

| Gun       | Safe<br>Off Force<br>(lbs.) | Safe<br>On Force<br>(lbs.) | Bolt Closing<br>Forward Load   Down Load<br>(lbs.)   (lbs.) |      | <sup>1</sup> Bolt Opening<br>Up Load<br>(lbs.) | Magazine<br>Load @ .2"   Load @ 1"<br>(lbs.)   (lbs.) | <sup>2</sup> Overall<br>Weight<br>(lbs.) | Bolt Ass'y<br>Weight<br>(lbs.) | Barrel Ass'y<br>Weight<br>(lbs.) |
|-----------|-----------------------------|----------------------------|-------------------------------------------------------------|------|------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------------|----------------------------------|
| B-1       | 2.86                        | 5.78                       | 40.28                                                       | 3.02 | 5.08                                           | 1.74   2.73                                           | 6.916                                    | 0.654                          | 3.867                            |
| B-2       | 2.65                        | 6.13                       | 47.46                                                       | 2.91 | 3.11                                           | 1.87   2.94                                           | 6.881                                    | 0.653                          | 3.841                            |
| B-3       | 2.52                        | 5.99                       | 43.47                                                       | 2.51 | 2.87                                           | 1.74   2.71                                           | 6.891                                    | 0.655                          | 3.844                            |
| B-4       | 1.93                        | 4.78                       | 44.37                                                       | 2.49 | 3.12                                           | 1.83   2.92                                           | 6.893                                    | 0.654                          | 3.853                            |
| B-5       | 2.11                        |                            |                                                             |      |                                                | 1.98   2.95                                           | 6.899                                    | 0.655                          | 3.857                            |
| B-6       | 2.61                        | 5.35                       | 40.75                                                       | 2.98 | 2.63                                           | 1.84   2.86                                           | 6.905                                    | 0.654                          | 3.863                            |
| B-7       | 2.87                        | 6.45                       | 47.87                                                       | 2.41 | 3.06                                           | 2.00   3.11                                           | 6.897                                    | 0.654                          | 3.857                            |
| B-8       | 2.05                        | 5.86                       | 51.53                                                       | 2.73 | 2.53                                           | 1.93   2.94                                           | 6.874                                    | 0.653                          | 3.837                            |
| B-9       | 2.79                        | 5.63                       | 42.81                                                       | 2.23 | 2.43                                           | 2.18   3.67                                           | 6.889                                    | 0.654                          | 3.856                            |
| B-10      | 2.99                        | 5.84                       | 44.54                                                       | 3.27 | 5.08                                           | 1.88   2.98                                           | 6.900                                    | 0.655                          | 3.861                            |
| AVERAGE   | 2.54                        | 5.76                       | 44.79                                                       | 2.73 | 3.32                                           | 1.90   2.98                                           | 6.895                                    | 0.654                          | 3.854                            |
| MAX.      | 2.99                        | 6.45                       | 51.53                                                       | 3.27 | 5.08                                           | 2.18   3.67                                           | 6.916                                    | 0.655                          | 3.867                            |
| MIN.      | 1.93                        | 4.78                       | 40.28                                                       | 2.23 | 2.43                                           | 1.74   2.71                                           | 6.874                                    | 0.653                          | 3.837                            |
| Std. Dev. | 0.38                        | 0.48                       | 3.62                                                        | 0.34 | 1.03                                           | 0.13   0.27                                           | 0.012                                    | 0.001                          | 0.010                            |

<sup>1</sup> Did not fire gun before opening.<sup>2</sup> Overall weight with no magazine box. (All taken for End. Testing)<sup>3</sup> Measured from muzzle.<sup>4</sup> SAAMI requirement is 40 lbs.

Note: Weight of 1 Magazine box = .215 lbs.

**SCROLL TO SEE ADDITIONAL MEASUREMENTS**

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ET07000

Confidential - Subject - 5.22.06r0001169 Order

Williams v. Remington

| Stock Weight<br>(lbs.) | Take Down<br>Screw Wt.<br>(lbs.) | Firearm<br>Overall Length<br>(in.) | Barrel<br>Length<br>(in.) | Length<br>Of Pull<br>(in.) | <sup>3</sup> Balance Pt.<br>Empty<br>(in.) | <sup>3</sup> Balance Pt.<br>Loaded<br>(in.) | Drop at<br>Comb<br>(in.) | Drop at<br>Heel<br>(in.) | Drop at<br>Toe<br>(in.) | 50 Lb. Trigger<br>Trigger Pull<br>Before (lbs.) |
|------------------------|----------------------------------|------------------------------------|---------------------------|----------------------------|--------------------------------------------|---------------------------------------------|--------------------------|--------------------------|-------------------------|-------------------------------------------------|
| 2.354                  | 0.042                            | 41.750                             | 22                        | 13.25                      | 21.9375                                    | 22                                          | 1.246                    | 1.417                    | 6.278                   | 5.00                                            |
| 2.345                  | 0.042                            | 41.750                             | 22                        | 13.26                      | 21.9375                                    | 22                                          | 1.300                    | 1.406                    | 6.295                   | 5.08                                            |
| 2.351                  | 0.042                            | 41.750                             | 22                        | 13.25                      | 21.9375                                    | 22                                          | 1.305                    | 1.398                    | 6.305                   | 4.58                                            |
| 2.344                  | 0.042                            | 41.750                             | 22                        | 13.25                      | 21.9375                                    | 22                                          | 1.305                    | 1.401                    | 6.306                   | 4.92                                            |
| 2.346                  | 0.042                            | 41.812                             | 22                        | 13.24                      | 21.875                                     | 22                                          | 1.295                    | 1.404                    | 6.279                   |                                                 |
| 2.347                  | 0.042                            | 41.812                             | 22                        | 13.26                      | 21.875                                     | 22                                          | 1.305                    | 1.392                    | 6.289                   | 4.92                                            |
| 2.344                  | 0.042                            | 41.750                             | 22                        | 13.24                      | 21.9375                                    | 22                                          | 1.305                    | 1.391                    | 6.297                   | 4.42                                            |
| 2.343                  | 0.042                            | 41.750                             | 22                        | 13.25                      | 21.9375                                    | 22                                          | 1.296                    | 1.391                    | 6.292                   | 5.33                                            |
| 2.338                  | 0.042                            | 41.750                             | 22                        | 13.23                      | 21.875                                     | 22                                          | 1.314                    | 1.415                    | 6.310                   | 4.83                                            |
| 2.343                  | 0.042                            | 41.812                             | 22                        | 13.25                      | 21.875                                     | 22                                          | 1.298                    | 1.407                    | 6.308                   | 5.17                                            |
| 2.346 <sup>3A</sup>    | 0.042                            | 41.769                             | 22                        | 13.25                      | 21.913                                     | 22                                          | 1.297                    | 1.402                    | 6.296                   | 4.92                                            |
| 2.354                  | 0.042                            | 41.812                             | 22                        | 13.26                      | 21.938                                     | 22                                          | 1.314                    | 1.417                    | 6.310                   | 5.33                                            |
| 2.338                  | 0.042                            | 41.750                             | 22                        | 13.23                      | 21.875                                     | 22                                          | 1.246                    | 1.391                    | 6.278                   | 4.42                                            |
| 0.004                  | 0.000                            | 0.030                              | 0                         | 0.01                       | 0.032                                      | 0                                           | 0.019                    | 0.009                    | 0.012                   | 0.28                                            |

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ET07001

Confidential - Subject - 5.22.06r0001170

Williams v. Remington

| Trigger Pull Test         | 50 Lb. Trigger Pull Test | 50 Lb. Trigger Pull Test | 50 Lb. Trigger Pull Test | 50 Lb. Trigger Pull Test | Magazine Capacity |
|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------|
| Trigger Pull After (lbs.) | Engagement Before (in.)  | Engagement After (in.)   | Trigger Gap Before (in.) | Trigger Gap After (in.)  | Test              |
| 5.08                      | 0.0276                   | 0.0293                   | 0.162                    | 0.140                    | NO                |
| 5.25                      | 0.0282                   | 0.0287                   | 0.163                    | 0.132                    | NO                |
| 4.92                      | 0.0251                   | 0.0263                   | 0.166                    | 0.124                    | NO                |
| 4.75                      | 0.0280                   | 0.0279                   | 0.165                    | 0.123                    | NO                |
| 4.75                      | 0.0280                   | 0.0301                   | 0.166                    | 0.136                    | NO                |
| 4.75                      | 0.0282                   | 0.0307                   | 0.167                    | 0.136                    | NO                |
| 5.00                      | 0.0299                   | 0.0282                   | 0.168                    | 0.149                    | NO                |
| 4.50                      | 0.0304                   | 0.0290                   | 0.161                    | 0.128                    | NO                |
| 5.17                      | 0.0265                   | 0.0281                   | 0.165                    | 0.128                    | NO                |
| 4.91                      | 0.0280                   | 0.0287                   | 0.165                    | 0.133                    | NO                |
| 5.25                      | 0.0304                   | 0.0307                   | 0.168                    | 0.149                    | NO                |
| 4.50                      | 0.0251                   | 0.0263                   | 0.161                    | 0.123                    | NO                |
| 0.24                      | 0.0016                   | 0.0013                   | 0.002                    | 0.008                    | NO                |

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