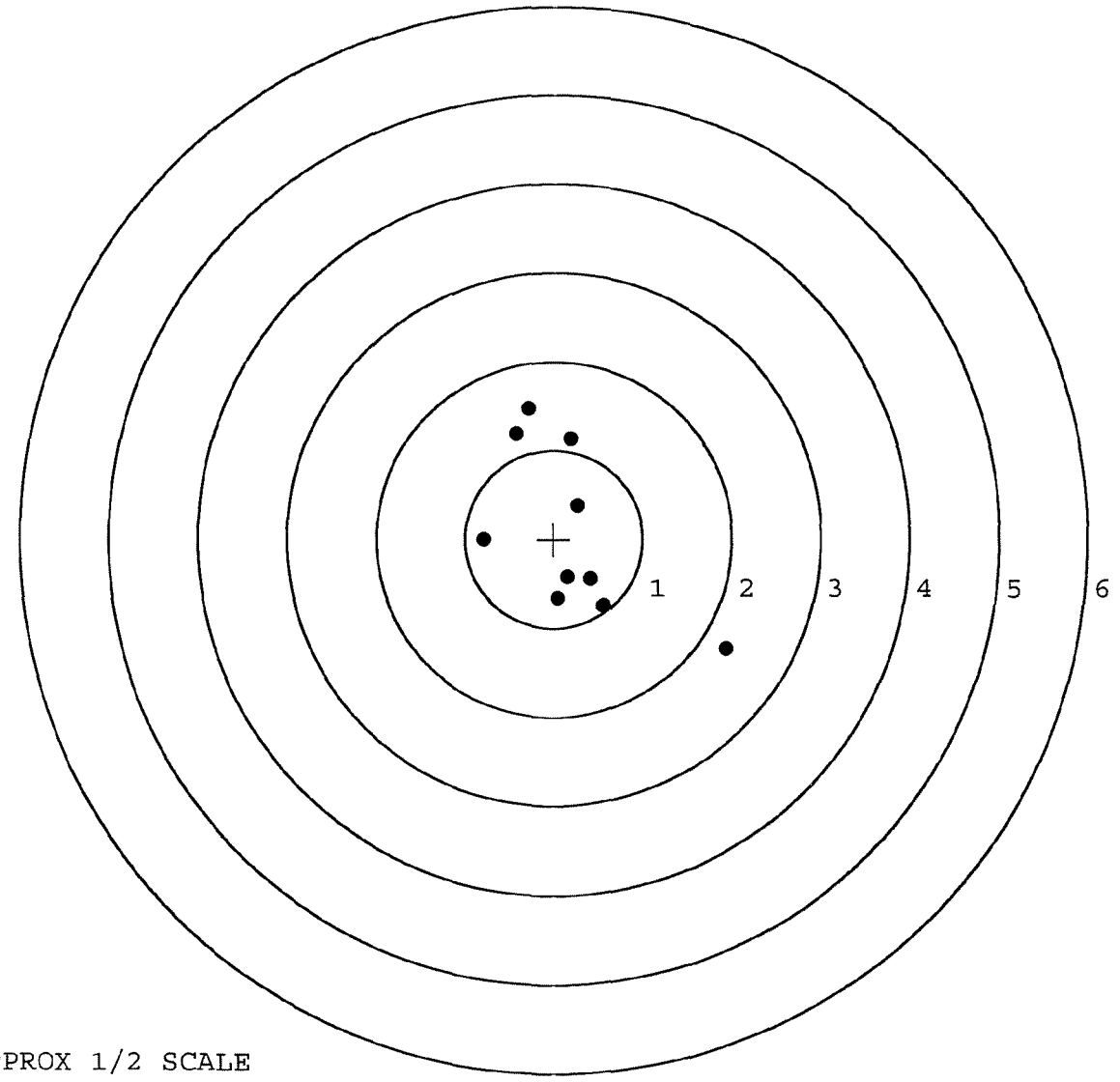



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645300.__0
TARGET NUMBER: 5
FILE DATE: 07/31/2007
FILE TIME: 23:06

| | |
|---|---|
| X CENTROID: | 0.207 |
| Y CENTROID: | 0.062 |
| POA TO CENTROID: | 0.216 |
| HORZ SPREAD: | 2.722 |
| VERT SPREAD: | 2.704 |
| GROUP SPREAD: | 3.500 |
| MIN RADIUS: | 0.325 |
| MAX RADIUS: | 2.159 |
| MEAN RADIUS: | 1.002 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 6 |
| # in 3 IN DIAMETER: | 9 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.288 | 1.470 |
| 2: | -0.430 | 1.185 |
| 3: | 0.190 | 1.129 |
| 4: | 0.272 | 0.380 |
| 5: | -0.788 | -0.009 |
| 6: | 0.156 | -0.431 |
| 7: | 0.046 | -0.667 |
| 8: | 0.416 | -0.452 |
| 9: | 0.566 | -0.755 |
| 10: | 1.934 | -1.234 |




TARGET APPROX 1/2 SCALE