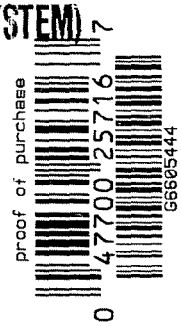
GGG 5747

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

– INSTUCTION BOOK 3518

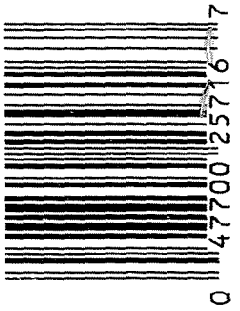




**ORDER NO. 25716**

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

**G6605444**




**DD FORM**

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.

# INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6605444

| OP # | OPERATION NAME | READINGS | DATE | INITIAL |
|---|---|---|---|---|
| 410 | SERIALIZE BOLT HANDLE | | 10-6-06 | BLG |
| 420 | ASSEMBLE ACTION | | 10-6-06 | RTZ |
| 430 | ASSEMBLE TO STOCK | | 10-6-06 | WR |
| 440 | PROOF | | 10-6-06 | TRW |
| 460 | CHECK HEADSPACE | MAGNA-FLUX INSPECTED OCT 10 2006 | 10-6-06 | TRW |
| 470 | DIS-ASSEMBLE ACTION | | 10-6-06 | BLG |
| 480 | MAGNAFLUX BBL ACTION | OPERATOR APD | 10-16-06 | APD |
| 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 | | 10-10-06 | CB |
| 530 & 540 | APPLY COATINGS (BARREL ACTION) (BOLT) | | 10/17 | HP |
| 560 | RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY | | 10-19-06 | SD |
| | B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD | | 10-19-06 | SD |
| | C) INSPECT EJECTOR HOLE FOR CHAMFER | | 10-19-06 | SD |
| | D) OIL FIRING PIN ASSEMBLY | | 10-31-06 | BLG |
| | E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS | | | |

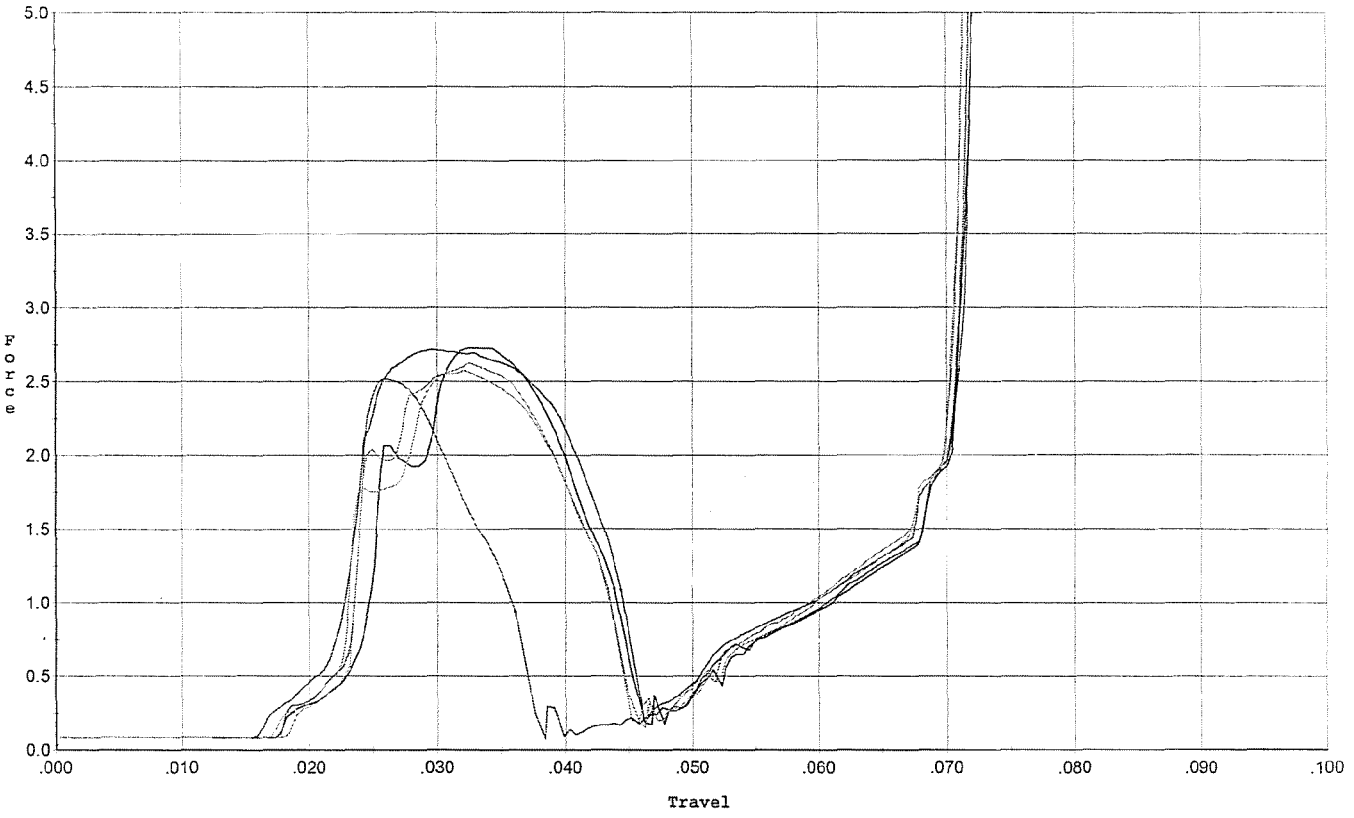
F004 REV 5/2006

| OP # | OPERATION NAME | READINGS | DATE | INITIAL |
|---|---|---|---|---|
| 560 | F) SAFETY ON FORCE (2 LBS MIN 10 LBS MAX) | 6.5 8.0 7.0 | 11/13/06 | MOH |
| CONT. | G) SAFETY OFF FORCE (2 LBS MIN) | 3.0 3.5 3.5 | 11/13/06 | MOH |
| | H) TRIGGER PULL TEST AND RETAINABILITY | | | |
| | I) FIRING PIN INDENT (.020 MIN) | .025 .025 .025 | 11/13/06 | MOH |
| | J) ASSEMBLE STOCK | | 10-31-06 | BLC |
| | K) ASSEMBLE SWIVEL STUDS | | 11-15-06 | L.P.D. |
| | L) ATTACH FRONT AND REAR SIGHT ASSY'S | | 10-31-06 | BLC |
| | M) IRON SIGHT ALIGNMENT | | 10-31-06 | BLC |
| | N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER | | 10-31-06 | BLC |
| 640 & 650 | FUNCTION TEST AND TARGET | (PASS) FAIL / (PASS) FAIL | 10/31/06 | MOH |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION N/A | | |
| | MALFUNCTION | CORRECTION | | |
| | MALFUNCTION | CORRECTION | | |
| 660 | INSPECT FOR LIVE AMMO | | 10-31-06 | L.P.D. |
| 670 | FINAL INSPECTION A) HEADSPACE | | 11-15-06 | L.P.D. |
| | B) TRIGGER PULL (+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS) | 229 250 281 285 276 | 11/1/06 | MOH |
| | C) FUNCTION | | 11-15-06 | L.P.D. |
| 690 | PACK | | 11-20-06 | QA |

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:** | M. Mckinney 10/17/06 | | |



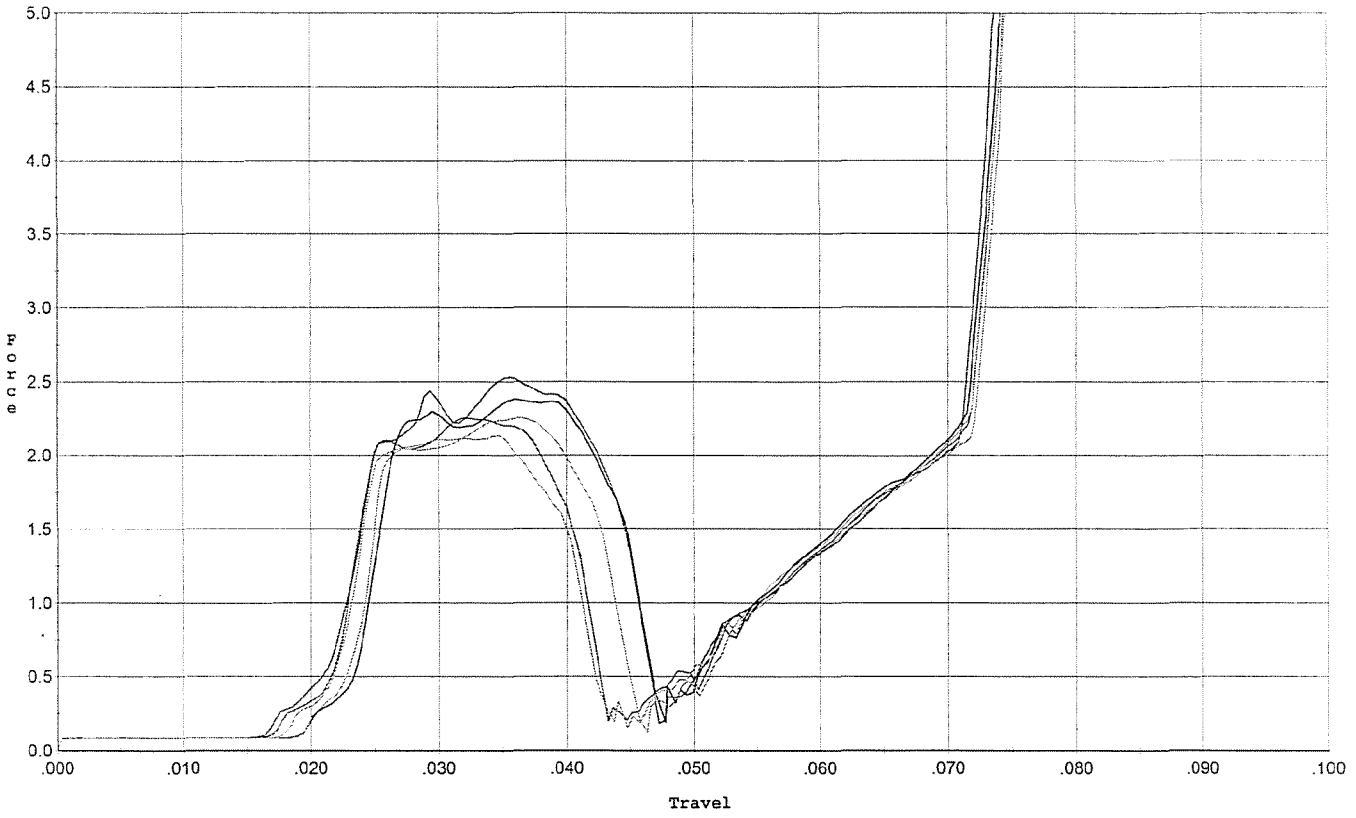

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.712 | 0.044 | 0.017 | 0.032 | 0.053 | | Set Trigger |
| 2 | 2.724 | 0.044 | 0.018 | 0.032 | 0.045 | | Set Trigger |
| 3 | 2.515 | 0.036 | 0.018 | 0.044 | 0.028 | | Set Trigger |
| 4 | 2.574 | 0.043 | 0.018 | 0.032 | 0.045 | | Set Trigger |
| 5 | 2.625 | 0.043 | 0.019 | 0.032 | 0.046 | | Set Trigger |

2.63

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/17/2006 6:59:02 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 |
| **Note:** | M. Mckinney 10/17/06 | | |



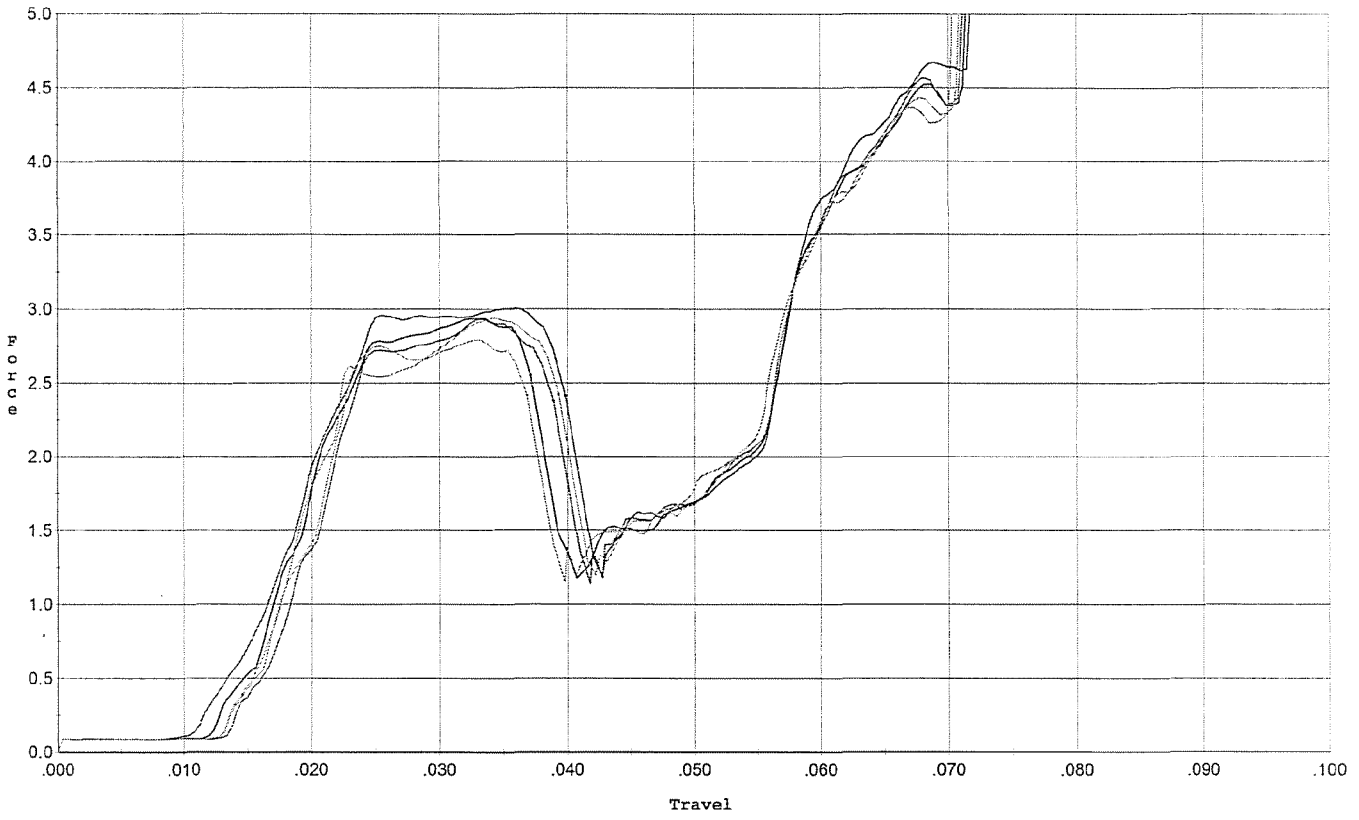

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.531 | 0.045 | 0.017 | 0.033 | 0.052 | | Set Trigger |
| 2 | 2.382 | 0.045 | 0.020 | 0.034 | 0.047 | | Set Trigger |
| 3 | 2.256 | 0.041 | 0.018 | 0.039 | 0.040 | | Set Trigger |
| 4 | 2.254 | 0.043 | 0.019 | 0.036 | 0.043 | | Set Trigger |
| 5 | 2.134 | 0.040 | 0.020 | 0.040 | 0.035 | | Set Trigger |

2.31

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/17/2006 7:02:46 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | 3.0 lbs ini. |
| **Note:** | M. Mckinney 10/17/06 | | |



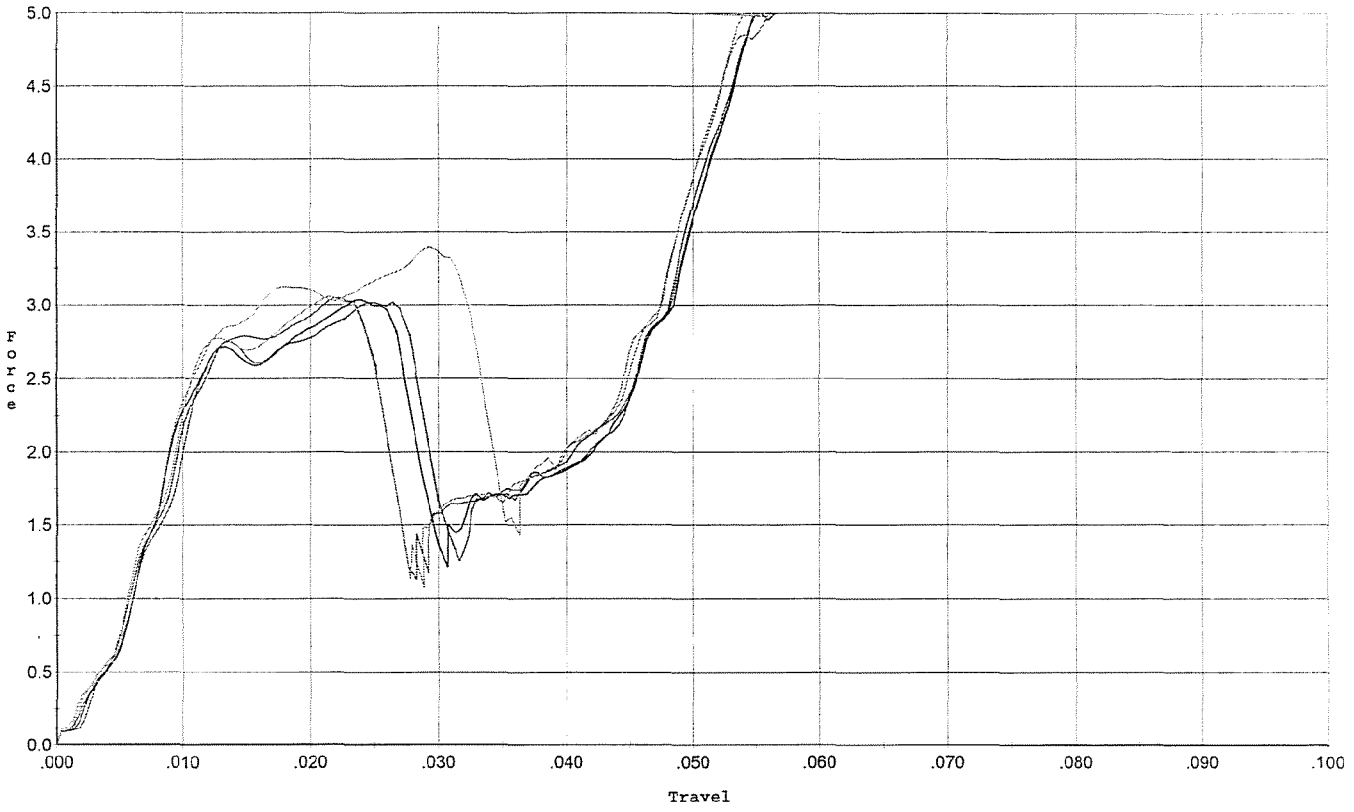

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.007 | 0.040 | 0.012 | 0.033 | 0.064 | | Set Trigger |
| 2 | 2.936 | 0.037 | 0.013 | 0.036 | 0.054 | | Set Trigger |
| 3 | 2.931 | 0.039 | 0.014 | 0.034 | 0.055 | | Set Trigger |
| 4 | 2.936 | 0.039 | 0.014 | 0.033 | 0.057 | | Set Trigger |
| 5 | 2.793 | 0.037 | 0.013 | 0.035 | 0.050 | | Set Trigger |

2.92

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/17/2006 7:05:30 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 |
| **Note:** | M. Mckinney 10/17/06 | | |



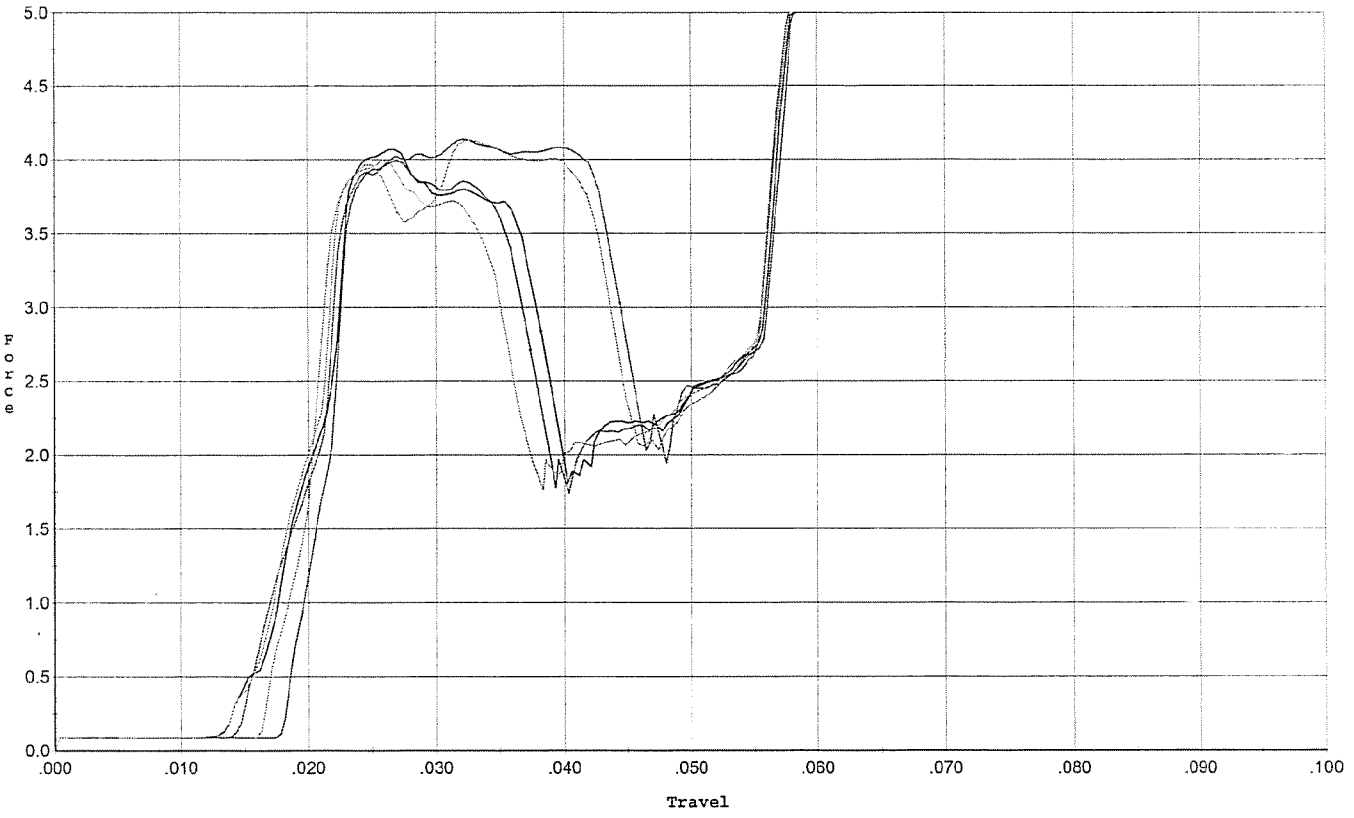

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.021 | 0.028 | 0.00 | 0.036 | 0.056 | | Set Trigger |
| 2 | 3.040 | 0.027 | 0.00 | 0.037 | 0.053 | | Set Trigger |
| 3 | 3.048 | 0.025 | 0.00 | 0.038 | 0.048 | | Set Trigger |
| 4 | 3.399 | 0.033 | 0.00 | 0.027 | 0.075 | | Set Trigger |
| 5 | 3.058 | 0.025 | 0.00 | 0.037 | 0.050 | | Set Trigger |

3.11

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/17/2006 7:07:57 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | 4.0 lbs. ini. |
| **Note:** | M. Mckinney 10/17/06 | | |



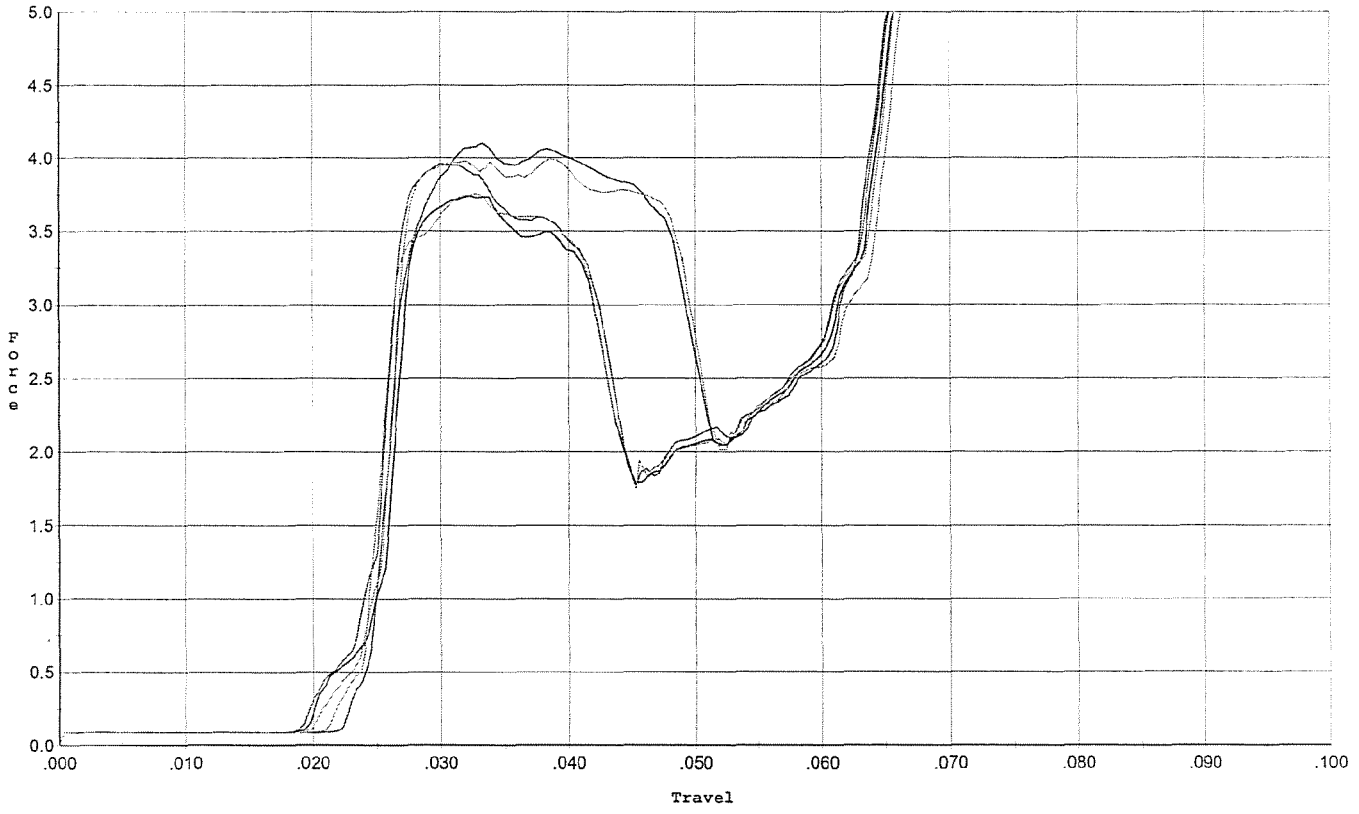

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 3.991 | 0.037 | 0.018 | 0.023 | 0.062 | | Set Trigger |
| 2 | 4.069 | 0.038 | 0.014 | 0.022 | 0.071 | | Set Trigger |
| 3 | 4.139 | 0.044 | 0.015 | 0.018 | 0.097 | | Set Trigger |
| 4 | 3.997 | 0.035 | 0.014 | 0.023 | 0.060 | | Set Trigger |
| 5 | 4.131 | 0.043 | 0.017 | 0.019 | 0.090 | | Set Trigger |

4.07

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/17/2006 7:14:23 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 |
| Note: | M. Mckinney 10/17/06 | | |



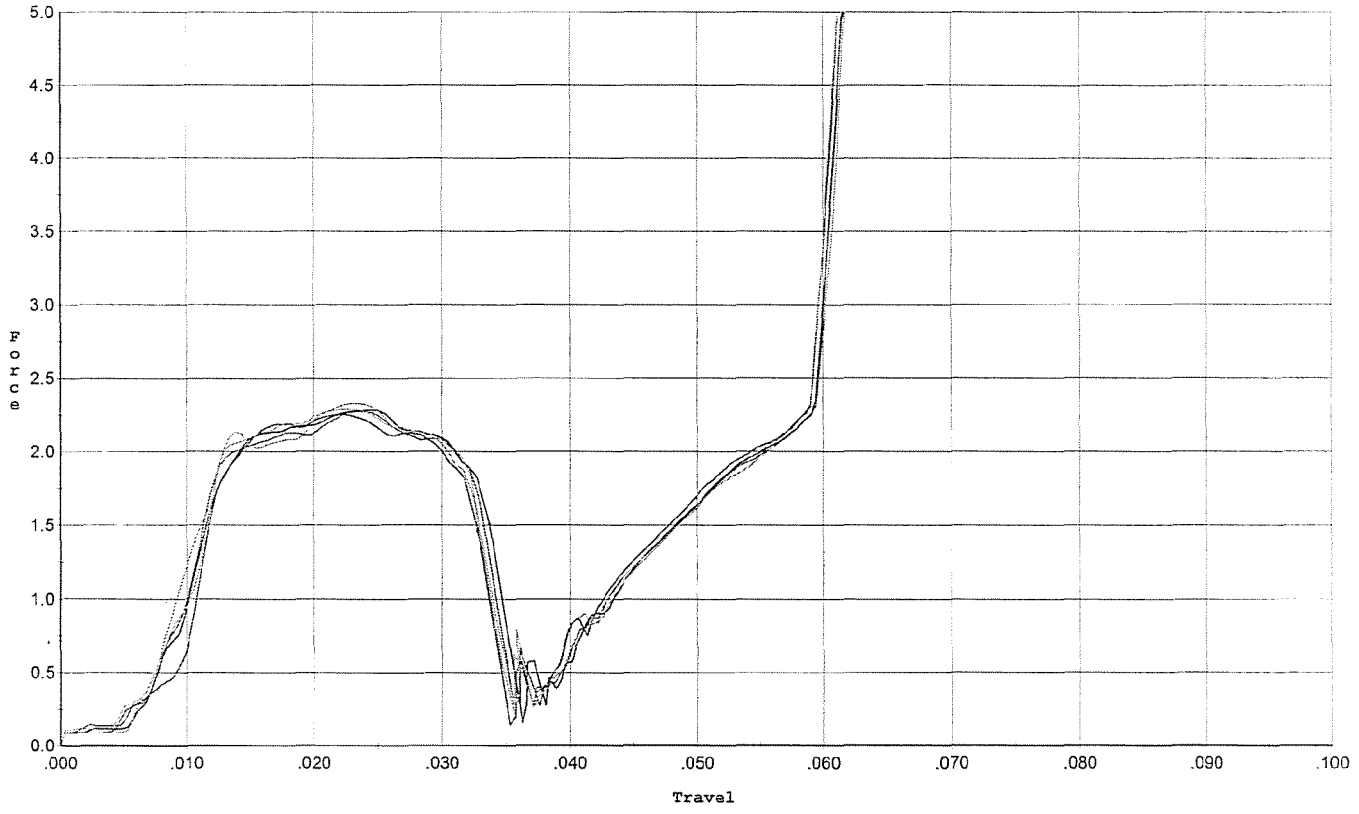

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.102 | 0.048 | 0.023 | 0.022 | 0.090 | | Set Trigger |
| 2 | 3.738 | 0.042 | 0.020 | 0.026 | 0.061 | | Set Trigger |
| 3 | 3.959 | 0.042 | 0.020 | 0.026 | 0.067 | | Set Trigger |
| 4 | 3.989 | 0.049 | 0.020 | 0.022 | 0.092 | | Set Trigger |
| 5 | 3.753 | 0.042 | 0.022 | 0.026 | 0.063 | | Set Trigger |

3.91

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/17/2006 7:15:23 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | Final Test & Reset to 2.5 lbs. |
| **Note:** | M. Mckinney | | |



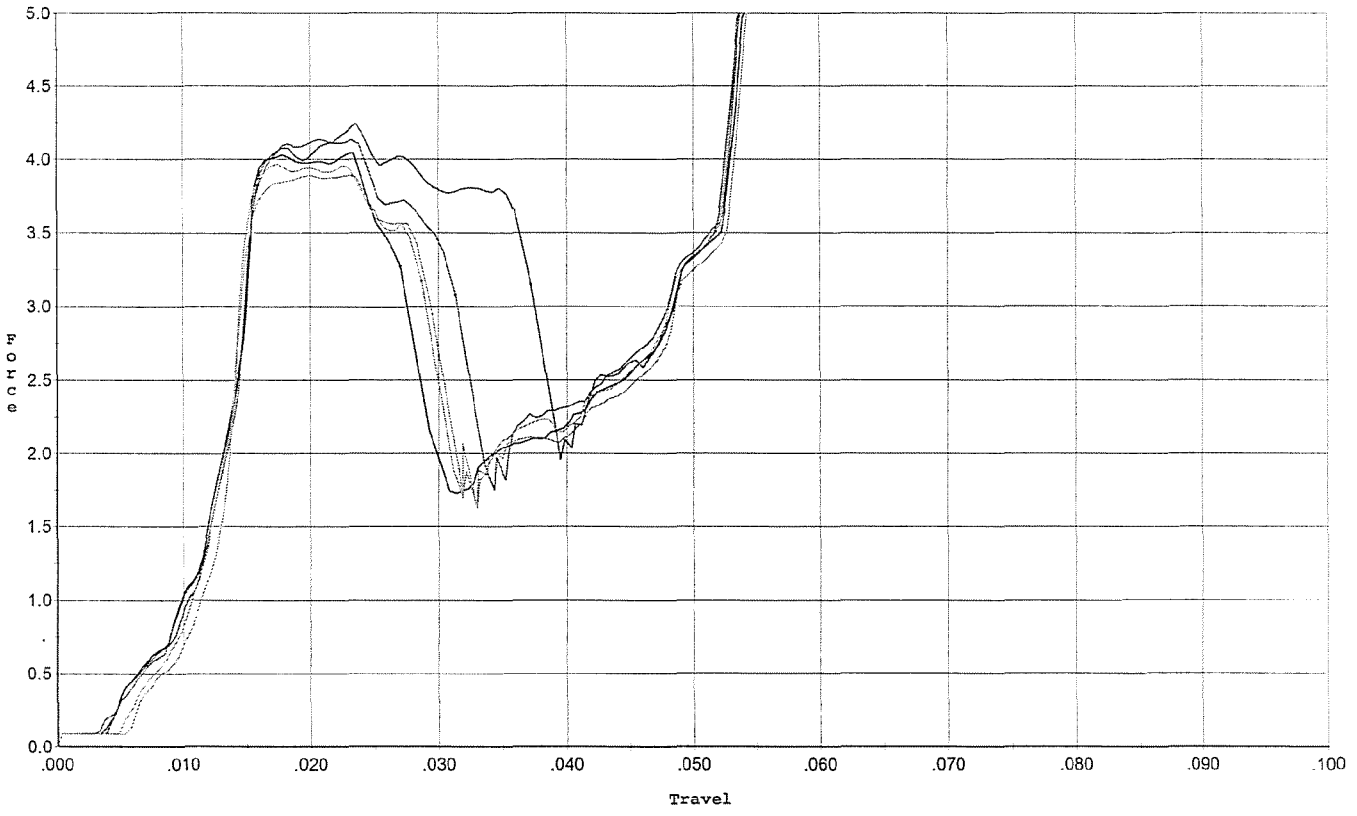

| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 2.257 | 0.033 | 0.005 | 0.036 | 0.047 | | Set Trigger |
| 2 | 2.284 | 0.034 | 0.006 | 0.033 | 0.050 | | Set Trigger |
| 3 | 2.275 | 0.033 | 0.006 | 0.035 | 0.049 | | Set Trigger |
| 4 | 2.291 | 0.032 | 0.006 | 0.036 | 0.048 | | Set Trigger |
| 5 | 2.330 | 0.032 | 0.005 | 0.036 | 0.048 | | Set Trigger |

2.29

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/17/2006 7:16:55 PM

## Trigger Profile [ lbs,inch ]

| | | | |
|---|---|---|---|
| **Profile** | SWS | **Model:** | M/24 |
| **GunType:** | Rifle | **Serial No:** | Form #F005 |
| **Make:** | Remington | **Trigger:** | Reset to 4.0 lbs. for target |
| **Note:** | M. Mckinney 10/17/06 | | |




| # | Peak Force | Travel To Actuate | Initial Take-up | Overtravel | Energy To Actuate | Lock Time | Action Type |
|---|---|---|---|---|---|---|---|
| 1 | 4.243 | 0.037 | 0.004 | 0.016 | 0.095 | | Set Trigger |
| 2 | 4.045 | 0.027 | 0.004 | 0.029 | 0.057 | | Set Trigger |
| 3 | 4.135 | 0.031 | 0.004 | 0.022 | 0.072 | | Set Trigger |
| 4 | 3.969 | 0.029 | 0.005 | 0.025 | 0.062 | | Set Trigger |
| 5 | 3.892 | 0.030 | 0.006 | 0.025 | 0.062 | | Set Trigger |

4.04

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/17/2006 7:21:24 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6605444.__0
FILE DATE AND TIME: 11/01/2006 05:32

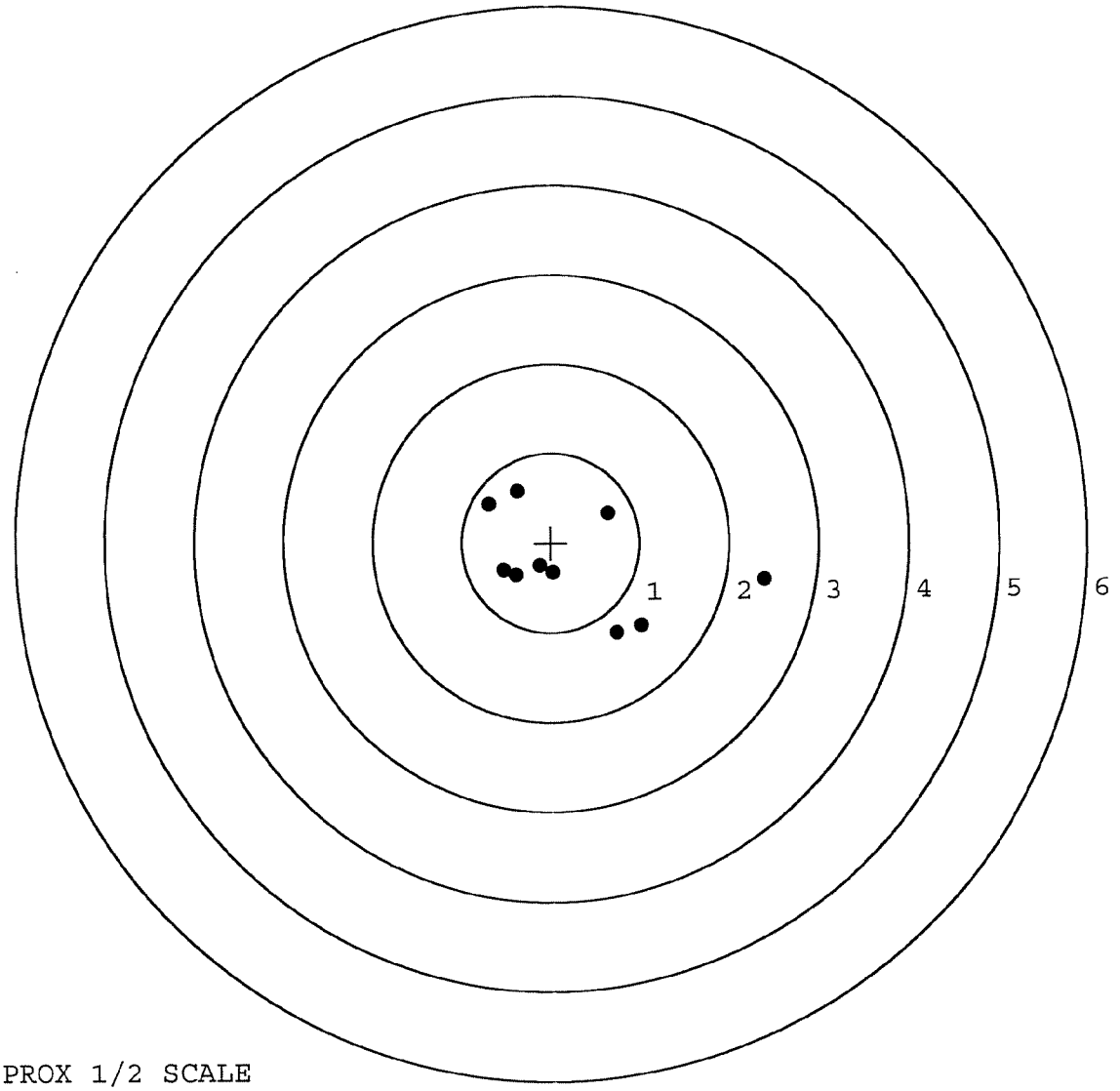
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

| | |
|---|---|
| The Average X Centroid of the Five Target Set: | 0.039 |
| The Average Y Centroid of the Five Target Set: | -0.107 |
| The Average Point of Impact of the Five Target Set: | 0.114 |
| The Average Mean Radius of the Five Target Set: | 0.757 |
| The Distance from POA to Centroid Target #1: | 0.352 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.314 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.607 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.325 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.270 |

SERIAL NUMBER: G6605444.__0
TARGET NUMBER: 1
FILE DATE: 11/01/2006
FILE TIME: 05:32

| | |
|---|---|
| X CENTROID: | 0.267 |
| Y CENTROID: | -0.229 |
| POA TO CENTROID: | 0.352 |
| HORZ SPREAD: | 3.086 |
| VERT SPREAD: | 1.588 |
| GROUP SPREAD: | 3.206 |
| MIN RADIUS: | 0.265 |
| MAX RADIUS: | 2.131 |
| MEAN RADIUS: | 0.909 |
| # IN 1 IN DIAMETER: | 2 |
| # IN 2 IN DIAMETER: | 6 |
| # in 3 IN DIAMETER: | 9 |

| POINT# | X | Y |
|---|---|---|
| 1: | 2.389 | -0.433 |
| 2: | 1.016 | -0.930 |
| 3: | 0.738 | -1.010 |
| 4: | 0.642 | 0.327 |
| 5: | -0.375 | 0.578 |
| 6: | -0.697 | 0.435 |
| 7: | 0.024 | -0.334 |
| 8: | -0.132 | -0.254 |
| 9: | -0.395 | -0.366 |
| 10: | -0.535 | -0.302 |

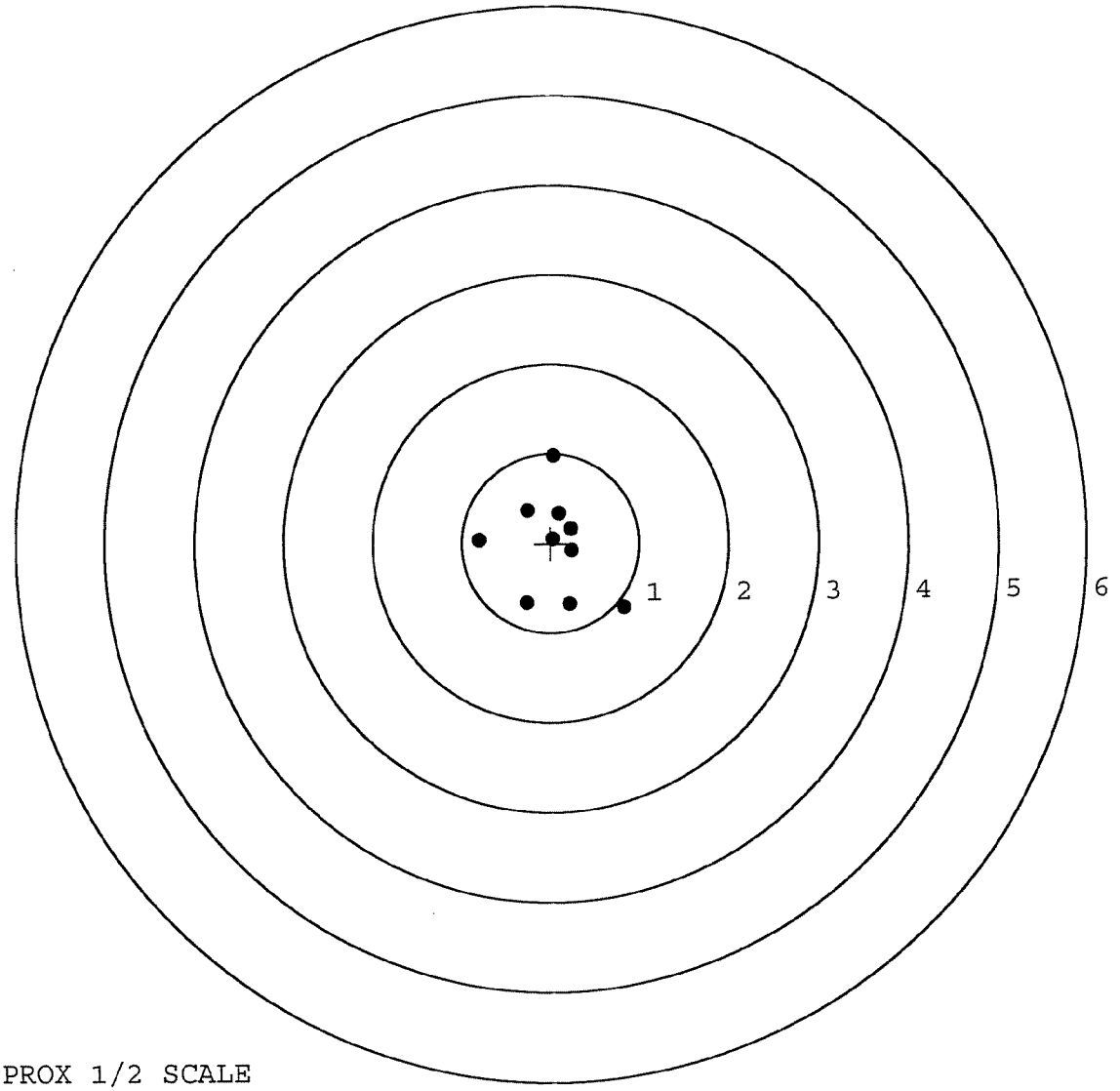



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6605444.__0
TARGET NUMBER: 2
FILE DATE: 11/01/2006
FILE TIME: 05:32

| | |
|---|---|
| X CENTROID: | 0.031 |
| Y CENTROID: | -0.021 |
| POA TO CENTROID: | 0.038 |
| HORZ SPREAD: | 1.628 |
| VERT SPREAD: | 1.697 |
| GROUP SPREAD: | 1.869 |
| MIN RADIUS: | 0.074 |
| MAX RADIUS: | 1.058 |
| MEAN RADIUS: | 0.571 |
| # IN 1 IN DIAMETER: | 5 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.040 | 0.975 |
| 2: | -0.277 | -0.670 |
| 3: | 0.208 | -0.683 |
| 4: | 0.824 | -0.722 |
| 5: | -0.804 | 0.043 |
| 6: | -0.265 | 0.370 |
| 7: | 0.094 | 0.339 |
| 8: | 0.230 | 0.164 |
| 9: | 0.240 | -0.081 |
| 10: | 0.024 | 0.052 |

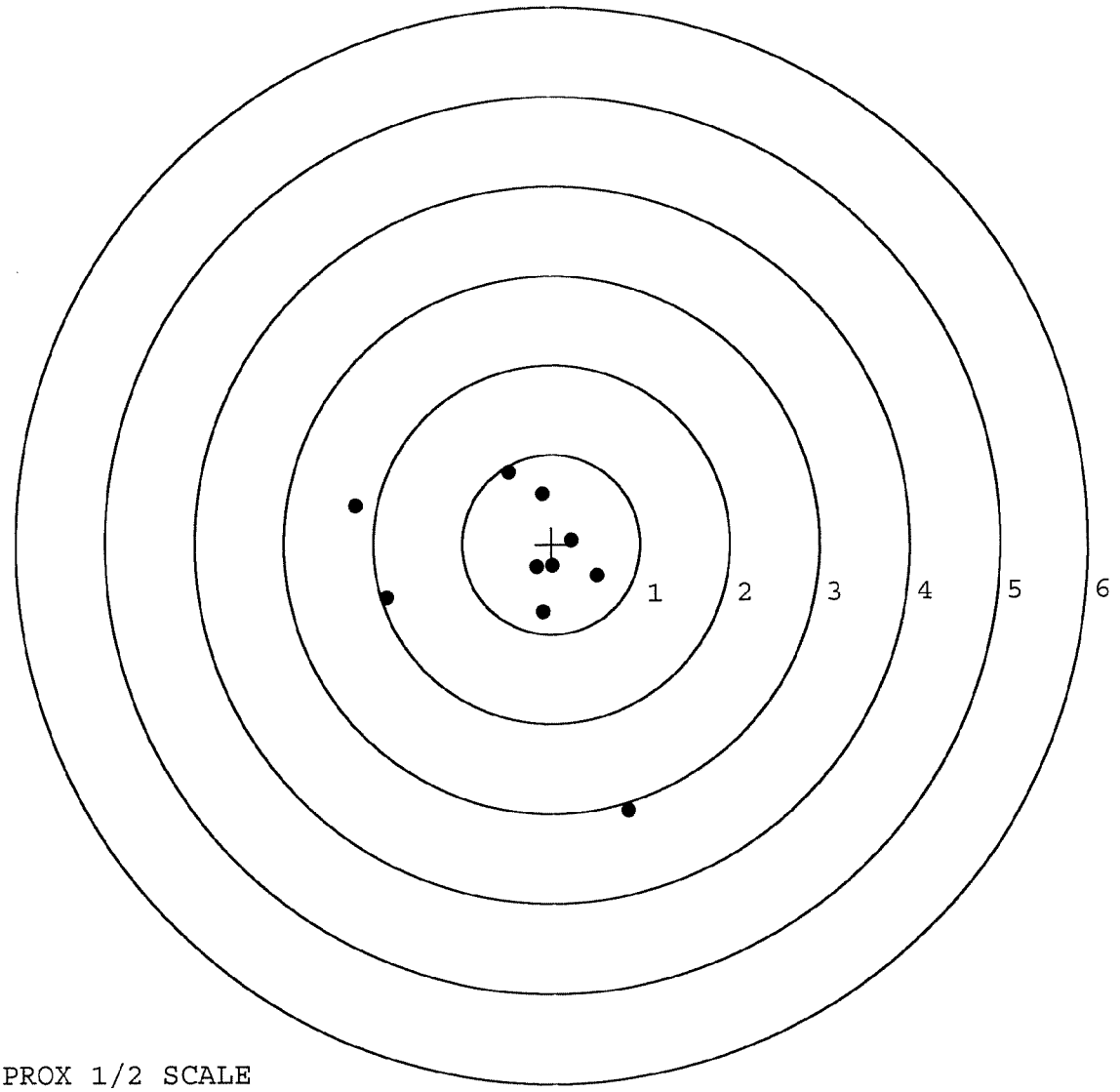



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6605444.__0
TARGET NUMBER: 3
FILE DATE: 11/01/2006
FILE TIME: 05:32

| | |
|---|---|
| X CENTROID: | -0.331 |
| Y CENTROID: | -0.334 |
| POA TO CENTROID: | 0.470 |
| HORZ SPREAD: | 3.046 |
| VERT SPREAD: | 3.781 |
| GROUP SPREAD: | 4.576 |
| MIN RADIUS: | 0.177 |
| MAX RADIUS: | 2.894 |
| MEAN RADIUS: | 1.104 |
| # IN 1 IN DIAMETER: | 3 |
| # IN 2 IN DIAMETER: | 6 |
| # in 3 IN DIAMETER: | 7 |

| POINT# | X | Y |
|---|---|---|
| 1: | -0.479 | 0.805 |
| 2: | -0.101 | 0.554 |
| 3: | 0.226 | 0.042 |
| 4: | 0.007 | -0.243 |
| 5: | -0.171 | -0.256 |
| 6: | 0.508 | -0.355 |
| 7: | -0.100 | -0.758 |
| 8: | -2.196 | 0.439 |
| 9: | -1.849 | -0.588 |
| 10: | 0.850 | -2.976 |

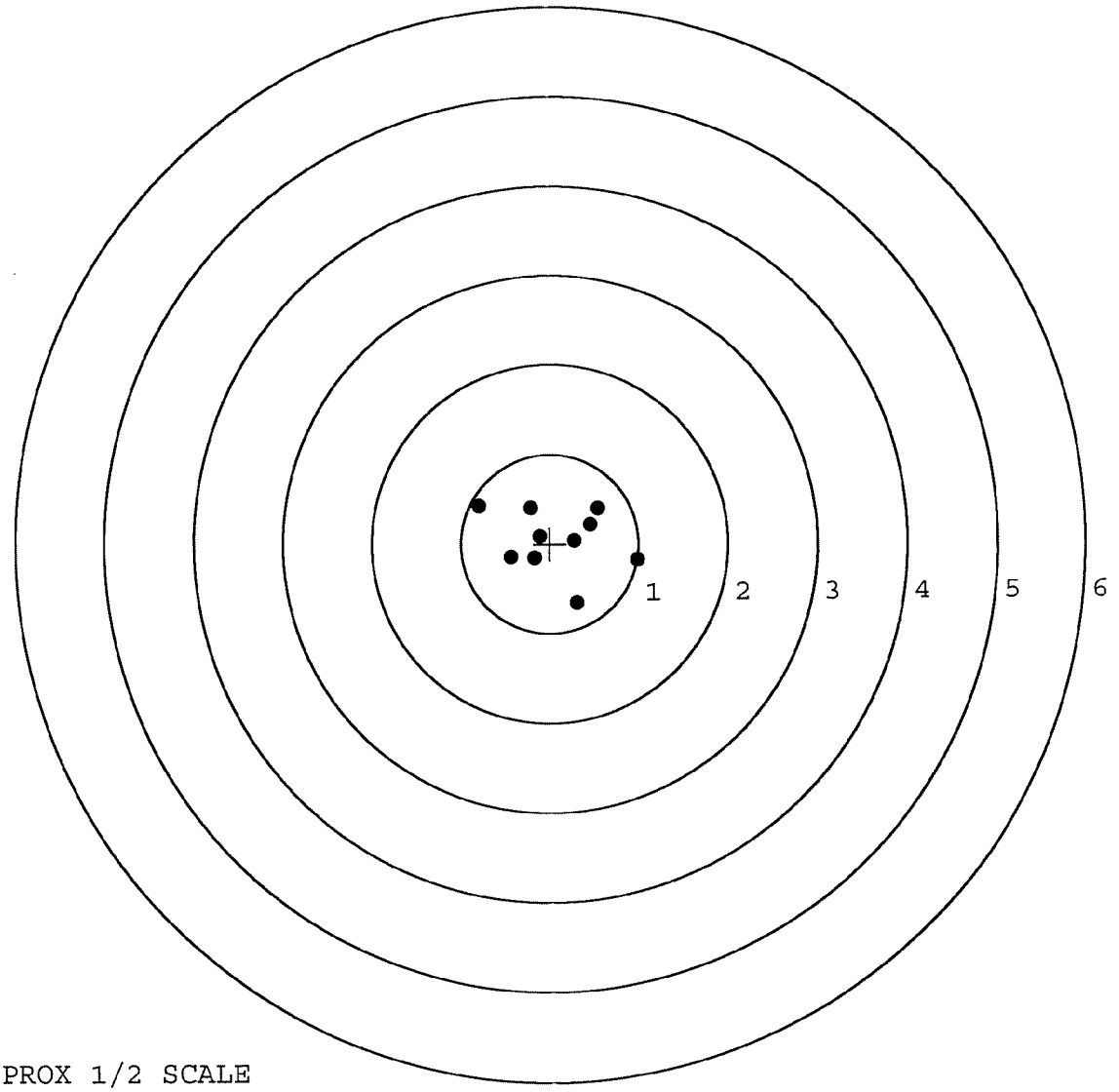



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6605444.__0
TARGET NUMBER: 4
FILE DATE: 11/01/2006
FILE TIME: 05:32

| | |
|---|---|
| X CENTROID: | 0.083 |
| Y CENTROID: | 0.039 |
| POA TO CENTROID: | 0.091 |
| HORZ SPREAD: | 1.790 |
| VERT SPREAD: | 1.100 |
| GROUP SPREAD: | 1.894 |
| MIN RADIUS: | 0.194 |
| MAX RADIUS: | 0.963 |
| MEAN RADIUS: | 0.540 |
| # IN 1 IN DIAMETER: | 5 |
| # IN 2 IN DIAMETER: | 10 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 0.305 | -0.672 |
| 2: | 0.992 | -0.191 |
| 3: | -0.798 | 0.428 |
| 4: | -0.440 | -0.150 |
| 5: | -0.179 | -0.164 |
| 6: | -0.115 | 0.085 |
| 7: | -0.217 | 0.402 |
| 8: | 0.544 | 0.396 |
| 9: | 0.459 | 0.216 |
| 10: | 0.277 | 0.035 |

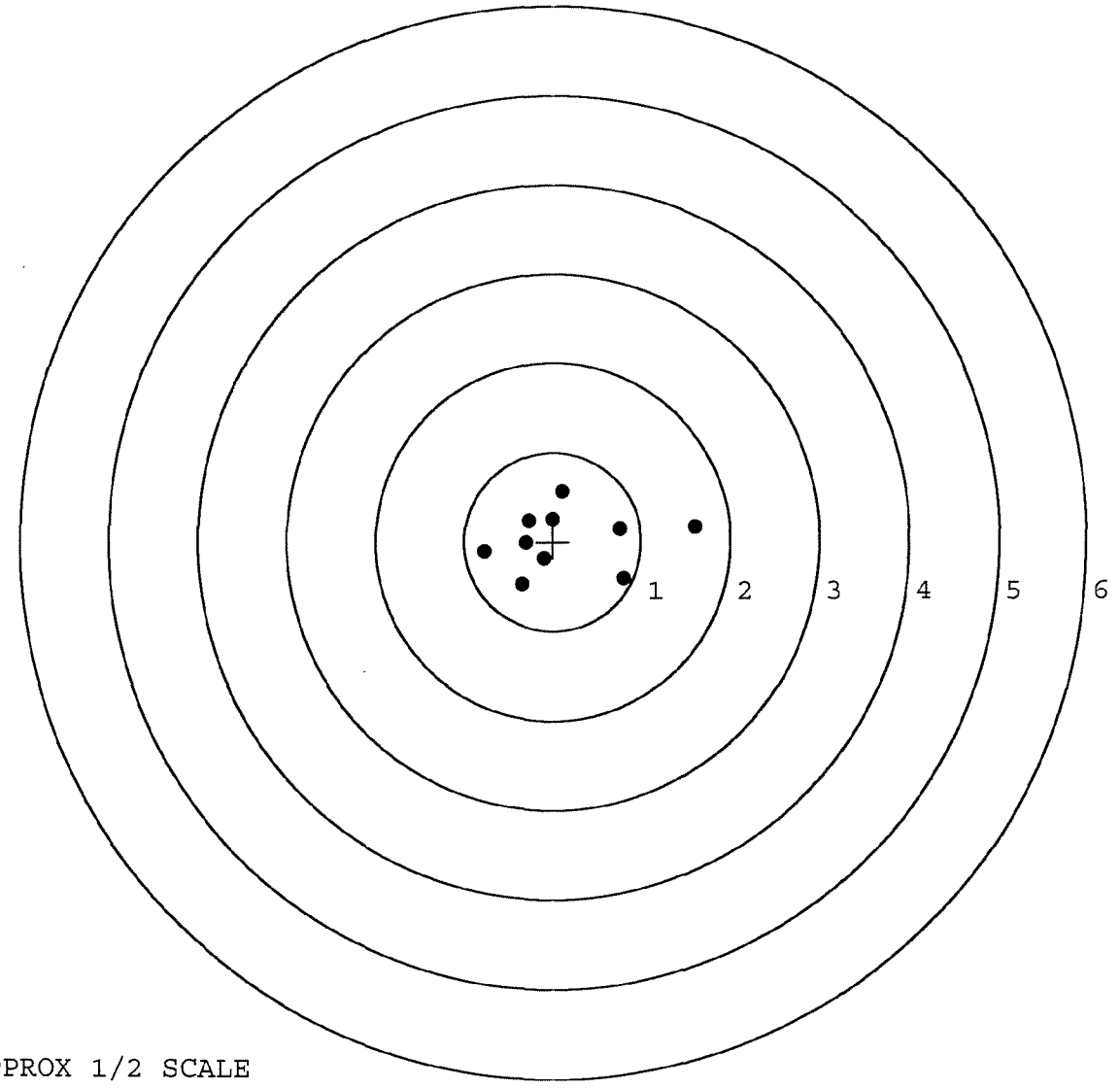



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6605444.__0
TARGET NUMBER: 5
FILE DATE: 11/01/2006
FILE TIME: 05:32

| | |
|---|---|
| X CENTROID: | 0.146 |
| Y CENTROID: | 0.012 |
| POA TO CENTROID: | 0.147 |
| HORZ SPREAD: | 2.371 |
| VERT SPREAD: | 1.050 |
| GROUP SPREAD: | 2.389 |
| MIN RADIUS: | 0.283 |
| MAX RADIUS: | 1.464 |
| MEAN RADIUS: | 0.660 |
| # IN 1 IN DIAMETER: | 4 |
| # IN 2 IN DIAMETER: | 9 |
| # in 3 IN DIAMETER: | 10 |

| POINT# | X | Y |
|---|---|---|
| 1: | 1.602 | 0.171 |
| 2: | 0.762 | 0.144 |
| 3: | 0.804 | -0.420 |
| 4: | 0.105 | 0.563 |
| 5: | -0.005 | 0.251 |
| 6: | -0.279 | 0.238 |
| 7: | -0.306 | -0.020 |
| 8: | -0.103 | -0.199 |
| 9: | -0.348 | -0.487 |
| 10: | -0.769 | -0.118 |




TARGET APPROX 1/2 SCALE