**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**

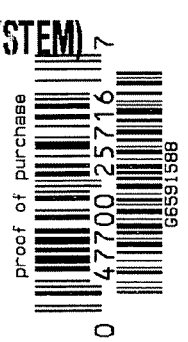

SERIAL NO.


CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

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

– INSTUCTION BOOK 3518

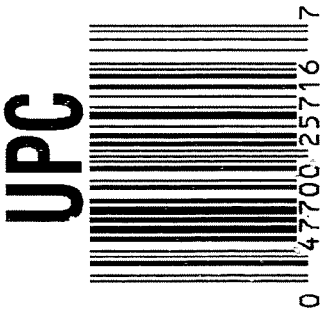
DD FORM





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

**G6591588**



M-24

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6591588

| OP # | OPERATION NAME | READINGS | DATE | INITIAL |
|---|---|---|---|---|
| 410 | SERIALIZE BOLT HANDLE | | 10-6-06 | BLG |
| 420 | ASSEMBLE ACTION | | 10-7-06 | BLG |
| 430 | ASSEMBLE TO STOCK | | 10-7-06 | WFC |
| 440 | PROOF | | 10-7-06 | TRW |
| 460 | CHECK HEADSPACE | INSPECTED OCT 12 2006 | 10-7-06 | TRW |
| 470 | DIS-ASSEMBLE ACTION | | 10-9-06 | RTC |
| 480 | MAGNAFLUX BBL ACTION | OPERATOR | 10/12/06 | |
| 490 | MAGNAFLUX BOLT | | | |
| 500 | ROLLMARK CALIBER | | 10-10-06 | CW |
| 510 | DRILL AND TAP SIGHT HOLES | | 10-9-06 | TRW |
| 520 | GOFF BLAST BBL / REC | | 10-13-06 | LG |
| 530 & 540 | APPLY COATINGS (BARREL ACTION) (BOLT) | | 10/16 | |
| 560 | RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY | | 10-24-06 | SD |
| | B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD | | 10-24-06 | SD |
| | C) INSPECT EJECTOR HOLE FOR CHAMFER | | 10-24-06 | SD |
| | D) OIL FIRING PIN ASSEMBLY | | | |
| | E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS | | | |

F004 REV 5/2006

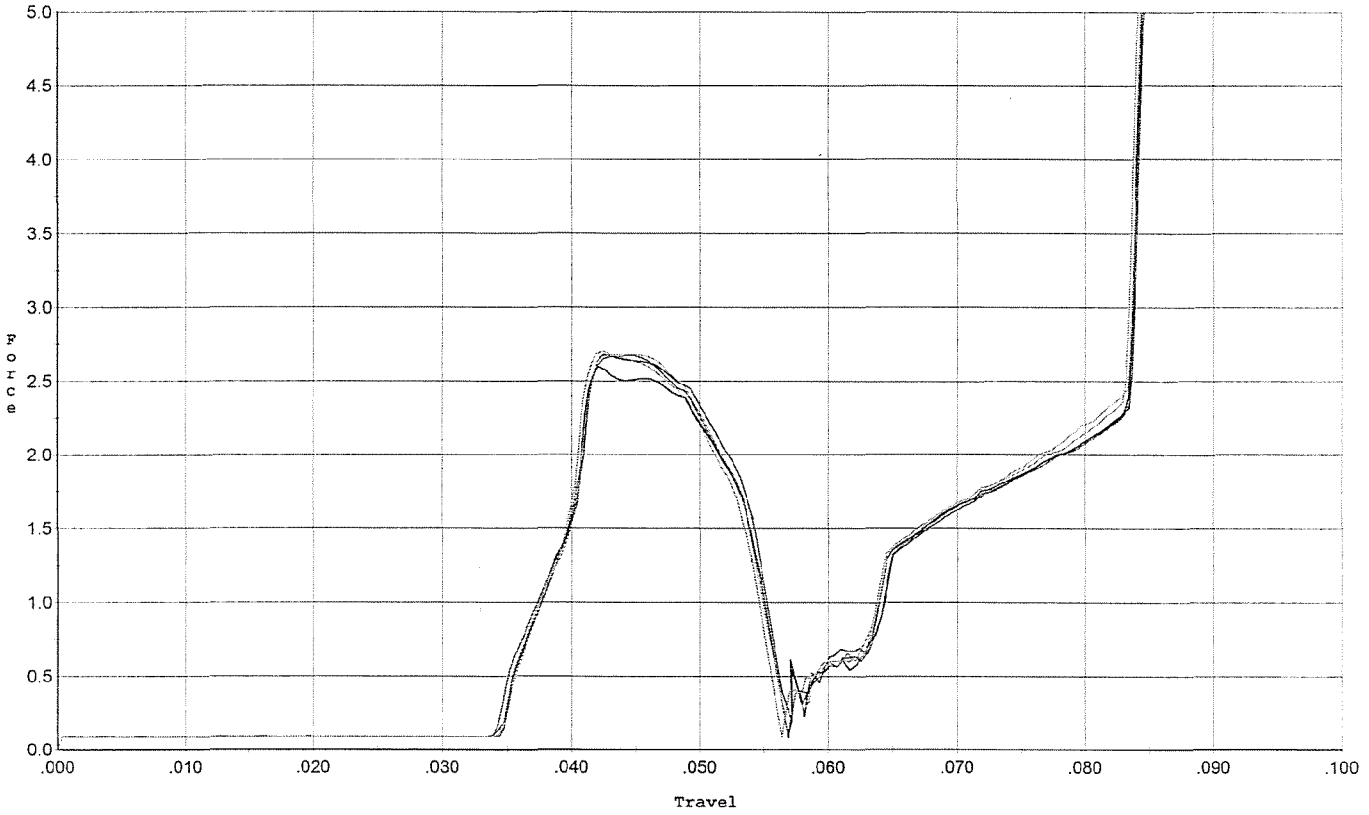
| OP # BARBER M24 0168309 | | | READINGS | | | DATE | INITIAL |
|---|---|---|---|---|---|---|---|
| 560 | F) SAFETY ON FORCE | 2 LBS MIN 10 LBS MAX | 4.0 | 4.5 | 4.0 | 11-14-06 | SD |
| CONT. | G) SAFETY OFF FORCE | 2 LBS MIN | 6.5 | 7.0 | 6.5 | 11-14-06 | SD |
| | H) TRIGGER PULL TEST AND RETAINABILITY | | | | | | |
| | I) FIRING PIN INDENT | .020 MIN | .025 | .024 | .025 | 11-14-06 | SD |
| | J) ASSEMBLE STOCK | | | | | | |
| | K) ASSEMBLE SWIVEL STUDS | | | | | 11-15-06 | S.P.D. |
| | L) ATTACH FRONT AND REAR SIGHT ASSY'S | | | | | | |
| | M) IRON SIGHT ALIGNMENT | | | | | | |
| | N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER | | | | | | |
| 640 & 650 | FUNCTION TEST AND TARGET | | (PASS) FAIL<br>(PASS) FAIL | | | 11-1-06 | TRW |
| | MALFUNCTION (Hover Lived | | CORRECTION OK | | | 11-7-06 | TRW |
| | MALFUNCTION | | CORRECTION | | | | |
| | MALFUNCTION | | CORRECTION | N/A | | | |
| | MALFUNCTION | | CORRECTION | | | | |
| 660 | INSPECT FOR LIVE AMMO | | | | | 11/1/06 | WC |
| 670 | FINAL INSPECTION A) HEADSPACE | | | | | 11-15-06 | S.P.D. |
| | B) TRIGGER PULL | +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS | 2.31 | 2.38 | 2.39 2.32 2.34 | 11-13-06 | SD |
| | C) FUNCTION | | | | | 11-15-06 | S.P.D. |
| 690 | PACK | | | | | 11/17/06 | DA |

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

## 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 10/19/06 | | |



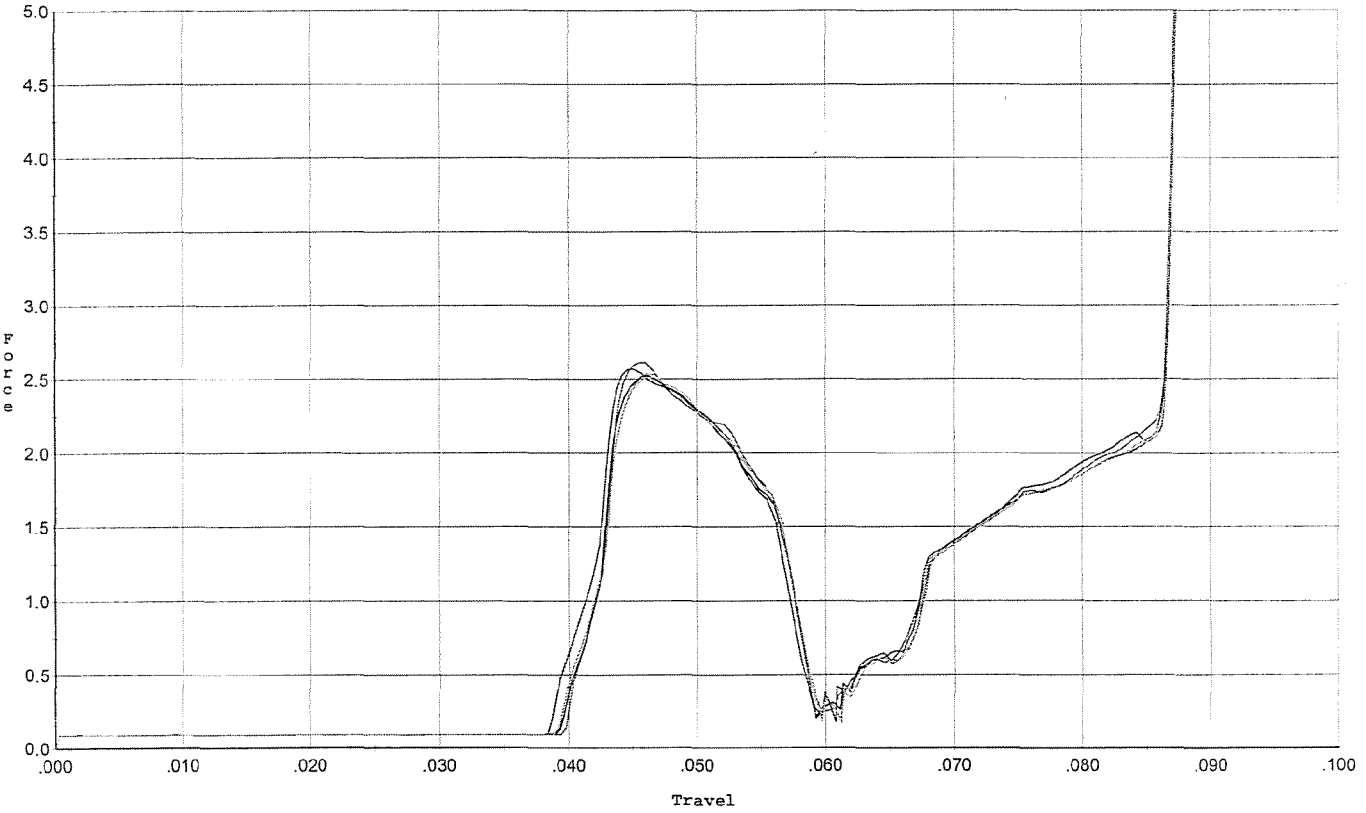

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.683 | 0.054 | 0.035 | 0.037 | 0.042 | | Set Trigger |
| 2 | 2.598 | 0.055 | 0.035 | 0.036 | 0.041 | | Set Trigger |
| 3 | 2.676 | 0.055 | 0.034 | 0.036 | 0.042 | | Set Trigger |
| 4 | 2.681 | 0.053 | 0.035 | 0.037 | 0.040 | | Set Trigger |
| 5 | 2.704 | 0.054 | 0.035 | 0.037 | 0.041 | | Set Trigger |

Avg 2.66

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/19/2006 10:38:13 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 10/19/06 | | |



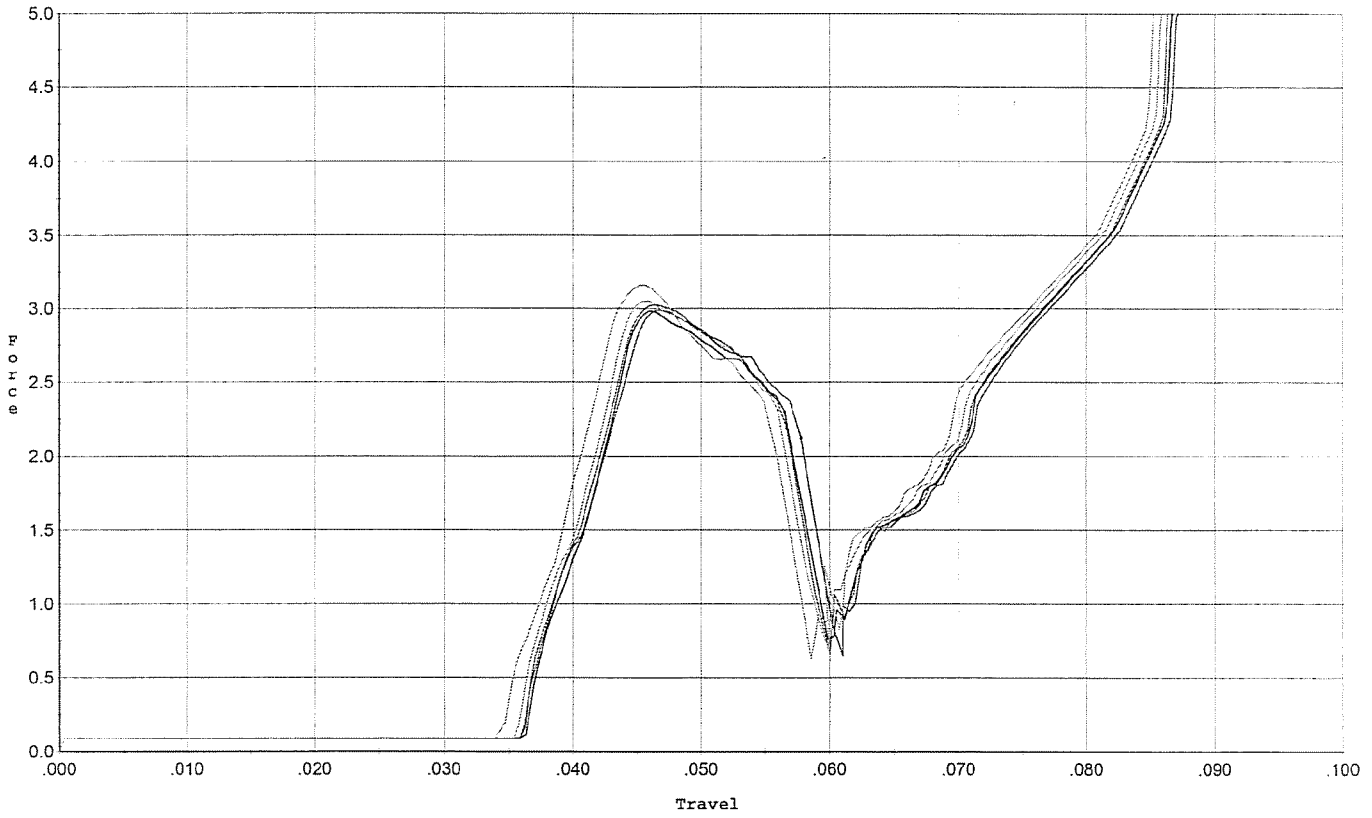

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.568 | 0.056 | 0.039 | 0.038 | 0.037 | | Set Trigger |
| 2 | 2.524 | 0.057 | 0.040 | 0.038 | 0.037 | | Set Trigger |
| 3 | 2.611 | 0.057 | 0.040 | 0.038 | 0.037 | | Set Trigger |
| 4 | 2.537 | 0.057 | 0.039 | 0.038 | 0.037 | | Set Trigger |
| 5 | 2.515 | 0.057 | 0.040 | 0.038 | 0.037 | | Set Trigger |

Avg 2.55

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/19/2006 10:40:34 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 10/19/06 | | |



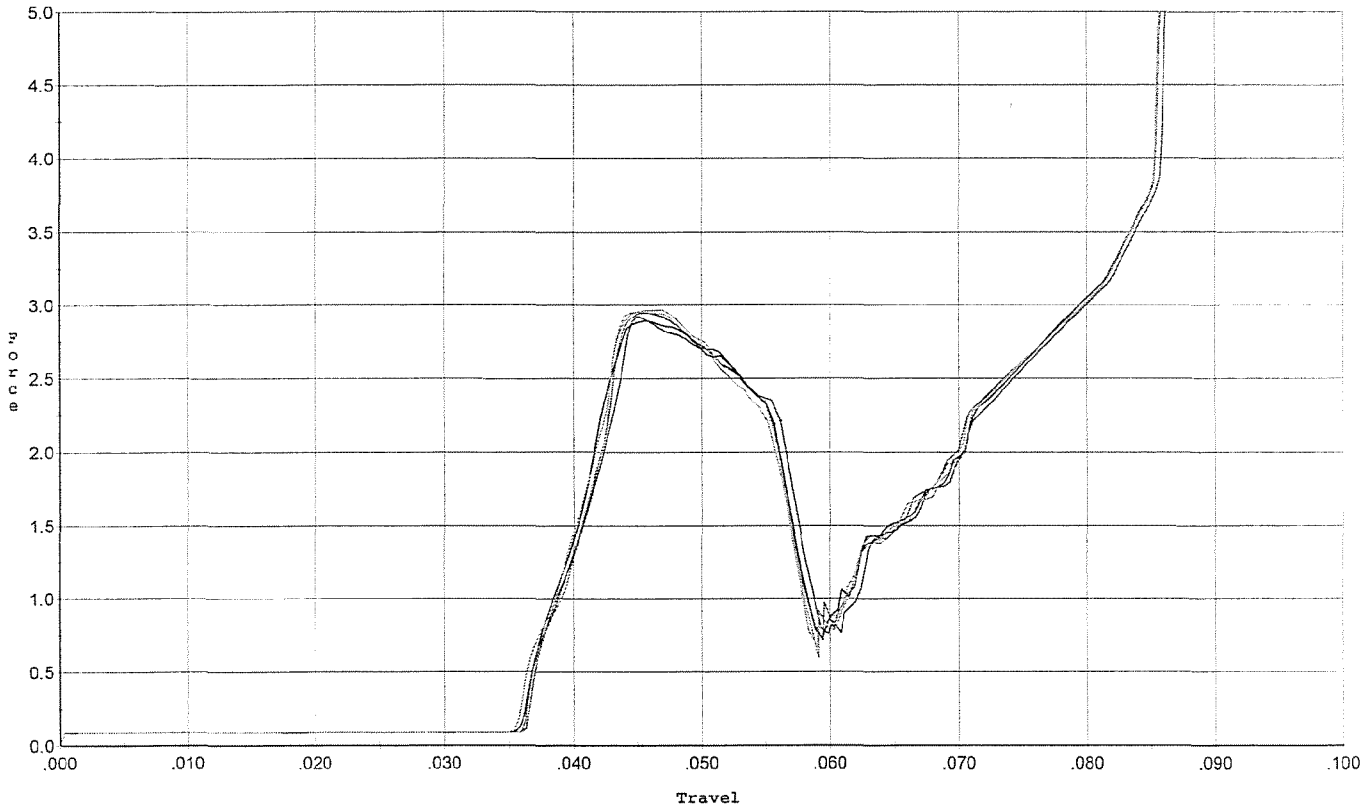

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.988 | 0.058 | 0.036 | 0.036 | 0.053 | | Set Trigger |
| 2 | 2.985 | 0.057 | 0.037 | 0.036 | 0.050 | | Set Trigger |
| 3 | 3.027 | 0.057 | 0.036 | 0.036 | 0.051 | | Set Trigger |
| 4 | 3.052 | 0.056 | 0.036 | 0.036 | 0.051 | | Set Trigger |
| 5 | 3.161 | 0.056 | 0.035 | 0.035 | 0.052 | | Set Trigger |

Avg 3.04

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/19/2006 10:46:05 AM

## 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 10/19/06 | | |



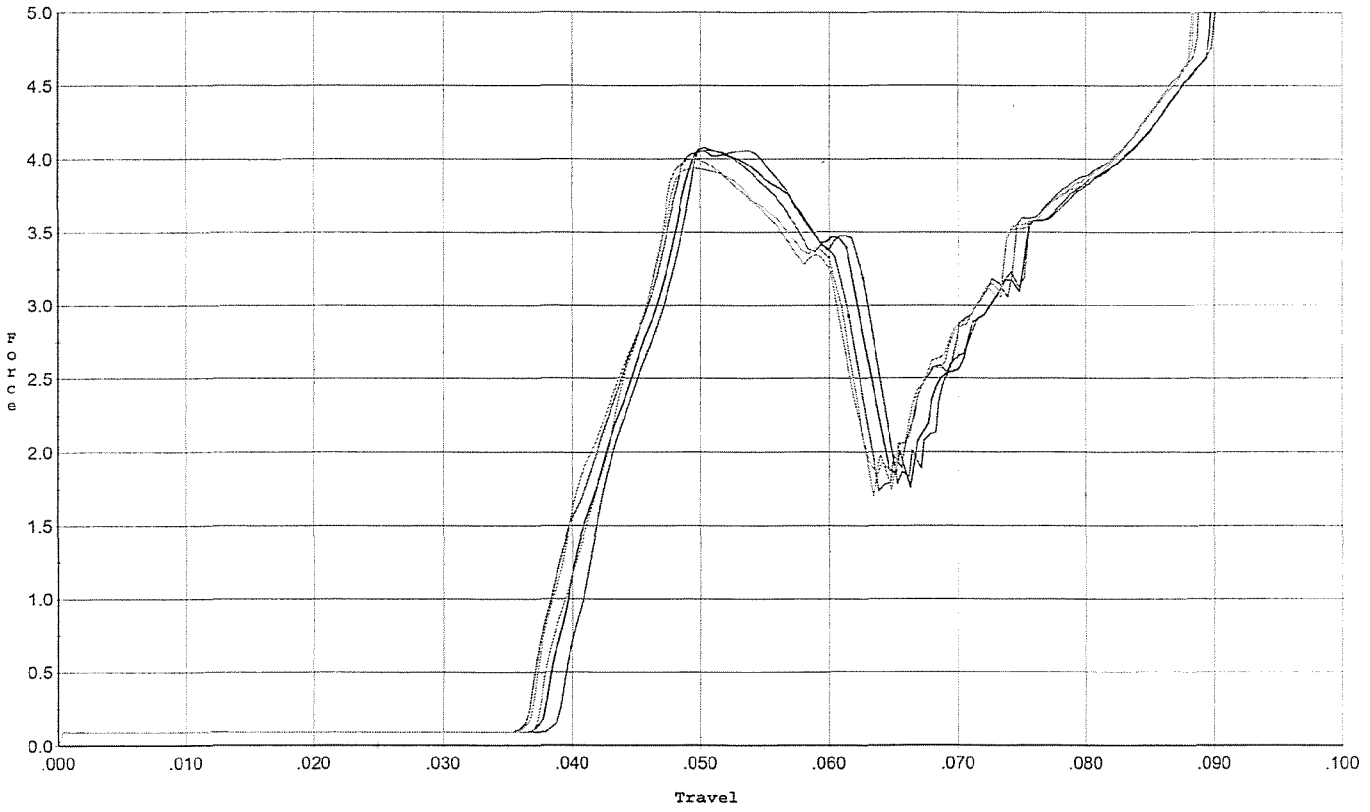

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.923 | 0.056 | 0.037 | 0.036 | 0.048 | | Set Trigger |
| 2 | 2.893 | 0.056 | 0.036 | 0.036 | 0.048 | | Set Trigger |
| 3 | 2.945 | 0.056 | 0.036 | 0.036 | 0.047 | | Set Trigger |
| 4 | 2.952 | 0.056 | 0.036 | 0.036 | 0.048 | | Set Trigger |
| 5 | 2.964 | 0.056 | 0.036 | 0.036 | 0.048 | | Set Trigger |

Avg 2.93

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/19/2006 10:48:40 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 10/19/06 | | |



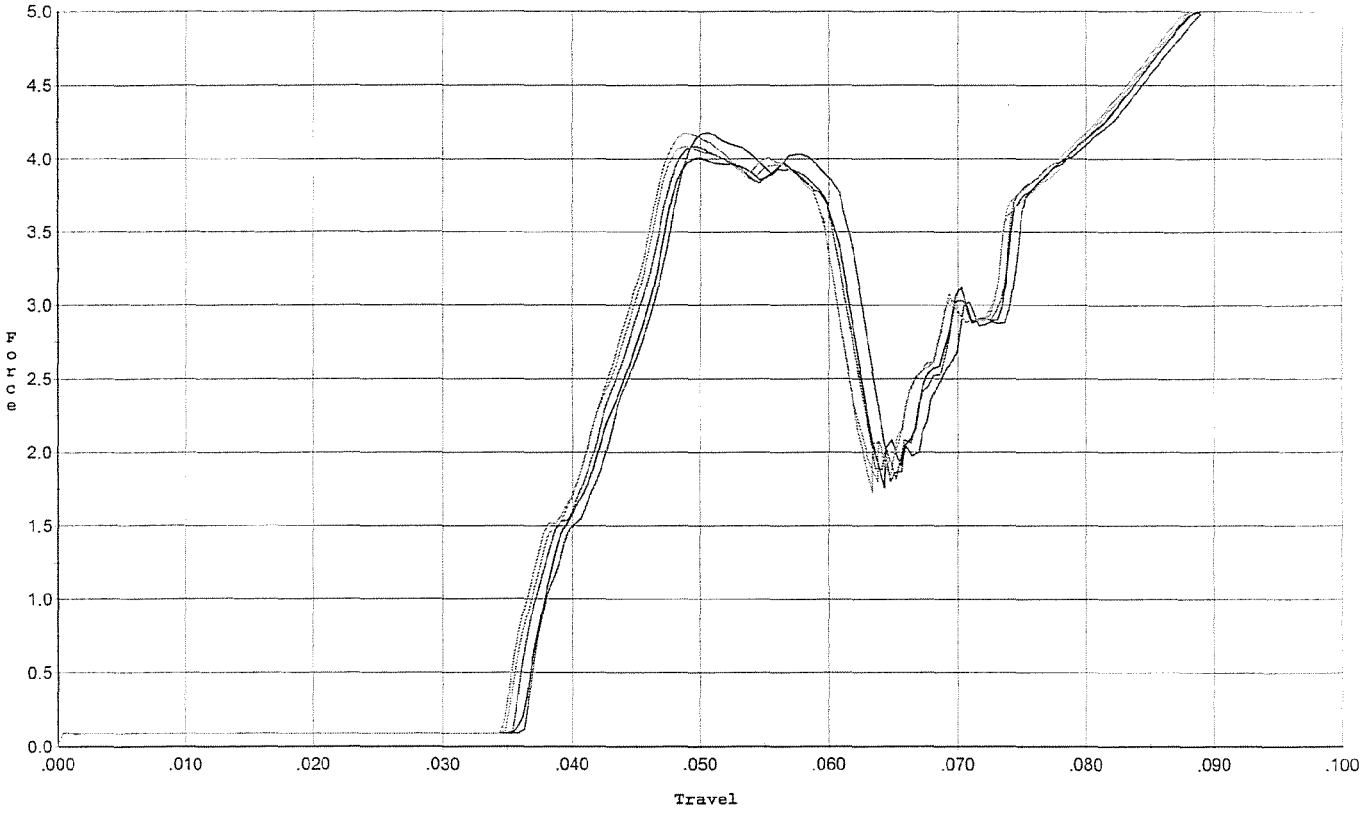

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.057 | 0.063 | 0.039 | 0.032 | 0.078 | | Set Trigger |
| 2 | 4.077 | 0.061 | 0.038 | 0.033 | 0.077 | | Set Trigger |
| 3 | 4.058 | 0.062 | 0.037 | 0.032 | 0.079 | | Set Trigger |
| 4 | 3.936 | 0.061 | 0.037 | 0.032 | 0.077 | | Set Trigger |
| 5 | 4.003 | 0.060 | 0.037 | 0.033 | 0.072 | | Set Trigger |

Avg 4.02

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/19/2006 10:52:00 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 10/19/06 | | |



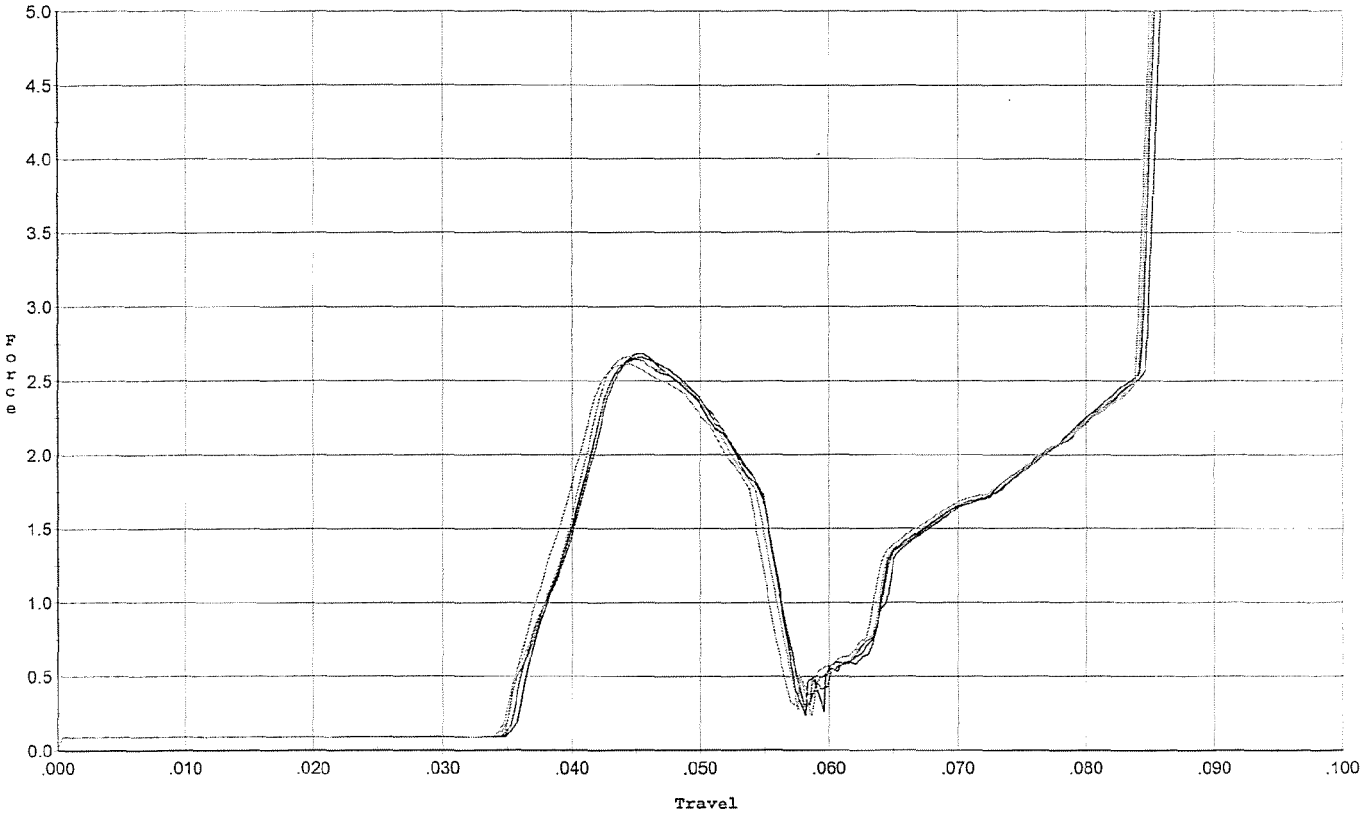

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.179 | 0.062 | 0.037 | 0.032 | 0.084 | | Set Trigger |
| 2 | 4.007 | 0.061 | 0.036 | 0.032 | 0.080 | | Set Trigger |
| 3 | 4.084 | 0.062 | 0.036 | 0.032 | 0.083 | | Set Trigger |
| 4 | 4.082 | 0.060 | 0.035 | 0.033 | 0.080 | | Set Trigger |
| 5 | 4.174 | 0.060 | 0.035 | 0.032 | 0.082 | | Set Trigger |

Avg 4.10

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/19/2006 10:55:36 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 10/19/06 | | |



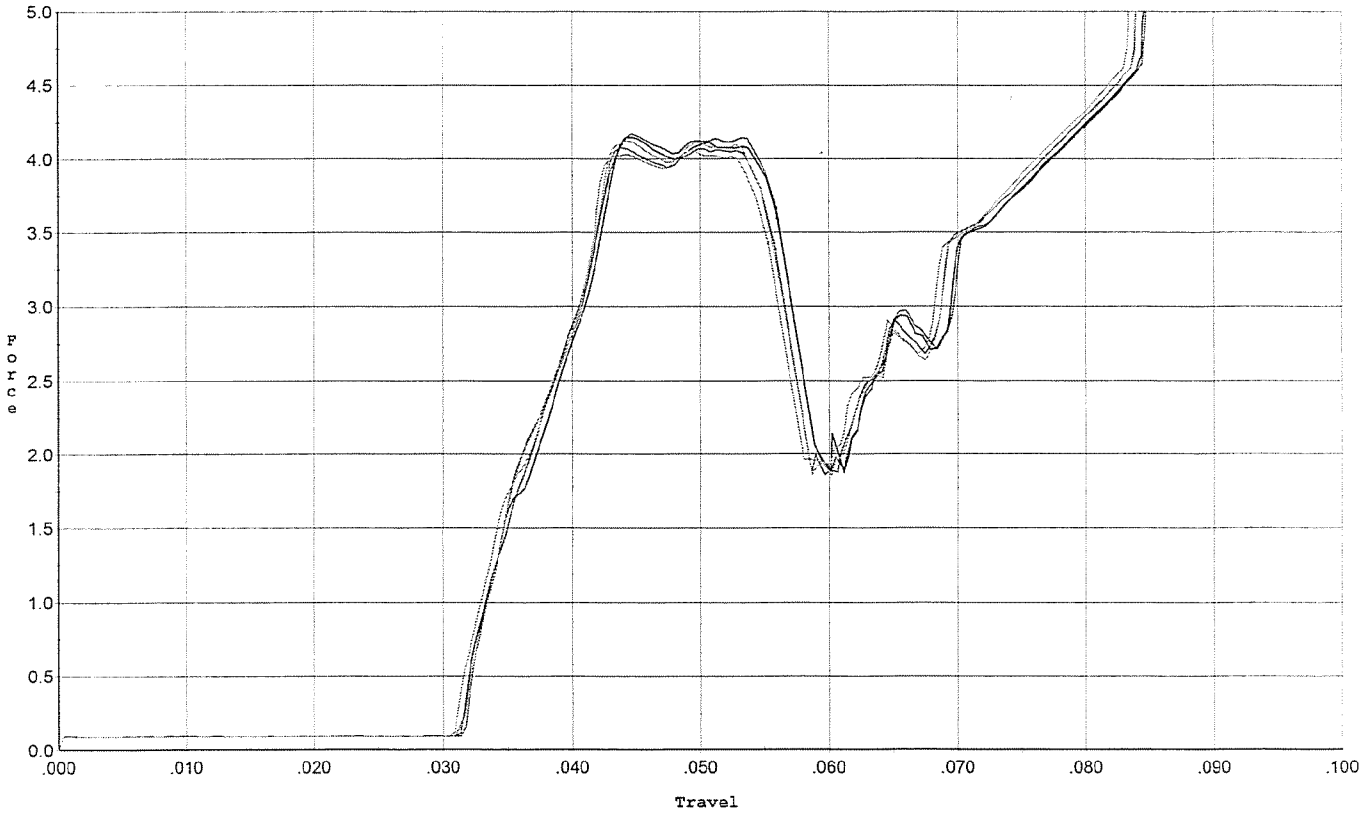

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.658 | 0.055 | 0.035 | 0.037 | 0.042 | | Set Trigger |
| 2 | 2.685 | 0.055 | 0.036 | 0.037 | 0.042 | | Set Trigger |
| 3 | 2.645 | 0.055 | 0.035 | 0.037 | 0.042 | | Set Trigger |
| 4 | 2.664 | 0.054 | 0.035 | 0.037 | 0.042 | | Set Trigger |
| 5 | 2.618 | 0.054 | 0.035 | 0.037 | 0.041 | | Set Trigger |

Avg 2.65

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/19/2006 11:01:09 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 10/19/06 | | |




| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.171 | 0.056 | 0.032 | 0.032 | 0.083 | | Set Trigger |
| 2 | 4.148 | 0.056 | 0.032 | 0.032 | 0.082 | | Set Trigger |
| 3 | 4.077 | 0.056 | 0.031 | 0.032 | 0.081 | | Set Trigger |
| 4 | 4.124 | 0.056 | 0.032 | 0.032 | 0.082 | | Set Trigger |
| 5 | 4.074 | 0.055 | 0.031 | 0.032 | 0.079 | | Set Trigger |

Avg 4.11

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591588.__0
FILE DATE AND TIME: 11/02/2006 06:18

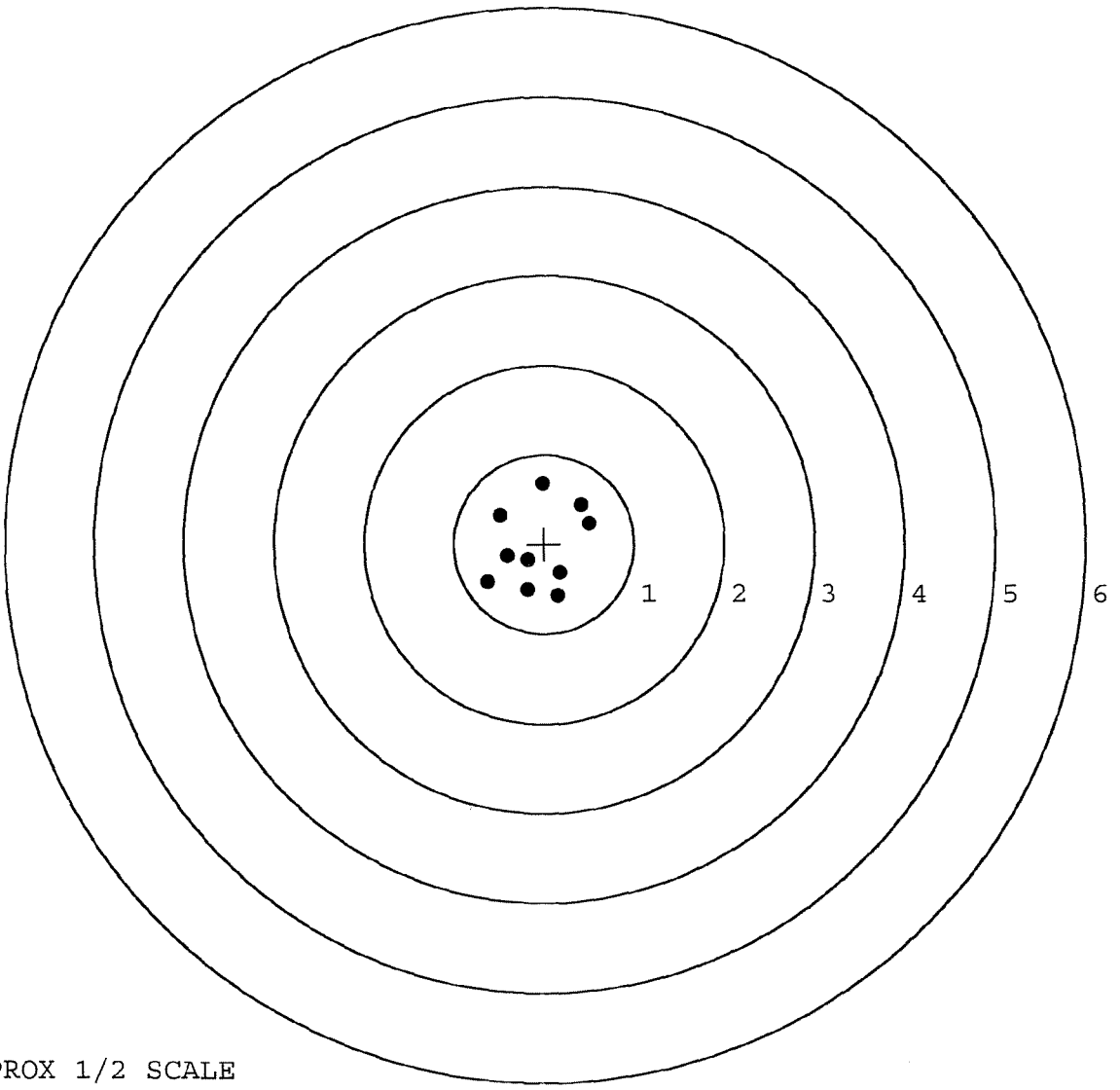
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

| | |
|---|---|
| The Average X Centroid of the Five Target Set: | -0.066 |
| The Average Y Centroid of the Five Target Set: | -0.059 |
| The Average Point of Impact of the Five Target Set: | 0.088 |
| The Average Mean Radius of the Five Target Set: | 0.647 |
| The Distance from POA to Centroid Target #1: | 0.085 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.021 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.106 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.080 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.145 |

SERIAL NUMBER: G6591588.__0
TARGET NUMBER: 1
FILE DATE: 11/02/2006
FILE TIME: 06:18

| | |
|---|---|
| X CENTROID: | -0.068 |
| Y CENTROID: | -0.052 |
| POA TO CENTROID: | 0.085 |
| HORZ SPREAD: | 1.118 |
| VERT SPREAD: | 1.256 |
| GROUP SPREAD: | 1.270 |
| MIN RADIUS: | 0.176 |
| MAX RADIUS: | 0.732 |
| MEAN RADIUS: | 0.523 |
| # IN 1 IN DIAMETER: | 4 |
| # IN 2 IN DIAMETER: | 10 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.494 | 0.233 |
| 2: | 0.413 | 0.434 |
| 3: | -0.026 | 0.679 |
| 4: | -0.491 | 0.314 |
| 5: | 0.159 | -0.577 |
| 6: | -0.185 | -0.515 |
| 7: | 0.181 | -0.325 |
| 8: | -0.185 | -0.183 |
| 9: | -0.624 | -0.432 |
| 10: | -0.412 | -0.145 |

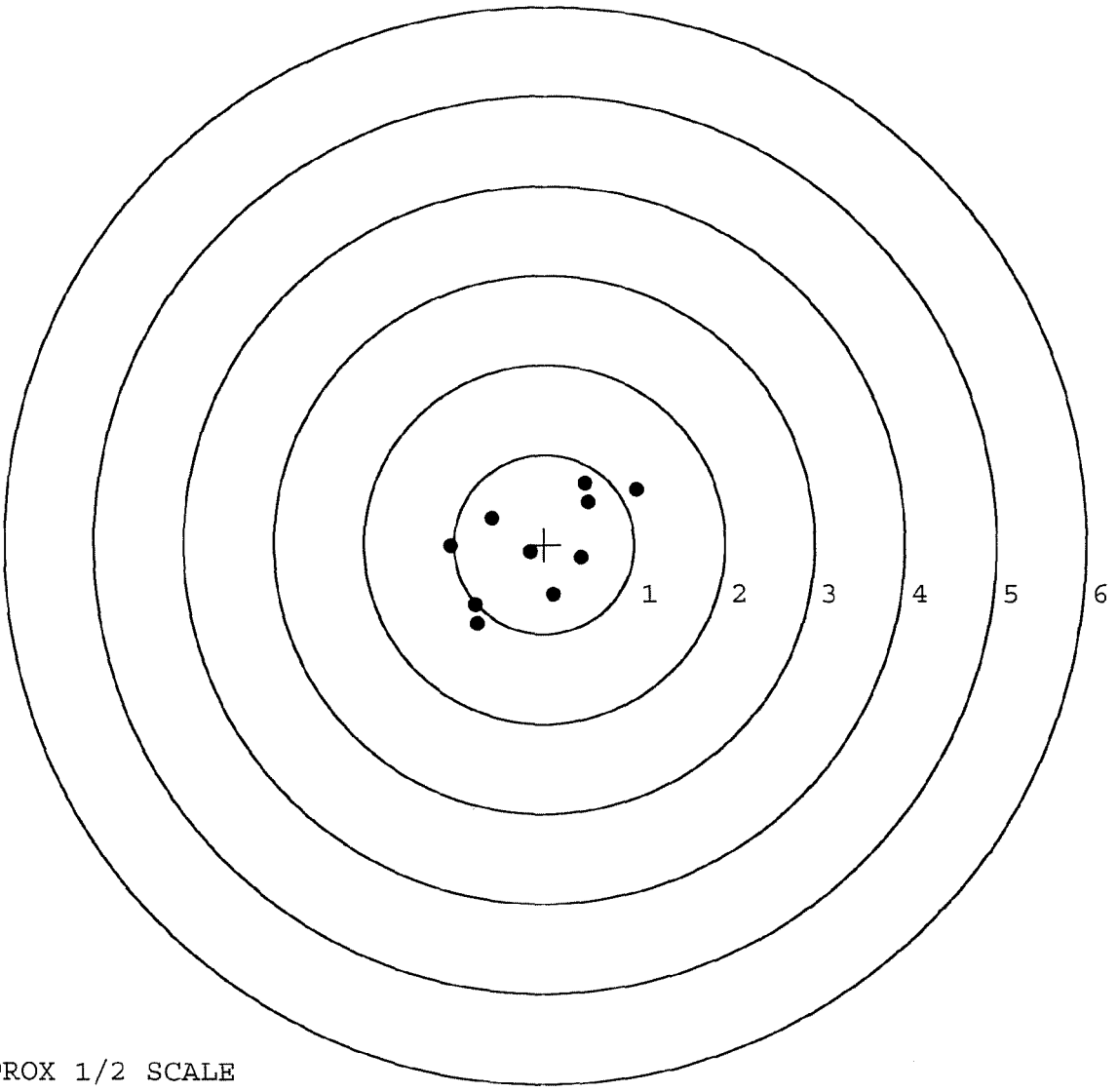



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591588.__0
TARGET NUMBER: 2
FILE DATE: 11/02/2006
FILE TIME: 06:18

| | |
|---|---|
| X CENTROID: | -0.079 |
| Y CENTROID: | -0.034 |
| POA TO CENTROID: | 0.086 |
| HORZ SPREAD: | 2.066 |
| VERT SPREAD: | 1.579 |
| GROUP SPREAD: | 2.319 |
| MIN RADIUS: | 0.095 |
| MAX RADIUS: | 1.280 |
| MEAN RADIUS: | 0.768 |
| # IN 1 IN DIAMETER: | 1 |
| # IN 2 IN DIAMETER: | 8 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.736 | -0.896 |
| 2: | -0.763 | -0.686 |
| 3: | -1.040 | -0.024 |
| 4: | -0.581 | 0.291 |
| 5: | -0.159 | -0.086 |
| 6: | 0.105 | -0.561 |
| 7: | 0.412 | -0.149 |
| 8: | 1.026 | 0.612 |
| 9: | 0.455 | 0.683 |
| 10: | 0.491 | 0.472 |

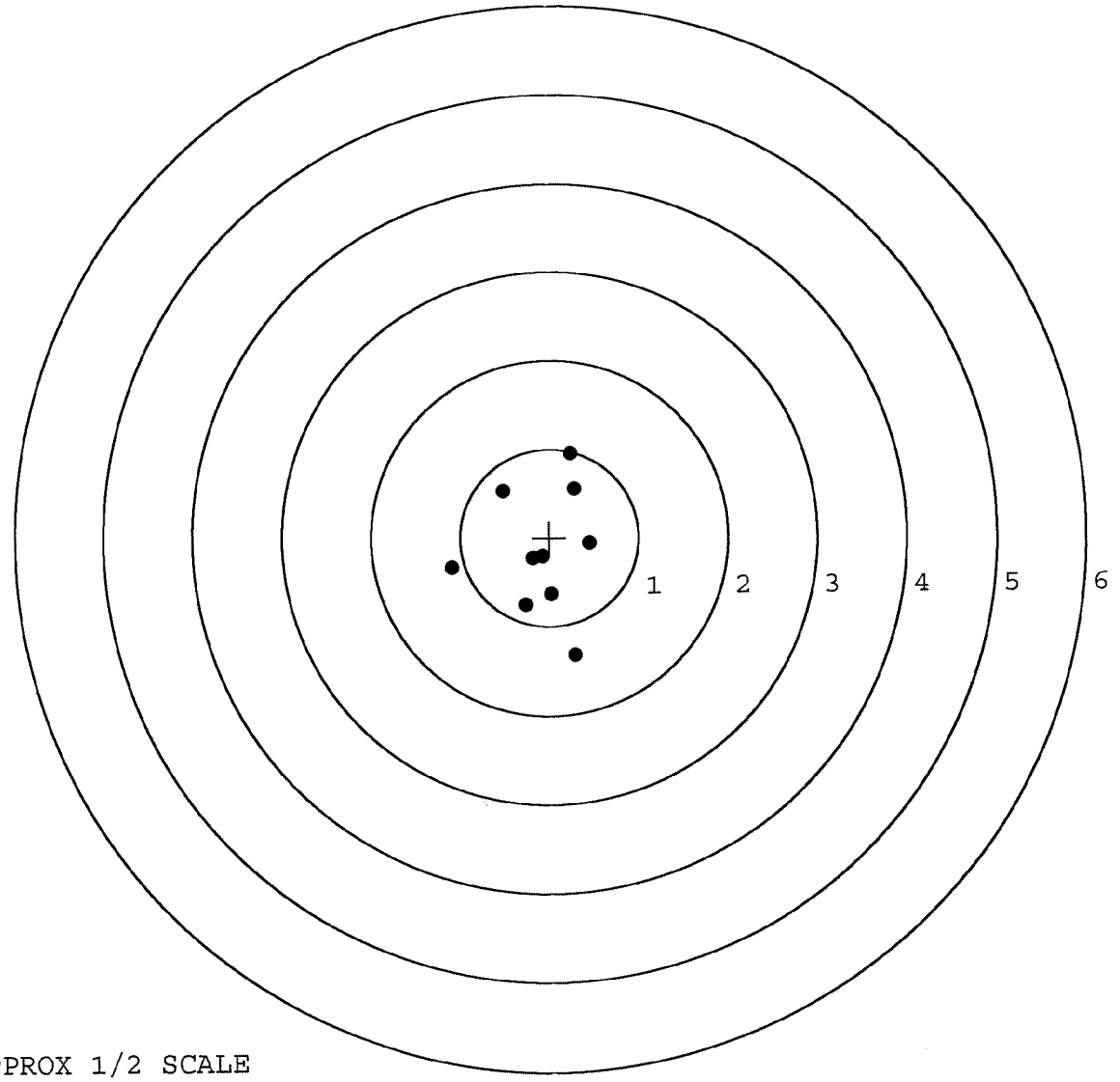



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591588.__0
TARGET NUMBER: 3
FILE DATE: 11/02/2006
FILE TIME: 06:18

| | |
|---|---|
| X CENTROID: | -0.088 |
| Y CENTROID: | -0.156 |
| POA TO CENTROID: | 0.179 |
| HORZ SPREAD: | 1.544 |
| VERT SPREAD: | 2.284 |
| GROUP SPREAD: | 2.284 |
| MIN RADIUS: | 0.061 |
| MAX RADIUS: | 1.234 |
| MEAN RADIUS: | 0.689 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 7 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.281 | -1.333 |
| 2: | -0.271 | -0.763 |
| 3: | 0.018 | -0.640 |
| 4: | -0.189 | -0.237 |
| 5: | 0.448 | -0.067 |
| 6: | 0.281 | 0.551 |
| 7: | 0.244 | 0.951 |
| 8: | -0.519 | 0.532 |
| 9: | -1.096 | -0.336 |
| 10: | -0.081 | -0.216 |

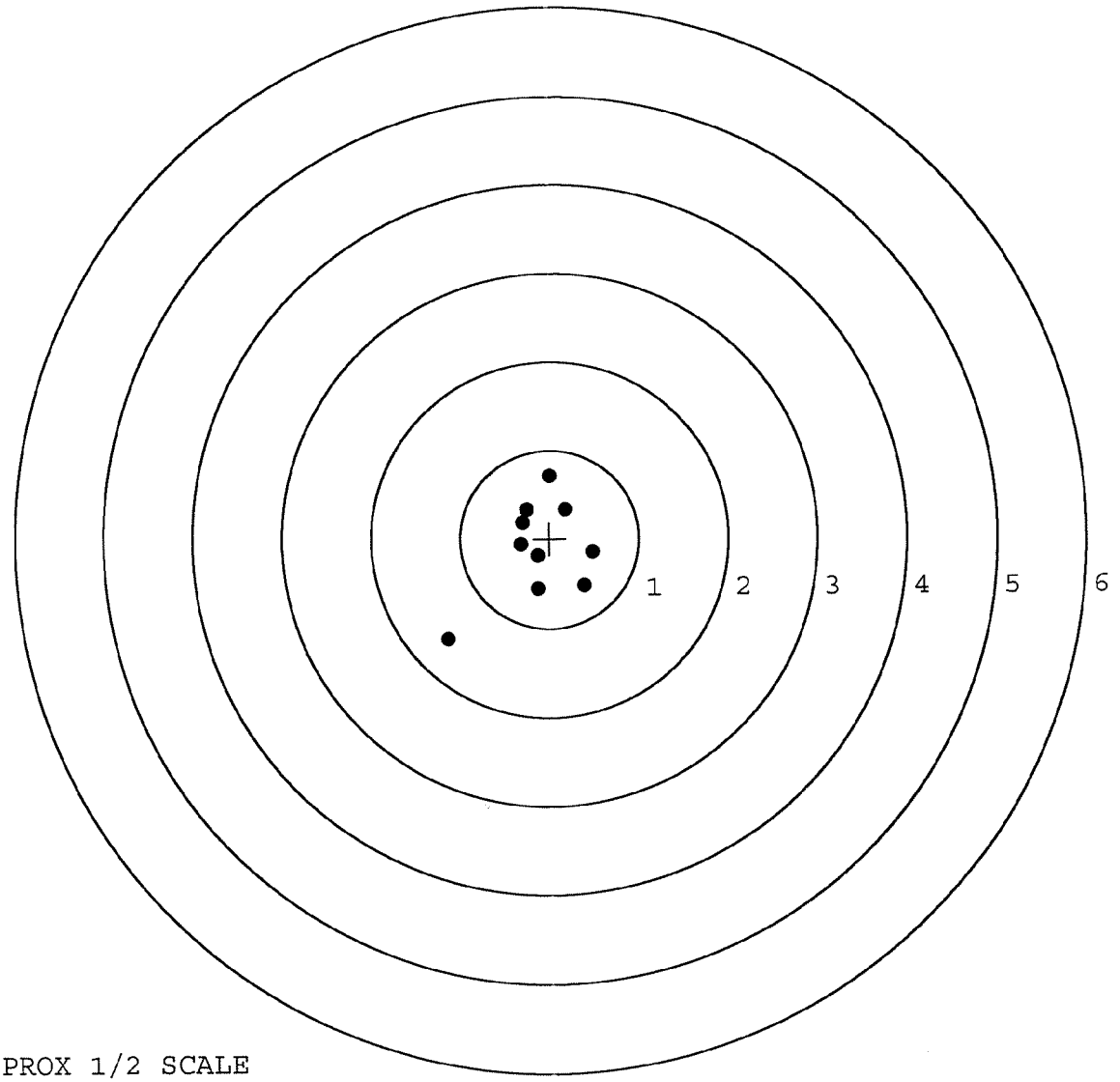



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591588.__0
TARGET NUMBER: 4
FILE DATE: 11/02/2006
FILE TIME: 06:18

| | |
|---|---|
| X CENTROID: | -0.125 |
| Y CENTROID: | -0.108 |
| POA TO CENTROID: | 0.165 |
| HORZ SPREAD: | 1.627 |
| VERT SPREAD: | 1.829 |
| GROUP SPREAD: | 2.156 |
| MIN RADIUS: | 0.090 |
| MAX RADIUS: | 1.436 |
| MEAN RADIUS: | 0.562 |
| # IN 1 IN DIAMETER: | 5 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | -1.144 | -1.119 |
| 2: | 0.483 | -0.156 |
| 3: | 0.390 | -0.532 |
| 4: | -0.134 | -0.565 |
| 5: | -0.139 | -0.197 |
| 6: | -0.302 | 0.183 |
| 7: | -0.254 | 0.332 |
| 8: | -0.002 | 0.710 |
| 9: | 0.177 | 0.333 |
| 10: | -0.323 | -0.069 |



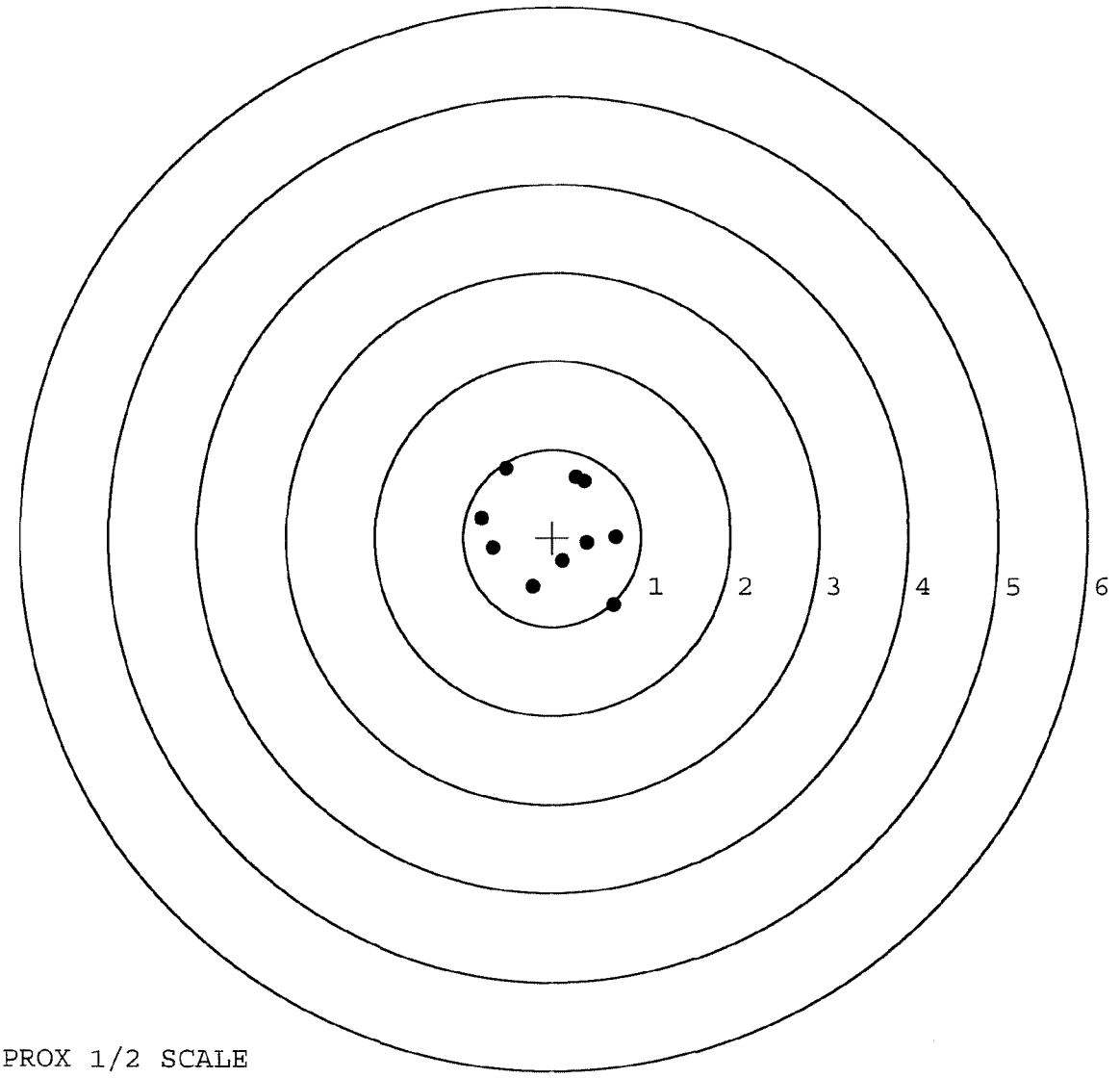

TARGET APPROX 1/2 SCALE

**BARBER - M24 0168323**

SERIAL NUMBER: G6591588.__0
TARGET NUMBER: 5
FILE DATE: 11/02/2006
FILE TIME: 06:18

| | |
|---|---|
| X CENTROID: | 0.032 |
| Y CENTROID: | 0.053 |
| POA TO CENTROID: | 0.062 |
| HORZ SPREAD: | 1.523 |
| VERT SPREAD: | 1.546 |
| GROUP SPREAD: | 1.964 |
| MIN RADIUS: | 0.333 |
| MAX RADIUS: | 1.050 |
| MEAN RADIUS: | 0.693 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.690 | -0.765 |
| 2: | -0.224 | -0.556 |
| 3: | 0.118 | -0.268 |
| 4: | 0.387 | -0.063 |
| 5: | 0.719 | -0.002 |
| 6: | 0.360 | 0.635 |
| 7: | -0.521 | 0.781 |
| 8: | -0.804 | 0.217 |
| 9: | -0.670 | -0.126 |
| 10: | 0.262 | 0.682 |




TARGET APPROX 1/2 SCALE