

|    | A          | B                   | C                   | D                   | E                   | F                   | G                   | H                   | I                   | J                   | K                    | L                    | M                    |
|----|------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| 1  |            | A1 factory settings | A2 factory settings | A3 factory settings | A4 factory settings | A5 factory settings | A6 factory settings | A7 factory settings | A8 factory settings | A9 factory settings | A10 factory settings | A11 factory settings | A12 factory settings |
| 2  | Engagement | 0.0230              | 0.0288              | 0.0243              | 0.0216              | 0.0280              | 0.0202              | 0.0215              | 0.0225              | 0.0204              | 0.0226               | 0.0271               | 0.0315               |
| 3  | Overtravel | 0.020               | 0.015               | 0.019               | 0.023               | 0.019               | 0.022               | 0.021               | 0.023               | 0.023               | 0.022                | 0.021                | 0.020                |
| 4  | TP1        | 3.291               | 2.962               | 3.609               | 2.975               | 3.404               | 3.548               | 3.233               | 3.656               | 4.000               | 3.728                | 2.999                | 3.969                |
| 5  | TP2        | 3.510               | 2.627               | 4.342               | 3.061               | 2.498               | 3.514               | 3.517               | 3.505               | 3.731               | 3.728                | 3.027                | 4.151                |
| 6  | TP3        | 3.449               | 2.661               | 4.004               | 3.187               | 2.874               | 3.460               | 3.499               | 3.436               | 3.532               | 3.677                | 2.794                | 3.928                |
| 7  | TP4        | 3.456               | 2.715               | 3.219               | 3.066               | 2.520               | 3.399               | 3.504               | 3.505               | 3.328               | 3.715                | 2.885                | 4.161                |
| 8  | TP5        | 3.383               | 2.637               | 3.332               | 2.989               | 2.485               | 3.434               | 3.545               | 3.489               | 3.389               | 3.763                | 2.905                | 4.110                |
| 9  | TP6        | 4.039               | 2.567               | 3.341               | 3.111               | 2.458               | 3.490               | 3.412               | 3.340               | 3.244               | 3.751                | 2.976                | 4.087                |
| 10 | TP7        | 3.387               | 3.020               | 3.174               | 3.466               | 2.439               | 3.461               | 3.485               | 3.009               | 3.969               | 3.713                | 3.034                | 4.106                |
| 11 | TP8        | 3.614               | 2.828               | 3.354               | 3.164               | 2.476               | 3.500               | 3.418               | 3.518               | 3.318               | 3.717                | 2.852                | 4.136                |
| 12 | TP9        | 3.498               | 2.636               | 3.350               | 3.170               | 2.652               | 3.540               | 3.498               | 3.167               | 3.240               | 3.653                | 2.860                | 3.966                |
| 13 | TP10       | 4.379               | 2.662               | 3.254               | 3.991               | 2.488               | 3.504               | 3.462               | 3.327               | 3.066               | 3.512                | 3.820                | 4.070                |
| 14 | Avg.       | 3.601               | 2.732               | 3.498               | 3.218               | 2.629               | 3.485               | 3.457               | 3.395               | 3.482               | 3.696                | 3.015                | 4.068                |
| 15 | SD         | 0.342               | 0.153               | 0.383               | 0.305               | 0.302               | 0.047               | 0.089               | 0.190               | 0.319               | 0.072                | 0.294                | 0.084                |

|    | N                    | O                    | P                    |
|----|----------------------|----------------------|----------------------|
| 1  | A13 factory settings | A14 factory settings | A15 factory settings |
| 2  | 0.0222               | 0.0269               | 0.0224               |
| 3  | 0.021                | 0.024                | 0.019                |
| 4  | 3.750                | 3.154                | 3.827                |
| 5  | 3.831                | 3.326                | 3.612                |
| 6  | 3.628                | 3.052                | 3.575                |
| 7  | 3.752                | 3.275                | 4.121                |
| 8  | 3.869                | 3.186                | 3.684                |
| 9  | 3.474                | 3.128                | 3.716                |
| 10 | 4.077                | 3.299                | 3.656                |
| 11 | 3.717                | 3.149                | 3.58                 |
| 12 | 3.552                | 3.059                | 3.609                |
| 13 | 3.605                | 2.783                | 3.477                |
| 14 | 3.726                | 3.141                | 3.686                |
| 15 | 0.174                | 0.157                | 0.179                |

**Cell:** F1

**Comment:** metrology1:  
PM trigger  
safety operates hard

**Cell:** L1

**Comment:** metrology1:  
PM trigger

**Cell:** M1

**Comment:** metrology1:  
PM trigger

**Cell:** O1

**Comment:** metrology1:  
PM trigger

|    | A               | B      | C      | D      | E      | F      | G      | H      | I      | J      | K      | L      | M      | N      | O      |
|----|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1  | A1              | A2     | A3     | A4     | A5     | A6     | A7     | A8     | A9     | A10    | A11    | A12    | A13    | A14    |        |
| 2  | Engagement 1    | 0.0200 | 0.0200 | 0.0198 | 0.0204 | 0.0204 | 0.0200 | 0.0202 | 0.0201 | 0.0201 | 0.0201 | 0.0200 | 0.0200 | 0.0202 | 0.0201 |
| 3  | Engagement 2    | 0.0201 | 0.0199 | 0.0199 | 0.0204 | 0.0207 | 0.0200 | 0.0201 | 0.0201 | 0.0202 | 0.0201 | 0.0198 | 0.0201 | 0.0204 | 0.0201 |
| 4  | Engagement 3    | 0.0201 | 0.0200 | 0.0199 | 0.0205 | 0.0207 | 0.0201 | 0.0202 | 0.0201 | 0.0203 | 0.0201 | 0.0198 | 0.0202 | 0.0204 | 0.0200 |
| 5  | Average:        | 0.0201 | 0.0200 | 0.0199 | 0.0204 | 0.0206 | 0.0200 | 0.0202 | 0.0201 | 0.0202 | 0.0201 | 0.0199 | 0.0201 | 0.0203 | 0.0201 |
| 6  | SD:             | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 7  |                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 8  | TMIS 1          | 0.003  | 0.004  | 0.005  | 0.003  | 0.003  | 0.004  | 0.003  | 0.003  | 0.003  | 0.003  | 0.003  | 0.003  | 0.003  | 0.003  |
| 9  | TMIS 2          | 0.003  | 0.004  | 0.005  | 0.003  | 0.003  | 0.004  | 0.003  | 0.003  | 0.003  | 0.003  | 0.003  | 0.003  | 0.003  | 0.003  |
| 10 | TMIS 3          | 0.003  | 0.004  | 0.005  | 0.003  | 0.003  | 0.004  | 0.003  | 0.003  | 0.003  | 0.003  | 0.003  | 0.003  | 0.004  | 0.003  |
| 11 | Average:        | 0.0030 | 0.0040 | 0.0050 | 0.0030 | 0.0030 | 0.0040 | 0.0030 | 0.0030 | 0.0030 | 0.0030 | 0.0030 | 0.0030 | 0.0033 | 0.0030 |
| 12 | SD:             | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0006 | 0.0000 |
| 13 | Overtravel      | 0.028  | 0.032  | 0.036  | 0.026  | 0.028  | 0.036  | 0.028  | 0.034  | 0.034  | 0.032  | 0.032  | 0.034  | 0.031  | 0.032  |
| 14 | MIN             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 15 | Trigger Pull 1  | 2.445  | 2.512  | 2.466  | 2.545  | 2.531  | 2.483  | 2.550  | 2.754  | 2.601  | 2.526  | 2.541  | 2.634  | 2.588  | 2.466  |
| 16 | Trigger Pull 2  | 2.592  | 2.591  | 2.516  | 2.645  | 2.573  | 2.592  | 2.707  | 2.618  | 2.439  | 2.492  | 2.489  | 2.513  | 2.520  | 2.583  |
| 17 | Trigger Pull 3  | 2.538  | 2.561  | 2.485  | 2.458  | 2.577  | 2.691  | 2.590  | 2.670  | 2.522  | 2.499  | 2.555  | 2.608  | 2.504  | 2.577  |
| 18 | Trigger Pull 4  | 2.577  | 2.585  | 2.510  | 2.565  | 2.543  | 2.712  | 2.552  | 2.568  | 2.693  | 2.526  | 2.601  | 2.472  | 2.588  | 2.542  |
| 19 | Trigger Pull 5  | 2.515  | 2.563  | 2.535  | 2.479  | 2.582  | 2.620  | 2.609  | 2.523  | 2.482  | 2.581  | 2.580  | 2.550  | 2.510  | 2.533  |
| 20 | Trigger Pull 6  | 2.431  | 2.631  | 2.532  | 2.525  | 2.504  | 2.693  | 2.558  | 2.602  | 2.645  | 2.561  | 2.534  | 2.496  | 2.596  | 2.676  |
| 21 | Trigger Pull 7  | 2.571  | 2.635  | 2.747  | 2.471  | 2.693  | 2.626  | 2.600  | 2.569  | 2.551  | 2.571  | 2.588  | 2.516  | 2.546  | 2.466  |
| 22 | Trigger Pull 8  | 2.543  | 2.597  | 2.504  | 2.605  | 2.520  | 2.659  | 2.504  | 2.651  | 2.607  | 2.482  | 2.542  | 2.640  | 2.449  | 2.564  |
| 23 | Trigger Pull 9  | 2.577  | 2.564  | 2.523  | 2.560  | 2.545  | 2.651  | 2.553  | 2.672  | 2.648  | 2.583  | 2.593  | 2.494  | 2.533  | 2.597  |
| 24 | Trigger Pull 10 | 2.531  | 2.539  | 2.515  | 2.605  | 2.526  | 2.634  | 2.593  | 2.640  | 2.580  | 2.482  | 2.543  | 2.588  | 2.533  | 2.558  |
| 25 | Average:        | 2.532  | 2.578  | 2.533  | 2.546  | 2.559  | 2.636  | 2.582  | 2.627  | 2.577  | 2.530  | 2.557  | 2.551  | 2.537  | 2.556  |
| 26 | SD:             | 0.055  | 0.038  | 0.078  | 0.063  | 0.054  | 0.065  | 0.054  | 0.066  | 0.079  | 0.041  | 0.034  | 0.062  | 0.046  | 0.062  |
| 27 | MAX             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 28 | Trigger Pull 1  | 5.998  | 6.036  | 6.020  | 5.835  | 5.461  | 6.039  | 5.705  | 5.758  | 6.542  | 6.061  | 6.366  | 6.339  | 6.061  | 6.364  |
| 29 | Trigger Pull 2  | 6.082  | 5.860  | 5.853  | 6.053  | 5.605  | 6.120  | 5.818  | 5.738  | 6.534  | 5.962  | 6.357  | 6.384  | 6.181  | 6.393  |
| 30 | Trigger Pull 3  | 6.003  | 6.172  | 5.904  | 6.080  | 5.553  | 6.167  | 5.631  | 5.731  | 6.580  | 5.830  | 6.461  | 6.494  | 6.053  | 6.401  |
| 31 | Trigger Pull 4  | 6.072  | 6.024  | 6.026  | 5.944  | 5.562  | 6.356  | 5.619  | 5.675  | 6.638  | 5.898  | 6.638  | 6.366  | 6.409  | 6.405  |
| 32 | Trigger Pull 5  | 6.192  | 6.095  | 5.942  | 5.707  | 5.729  | 6.061  | 5.648  | 5.777  | 6.547  | 5.878  | 6.332  | 6.401  | 6.054  | 6.421  |
| 33 | Trigger Pull 6  | 6.090  | 5.934  | 5.953  | 5.696  | 5.714  | 6.007  | 5.854  | 5.649  | 6.504  | 5.947  | 6.338  | 6.266  | 6.018  | 6.311  |
| 34 | Trigger Pull 7  | 6.084  | 5.894  | 5.995  | 6.077  | 5.718  | 6.061  | 5.785  | 6.205  | 6.506  | 5.982  | 6.488  | 6.234  | 6.199  | 6.331  |
| 35 | Trigger Pull 8  | 6.035  | 5.841  | 5.936  | 5.715  | 5.689  | 6.019  | 5.755  | 5.947  | 6.477  | 5.986  | 6.304  | 6.300  | 6.296  | 6.368  |
| 36 | Trigger Pull 9  | 6.061  | 6.042  | 5.704  | 5.725  | 5.592  | 6.534  | 5.682  | 5.972  | 6.528  | 5.982  | 6.479  | 6.345  | 6.267  | 6.374  |
| 37 | Trigger Pull 10 | 6.084  | 5.971  | 5.811  | 5.768  | 5.572  | 5.973  | 5.684  | 6.026  | 6.496  | 6.099  | 6.396  | 6.277  | 6.094  | 6.390  |
| 38 | Average:        | 6.070  | 5.987  | 5.914  | 5.860  | 5.620  | 6.134  | 5.718  | 5.848  | 6.535  | 5.963  | 6.416  | 6.341  | 6.163  | 6.376  |
| 39 | SD:             | 0.055  | 0.106  | 0.101  | 0.163  | 0.089  | 0.178  | 0.081  | 0.180  | 0.047  | 0.081  | 0.101  | 0.076  | 0.129  | 0.034  |
| 40 | Test            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 41 | Trigger Pull 1  | 3.722  | 3.480  | 3.638  | 3.455  | 3.485  | 3.481  | 3.479  | 3.553  | 3.444  | 3.308  | 3.645  | 3.463  | 3.513  | 3.593  |
| 42 | Trigger Pull 2  | 3.652  | 3.554  | 3.649  | 3.442  | 3.410  | 3.471  | 3.481  | 3.580  | 3.410  | 3.384  | 3.574  | 3.474  | 3.515  | 3.436  |
| 43 | Trigger Pull 3  | 3.647  | 3.577  | 3.648  | 3.407  | 3.408  | 3.545  | 3.485  | 3.522  | 3.390  | 3.318  | 3.589  | 3.465  | 3.494  | 3.555  |
| 44 | Trigger Pull 4  | 3.566  | 3.492  | 3.642  | 3.392  | 3.396  | 3.516  | 3.401  | 3.466  | 3.412  | 3.358  | 3.526  | 3.529  | 3.547  | 3.638  |

|    | P      | Q      | R      | S      | T      | U      |
|----|--------|--------|--------|--------|--------|--------|
| 1  | A15    | A16    | A17    | A18    | A19    | A20    |
| 2  | 0.0206 | 0.0201 | 0.0201 | 0.0201 | 0.0205 | 0.0202 |
| 3  | 0.0206 | 0.0199 | 0.0200 | 0.0203 | 0.0207 | 0.0201 |
| 4  | 0.0207 | 0.0197 | 0.0200 | 0.0201 | 0.0204 | 0.0201 |
| 5  | 0.0206 | 0.0199 | 0.0200 | 0.0202 | 0.0205 | 0.0201 |
| 6  | 0.0001 | 0.0002 | 0.0001 | 0.0001 | 0.0002 | 0.0001 |
| 7  |        |        |        |        |        |        |
| 8  | 0.004  | 0.003  | 0.003  | 0.006  | 0.003  | 0.003  |
| 9  | 0.004  | 0.003  | 0.003  | 0.006  | 0.003  | 0.003  |
| 10 | 0.004  | 0.003  | 0.003  | 0.006  | 0.003  | 0.003  |
| 11 | 0.0040 | 0.0030 | 0.0030 | 0.0060 | 0.0030 | 0.0030 |
| 12 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 13 | 0.038  | 0.036  | 0.037  | 0.036  | 0.036  | 0.038  |
| 14 |        |        |        |        |        |        |
| 15 | 2.488  | 2.520  | 2.569  | 2.483  | 2.524  | 2.597  |
| 16 | 2.445  | 2.469  | 2.580  | 2.506  | 2.510  | 2.570  |
| 17 | 2.511  | 2.432  | 2.657  | 2.521  | 2.535  | 2.626  |
| 18 | 2.560  | 2.515  | 2.541  | 2.475  | 2.575  | 2.593  |
| 19 | 2.496  | 2.542  | 2.605  | 2.541  | 2.528  | 2.612  |
| 20 | 2.578  | 2.572  | 2.614  | 2.526  | 2.541  | 2.598  |
| 21 | 2.468  | 2.549  | 2.550  | 2.549  | 2.623  | 2.587  |
| 22 | 2.610  | 2.575  | 2.536  | 2.516  | 2.628  | 2.621  |
| 23 | 2.450  | 2.518  | 2.553  | 2.559  | 2.544  | 2.591  |
| 24 | 2.544  | 2.485  | 2.573  | 2.436  | 2.559  | 2.679  |
| 25 | 2.515  | 2.518  | 2.578  | 2.511  | 2.557  | 2.607  |
| 26 | 0.056  | 0.045  | 0.038  | 0.038  | 0.041  | 0.030  |
| 27 |        |        |        |        |        |        |
| 28 | 5.820  | 5.517  | 5.991  | 5.699  | 5.632  | 5.809  |
| 29 | 5.782  | 5.514  | 6.026  | 5.886  | 5.620  | 5.801  |
| 30 | 5.892  | 5.537  | 6.034  | 5.671  | 5.685  | 5.833  |
| 31 | 5.855  | 5.499  | 6.038  | 5.661  | 5.691  | 5.885  |
| 32 | 5.620  | 5.532  | 6.028  | 5.515  | 5.596  | 5.840  |
| 33 | 5.887  | 5.531  | 6.038  | 5.594  | 5.712  | 5.772  |
| 34 | 5.836  | 5.528  | 6.011  | 5.503  | 5.662  | 5.782  |
| 35 | 5.793  | 5.508  | 6.004  | 5.420  | 5.615  | 5.847  |
| 36 | 5.529  | 5.506  | 5.977  | 6.054  | 5.599  | 5.827  |
| 37 | 5.499  | 5.52   | 6.004  | 5.496  | 5.667  | 5.866  |
| 38 | 5.751  | 5.519  | 6.015  | 5.650  | 5.648  | 5.826  |
| 39 | 0.147  | 0.013  | 0.021  | 0.195  | 0.041  | 0.036  |
| 40 |        |        |        |        |        |        |
| 41 | 3.527  | 3.023  | 3.712  | 3.437  | 3.693  | 3.401  |
| 42 | 3.550  | 3.080  | 3.678  | 3.490  | 3.736  | 3.455  |
| 43 | 3.610  | 3.069  | 3.695  | 3.488  | 3.709  | 3.444  |
| 44 | 3.570  | 3.100  | 3.709  | 3.404  | 3.747  | 3.428  |

|    | A               | B     | C     | D     | E     | F     | G     | H     | I     | J     | K     | L     | M     | N     | O     |
|----|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 45 | Trigger Pull 5  | 3.484 | 3.455 | 3.695 | 3.390 | 3.428 | 3.512 | 3.477 | 3.525 | 3.434 | 3.347 | 3.498 | 3.493 | 3.467 | 3.620 |
| 46 | Trigger Pull 6  | 3.597 | 3.485 | 3.577 | 3.464 | 3.382 | 3.565 | 3.423 | 3.536 | 3.480 | 3.416 | 3.557 | 3.531 | 3.488 | 3.553 |
| 47 | Trigger Pull 7  | 3.618 | 3.519 | 3.640 | 3.378 | 3.322 | 3.462 | 3.555 | 3.485 | 3.423 | 3.256 | 3.499 | 3.562 | 3.536 | 3.551 |
| 48 | Trigger Pull 8  | 3.601 | 3.511 | 3.636 | 3.374 | 3.345 | 3.404 | 3.480 | 3.572 | 3.482 | 3.374 | 3.467 | 3.489 | 3.497 | 3.518 |
| 49 | Trigger Pull 9  | 3.601 | 3.575 | 3.669 | 3.480 | 3.346 | 3.520 | 3.447 | 3.506 | 3.537 | 3.336 | 3.503 | 3.412 | 3.621 | 3.618 |
| 50 | Trigger Pull 10 | 3.577 | 3.607 | 3.717 | 3.477 | 3.256 | 3.445 | 3.453 | 3.510 | 3.436 | 3.324 | 3.510 | 3.569 | 3.580 | 3.545 |
| 51 | Average:        | 3.607 | 3.526 | 3.651 | 3.426 | 3.378 | 3.492 | 3.468 | 3.526 | 3.445 | 3.342 | 3.537 | 3.499 | 3.526 | 3.563 |
| 52 | SD:             | 0.062 | 0.050 | 0.038 | 0.042 | 0.064 | 0.049 | 0.042 | 0.036 | 0.044 | 0.045 | 0.054 | 0.049 | 0.047 | 0.059 |
| 53 | Sear Lift       |       |       |       | 0.012 | 0.010 |       |       |       | 0.011 | 0.010 |       |       |       | 0.011 |

|    | P     | Q     | R     | S     | T     | U     |
|----|-------|-------|-------|-------|-------|-------|
| 45 | 3.550 | 3.084 | 3.701 | 3.473 | 3.710 | 3.452 |
| 46 | 3.595 | 3.042 | 3.797 | 3.373 | 3.670 | 3.388 |
| 47 | 3.589 | 3.020 | 3.718 | 3.460 | 3.682 | 3.429 |
| 48 | 3.601 | 3.033 | 3.785 | 3.469 | 3.689 | 3.411 |
| 49 | 3.581 | 3.023 | 3.669 | 3.418 | 3.687 | 3.444 |
| 50 | 3.630 | 3.074 | 3.71  | 3.560 | 3.642 | 3.385 |
| 51 | 3.580 | 3.055 | 3.717 | 3.457 | 3.697 | 3.424 |
| 52 | 0.031 | 0.030 | 0.042 | 0.053 | 0.031 | 0.026 |
| 53 | 0.010 |       |       |       | 0.010 |       |

**Cell:** Q1

**Comment:** metrology1:  
for dry cycle on receiver S7606985

**Cell:** R1

**Comment:** metrology1:  
for dry cycle on receiver S7607332

**Cell:** S1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

**Cell:** T1

**Comment:** metrology1:  
replaced XMP#12 in gun A12 at 500 rds when trigger broke. Gun A13 replaced gun A12 for endurance testing to 1000 rounds.

**Cell:** U1

**Comment:** metrology1:  
for dry cycle on receiver S7607332 after XMP#17 trigger broke at 5000 cycles



|    | A               | B      | C      | D      | E      | F      | G      | H      | I      | J      |
|----|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1  |                 | A1     | A2     | A3     | A6     | A7     | A8     | A11    | A12    | A13    |
| 2  | Engagement 1    | 0.0200 | 0.0211 | 0.0215 | 0.0204 | 0.0208 | 0.0210 | 0.0216 | 0.0226 | 0.0252 |
| 3  | Engagement 2    | 0.0201 | 0.0213 | 0.0215 | 0.0204 | 0.0210 | 0.0210 | 0.0216 | 0.0227 | 0.0249 |
| 4  | Engagement 3    | 0.0201 | 0.0212 | 0.0215 | 0.0206 | 0.0209 | 0.0210 | 0.0216 | 0.0225 | 0.0250 |
| 5  | Average:        | 0.0201 | 0.0212 | 0.0215 | 0.0205 | 0.0209 | 0.0210 | 0.0216 | 0.0226 | 0.0250 |
| 6  | SD:             | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0001 | 0.0000 | 0.0000 | 0.0001 | 0.0002 |
| 7  |                 |        |        |        |        |        |        |        |        |        |
| 8  | TMIS 1          | 0.003  | 0.007  | 0.005  | 0.003  | 0.004  | 0.003  | 0.005  | 0.004  | 0.010  |
| 9  | TMIS 2          | 0.004  | 0.006  | 0.005  | 0.003  | 0.004  | 0.003  | 0.005  | 0.004  | 0.011  |
| 10 | TMIS 3          | 0.003  | 0.006  | 0.005  | 0.003  | 0.004  | 0.003  | 0.004  | 0.004  | 0.010  |
| 11 | Average:        | 0.0033 | 0.0063 | 0.0050 | 0.0030 | 0.0040 | 0.0030 | 0.0047 | 0.0040 | 0.0103 |
| 12 | SD:             | 0.0006 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0006 | 0.0000 | 0.0006 |
| 13 | Test            |        |        |        |        |        |        |        |        |        |
| 14 | Trigger Pull 1  | 3.835  | 3.453  | 3.809  | 3.882  | 3.731  | 4.019  | 3.780  |        | 3.586  |
| 15 | Trigger Pull 2  | 3.630  | 3.412  | 3.777  | 3.942  | 3.724  | 4.005  | 3.926  |        | 3.447  |
| 16 | Trigger Pull 3  | 3.645  | 3.424  | 3.754  | 3.961  | 3.763  | 4.016  | 3.821  |        | 3.490  |
| 17 | Trigger Pull 4  | 3.578  | 3.543  | 3.715  | 3.966  | 3.685  | 4.063  | 3.902  |        | 3.574  |
| 18 | Trigger Pull 5  | 3.772  | 3.541  | 3.766  | 3.917  | 3.777  | 3.949  | 3.717  |        | 3.548  |
| 19 | Trigger Pull 6  | 3.540  | 3.509  | 3.780  | 3.860  | 3.730  | 4.010  | 3.904  |        | 3.483  |
| 20 | Trigger Pull 7  | 3.765  | 3.462  | 3.774  | 3.874  | 3.755  | 4.036  | 3.923  |        | 3.601  |
| 21 | Trigger Pull 8  | 3.727  | 3.479  | 3.754  | 3.778  | 3.745  | 4.031  | 3.780  |        | 3.555  |
| 22 | Trigger Pull 9  | 3.794  | 3.287  | 3.756  | 3.888  | 3.806  | 3.997  | 3.896  |        | 3.520  |
| 23 | Trigger Pull 10 | 3.699  | 3.363  | 3.697  | 3.799  | 3.843  | 3.960  | 3.920  |        | 3.425  |
| 24 | Average:        | 3.699  | 3.447  | 3.758  | 3.887  | 3.756  | 4.009  | 3.857  |        | 3.523  |
| 25 | SD:             | 0.098  | 0.080  | 0.032  | 0.063  | 0.045  | 0.034  | 0.076  |        | 0.060  |
| 26 | Sear Lift       |        |        | 0.010  |        |        | 0.011  |        |        |        |

**Cell:** I1

**Comment:** metrology1:

Trigger accidentally broke after measuring engagement and TMIS, but before trigger pull. Trigger assembly 19 replaced trigger assembly 12 on this gun.

**Cell:** I14

**Comment:** metrology1:

Trigger accidentally broke after measuring engagement and TMIS, but before trigger pull. Trigger assembly 19 replaced trigger assembly 12 on this gun.

|    | A               | B      | C      | D      | E      | F      | G      | H      | I      | J      | K      |
|----|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1  |                 | A1     | A2     | A6     | A7     | A11    | A13    | A16    | A17    | A18    | A20    |
| 2  | Engagement 1    | 0.0197 | 0.0214 | 0.0205 | 0.0201 | 0.0213 | 0.0252 | 0.0219 | 0.0206 | 0.0219 | 0.0207 |
| 3  | Engagement 2    | 0.0196 | 0.0213 | 0.0203 | 0.0203 | 0.0215 | 0.0252 | 0.0216 | 0.0205 | 0.0219 | 0.0207 |
| 4  | Engagement 3    | 0.0196 | 0.0214 | 0.0204 | 0.0203 | 0.0214 | 0.0251 | 0.0216 | 0.0202 | 0.0202 | 0.0210 |
| 5  | Average:        | 0.0196 | 0.0214 | 0.0204 | 0.0202 | 0.0214 | 0.0252 | 0.0217 | 0.0204 | 0.0213 | 0.0208 |
| 6  | SD:             | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0002 | 0.0010 | 0.0002 |
| 7  |                 |        |        |        |        |        |        |        |        |        |        |
| 8  | TMIS 1          | 0.003  | 0.006  | 0.003  | 0.004  | 0.005  | 0.011  | 0.005  | 0.003  | 0.006  | 0.004  |
| 9  | TMIS 2          | 0.003  | 0.006  | 0.003  | 0.004  | 0.005  | 0.011  | 0.005  | 0.003  | 0.006  | 0.003  |
| 10 | TMIS 3          | 0.003  | 0.006  | 0.003  | 0.004  | 0.004  | 0.011  | 0.004  | 0.003  | 0.007  | 0.004  |
| 11 | Average:        | 0.0030 | 0.0060 | 0.0030 | 0.0040 | 0.0047 | 0.0110 | 0.0047 | 0.0030 | 0.0063 | 0.0000 |
| 12 | SD:             | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0006 | 0.0000 | 0.0006 | 0.0000 | 0.0006 | 0.0007 |
| 13 | Test            |        |        |        |        |        |        |        |        |        |        |
| 14 | Trigger Pull 1  | 4.255  | 3.318  | 4.032  | 3.858  | 3.989  | 3.683  | 3.513  | 3.798  | 3.89   | 3.422  |
| 15 | Trigger Pull 2  | 4.234  | 3.288  | 3.965  | 3.805  | 4.037  | 3.845  | 3.833  | 4.009  | 3.929  | 3.239  |
| 16 | Trigger Pull 3  | 4.158  | 3.248  | 3.933  | 3.645  | 3.966  | 3.669  | 3.666  | 3.84   | 3.803  | 3.254  |
| 17 | Trigger Pull 4  | 4.172  | 3.385  | 3.989  | 3.863  | 4.142  | 3.750  | 3.578  | 3.793  | 3.817  | 3.331  |
| 18 | Trigger Pull 5  | 4.196  | 3.383  | 4.044  | 3.737  | 4.077  | 3.622  | 3.667  | 3.708  | 3.749  | 3.264  |
| 19 | Trigger Pull 6  | 4.199  | 3.379  | 3.956  | 3.717  | 4.075  | 3.611  | 3.713  | 3.866  | 3.867  | 3.286  |
| 20 | Trigger Pull 7  | 4.164  | 3.338  | 3.944  | 3.785  | 4.039  | 3.569  | 3.704  | 3.781  | 3.853  | 3.24   |
| 21 | Trigger Pull 8  | 4.213  | 3.364  | 3.917  | 3.749  | 3.985  | 3.648  | 3.689  | 3.759  | 3.804  | 3.242  |
| 22 | Trigger Pull 9  | 4.121  | 3.328  | 3.843  | 3.636  | 4.048  | 3.597  | 3.635  | 3.768  | 3.828  | 3.22   |
| 23 | Trigger Pull 10 | 4.175  | 3.295  | 3.907  | 3.871  | 3.989  | 3.691  | 3.626  | 3.745  | 3.815  | 3.235  |
| 24 | Average:        | 4.189  | 3.333  | 3.953  | 3.767  | 4.035  | 3.669  | 3.662  | 3.807  | 3.836  | 3.273  |
| 25 | SD:             | 0.039  | 0.046  | 0.060  | 0.086  | 0.054  | 0.081  | 0.085  | 0.084  | 0.051  | 0.061  |
| 26 | Sear Lift       |        | 0.012  |        | 0.012  |        | 0.010  |        |        |        |        |

**Cell:** H1

**Comment:** metrology1:  
for dry cycle on receiver S7606985

**Cell:** I1

**Comment:** metrology1:  
for dry cycle on receiver S7607332

**Cell:** J1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

**Cell:** K1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

|    | A               | B      | C      | D      |
|----|-----------------|--------|--------|--------|
| 1  |                 | A1     | A6     | A11    |
| 2  | Engagement 1    | 0.0197 | 0.0203 | 0.0218 |
| 3  | Engagement 2    | 0.0196 | 0.0204 | 0.0216 |
| 4  | Engagement 3    | 0.0195 | 0.0203 | 0.0215 |
| 5  | Average:        | 0.0196 | 0.0203 | 0.0216 |
| 6  | SD:             | 0.0001 | 0.0001 | 0.0002 |
| 7  |                 |        |        |        |
| 8  | TMIS 1          | 0.004  | 0.003  | 0.005  |
| 9  | TMIS 2          | 0.004  | 0.003  | 0.005  |
| 10 | TMIS 3          | 0.004  | 0.003  | 0.005  |
| 11 | Average:        | 0.0040 | 0.0030 | 0.0050 |
| 12 | SD:             | 0.0000 | 0.0000 | 0.0000 |
| 13 | <b>Test</b>     |        |        |        |
| 14 | Trigger Pull 1  | 4.346  | 3.985  | 3.736  |
| 15 | Trigger Pull 2  | 4.364  | 4.061  | 3.663  |
| 16 | Trigger Pull 3  | 4.276  | 4.069  | 3.820  |
| 17 | Trigger Pull 4  | 4.384  | 3.923  | 3.828  |
| 18 | Trigger Pull 5  | 4.295  | 3.882  | 3.864  |
| 19 | Trigger Pull 6  | 4.218  | 4.01   | 3.775  |
| 20 | Trigger Pull 7  | 4.263  | 3.934  | 3.846  |
| 21 | Trigger Pull 8  | 4.279  | 3.858  | 3.716  |
| 22 | Trigger Pull 9  | 4.249  | 3.88   | 3.676  |
| 23 | Trigger Pull 10 | 4.296  | 3.949  | 3.684  |
| 24 | Average:        | 4.297  | 3.955  | 3.761  |
| 25 | SD:             | 0.053  | 0.075  | 0.076  |

|    | A               | B      | C      | D      | E      | F      | G      | H       | I                                                      |
|----|-----------------|--------|--------|--------|--------|--------|--------|---------|--------------------------------------------------------|
| 1  |                 | A1     | A6     | A11    | A16    | A17    | A18    | A20     | A20 unable to collect data due to computer malfunction |
| 2  | Engagement 1    | 0.0205 | 0.0204 | 0.0215 | 0.0202 | 0.0192 | 0.0203 |         |                                                        |
| 3  | Engagement 2    | 0.0203 | 0.0204 | 0.0214 | 0.0204 | 0.0199 | 0.0195 |         |                                                        |
| 4  | Engagement 3    | 0.0202 | 0.0203 | 0.0214 | 0.0208 | 0.0197 | 0.0193 |         |                                                        |
| 5  | Average:        | 0.0203 | 0.0204 | 0.0214 | 0.0205 | 0.0196 | 0.0197 | #DIV/0! |                                                        |
| 6  | SD:             | 0.0002 | 0.0001 | 0.0001 | 0.0003 | 0.0004 | 0.0005 | #DIV/0! |                                                        |
| 7  |                 |        |        |        |        |        |        |         |                                                        |
| 8  | TMIS 1          | 0.004  | 0.003  | 0.006  | 0.005  | 0.005  | 0.007  |         |                                                        |
| 9  | TMIS 2          | 0.004  | 0.003  | 0.005  | 0.004  | 0.004  | 0.007  |         |                                                        |
| 10 | TMIS 3          | 0.004  | 0.003  | 0.006  | 0.004  | 0.004  | 0.007  |         |                                                        |
| 11 | Average:        | 0.0040 | 0.0030 | 0.0057 | 0.0043 | 0.0043 | 0.0070 | #DIV/0! |                                                        |
| 12 | SD:             | 0.0000 | 0.0000 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | #DIV/0! |                                                        |
| 13 | Test            |        |        |        |        |        |        |         |                                                        |
| 14 | Trigger Pull 1  | 3.923  | 4.058  | 3.478  | 3.538  | 3.635  | 3.653  |         |                                                        |
| 15 | Trigger Pull 2  | 4.024  | 4.115  | 3.464  | 3.715  | 3.52   | 3.661  |         |                                                        |
| 16 | Trigger Pull 3  | 4.127  | 3.968  | 3.469  | 3.631  | 3.541  | 3.619  |         |                                                        |
| 17 | Trigger Pull 4  | 4.072  | 4.088  | 3.420  | 3.556  | 3.531  | 3.673  |         |                                                        |
| 18 | Trigger Pull 5  | 4.069  | 3.989  | 3.515  | 3.601  | 3.418  | 3.626  |         |                                                        |
| 19 | Trigger Pull 6  | 4.107  | 4.045  | 3.472  | 3.447  | 3.48   | 3.584  |         |                                                        |
| 20 | Trigger Pull 7  | 3.927  | 4.047  | 3.493  | 3.66   | 3.434  | 3.597  |         |                                                        |
| 21 | Trigger Pull 8  | 4.17   | 4.043  | 3.578  | 3.523  | 3.571  | 3.639  |         |                                                        |
| 22 | Trigger Pull 9  | 3.949  | 4.076  | 3.467  | 3.595  | 3.569  | 3.631  |         |                                                        |
| 23 | Trigger Pull 10 | 3.986  | 4.112  | 3.504  | 3.57   | 3.501  | 3.656  |         |                                                        |
| 24 | Average:        | 4.035  | 4.054  | 3.486  | 3.584  | 3.520  | 3.634  | #DIV/0! |                                                        |
| 25 | SD:             | 0.087  | 0.048  | 0.041  | 0.075  | 0.065  | 0.028  | #DIV/0! |                                                        |
| 26 | Sear Lift       | 0.010  | 0.011  | 0.012  |        |        |        |         |                                                        |

**Cell:** E1

**Comment:** metrology1:  
for dry cycle on receiver S7606985

**Cell:** F1

**Comment:** metrology1:  
for dry cycle on receiver S7607332

**Cell:** G1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

**Cell:** H1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

|    | A               | B      | C      | D      | E       | F                                                      |
|----|-----------------|--------|--------|--------|---------|--------------------------------------------------------|
| 1  |                 | A16    | A17    | A18    | A20     | A20 unable to collect data due to computer malfunction |
| 2  | Engagement 1    | 0.0221 | 0.0194 | 0.0220 |         |                                                        |
| 3  | Engagement 2    | 0.0219 | 0.0195 | 0.0220 |         |                                                        |
| 4  | Engagement 3    | 0.0220 | 0.0200 | 0.0219 |         |                                                        |
| 5  | Average:        | 0.0220 | 0.0196 | 0.0220 | #DIV/0! |                                                        |
| 6  | SD:             | 0.0001 | 0.0003 | 0.0001 | #DIV/0! |                                                        |
| 7  |                 |        |        |        |         |                                                        |
| 8  | TMIS 1          | 0.004  | 0.004  | 0.007  |         |                                                        |
| 9  | TMIS 2          | 0.003  | 0.004  | 0.006  |         |                                                        |
| 10 | TMIS 3          | 0.003  | 0.004  | 0.007  |         |                                                        |
| 11 | Average:        | 0.0033 | 0.0040 | 0.0067 | #DIV/0! |                                                        |
| 12 | SD:             | 0.0006 | 0.0000 | 0.0006 | #DIV/0! |                                                        |
| 13 | <b>Test</b>     |        |        |        |         |                                                        |
| 14 | Trigger Pull 1  | 3.304  | 3.173  | 3.574  |         |                                                        |
| 15 | Trigger Pull 2  | 3.206  | 3.057  | 3.657  |         |                                                        |
| 16 | Trigger Pull 3  | 3.196  | 3.097  | 3.588  |         |                                                        |
| 17 | Trigger Pull 4  | 3.239  | 3.045  | 3.552  |         |                                                        |
| 18 | Trigger Pull 5  | 3.245  | 3.159  | 3.570  |         |                                                        |
| 19 | Trigger Pull 6  | 3.307  | 3.107  | 3.648  |         |                                                        |
| 20 | Trigger Pull 7  | 3.319  | 3.146  | 3.648  |         |                                                        |
| 21 | Trigger Pull 8  | 3.314  | 3.282  | 3.627  |         |                                                        |
| 22 | Trigger Pull 9  | 3.186  | 3.147  | 3.642  |         |                                                        |
| 23 | Trigger Pull 10 | 3.291  | 3.396  | 3.682  |         |                                                        |
| 24 | Average:        | 3.261  | 3.161  | 3.619  | #DIV/0! |                                                        |
| 25 | SD:             | 0.052  | 0.106  | 0.044  | #DIV/0! |                                                        |



**Cell:** B1

**Comment:** metrology1:  
for dry cycle on receiver S7606985

**Cell:** C1

**Comment:** metrology1:  
for dry cycle on receiver S7607332

**Cell:** D1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

**Cell:** E1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

|    | A               | B      | C      | D      | E      |
|----|-----------------|--------|--------|--------|--------|
| 1  |                 | A16    | A17    | A18    | A20    |
| 2  | Engagement 1    | 0.0220 | 0.0204 | 0.0218 | 0.0212 |
| 3  | Engagement 2    | 0.0221 | 0.0205 | 0.0219 | 0.0212 |
| 4  | Engagement 3    | 0.0222 | 0.0204 | 0.0218 | 0.0211 |
| 5  | Average:        | 0.0221 | 0.0204 | 0.0218 | 0.0212 |
| 6  | SD:             | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 7  |                 |        |        |        |        |
| 8  | TMIS 1          | 0.004  | 0.005  | 0.004  | 0.005  |
| 9  | TMIS 2          | 0.004  | 0.005  | 0.004  | 0.004  |
| 10 | TMIS 3          | 0.004  | 0.005  | 0.004  | 0.004  |
| 11 | Average:        | 0.0040 | 0.0050 | 0.0040 | 0.0043 |
| 12 | SD:             | 0.0000 | 0.0000 | 0.0000 | 0.0006 |
| 13 | Test            |        |        |        |        |
| 14 | Trigger Pull 1  | 3.227  | 3.453  | 3.682  | 3.4    |
| 15 | Trigger Pull 2  | 3.228  | 3.439  | 3.703  | 3.376  |
| 16 | Trigger Pull 3  | 3.134  | 3.328  | 3.561  | 3.22   |
| 17 | Trigger Pull 4  | 3.231  | 3.346  | 3.578  | 3.403  |
| 18 | Trigger Pull 5  | 3.167  | 3.353  | 3.603  | 3.316  |
| 19 | Trigger Pull 6  | 3.139  | 3.358  | 3.681  | 3.248  |
| 20 | Trigger Pull 7  | 3.188  | 3.376  | 3.576  | 3.381  |
| 21 | Trigger Pull 8  | 3.185  | 3.433  | 3.669  | 3.296  |
| 22 | Trigger Pull 9  | 3.228  | 3.445  | 3.532  | 3.331  |
| 23 | Trigger Pull 10 | 3.191  | 3.426  | 3.612  | 3.226  |
| 24 | Average:        | 3.192  | 3.396  | 3.620  | 3.320  |
| 25 | SD:             | 0.037  | 0.048  | 0.060  | 0.071  |

**Cell:** B1

**Comment:** metrology1:  
for dry cycle on receiver S7606985

**Cell:** C1

**Comment:** metrology1:  
for dry cycle on receiver S7607332

**Cell:** D1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

**Cell:** E1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

|    | A               | B      | C      | D      |
|----|-----------------|--------|--------|--------|
| 1  |                 | A16    | A18    | A20    |
| 2  | Engagement 1    | 0.0219 | 0.0217 | 0.0216 |
| 3  | Engagement 2    | 0.0216 | 0.0220 | 0.0213 |
| 4  | Engagement 3    | 0.0214 | 0.0220 | 0.0212 |
| 5  | Average:        | 0.0216 | 0.0219 | 0.0214 |
| 6  | SD:             | 0.0003 | 0.0002 | 0.0002 |
| 7  |                 |        |        |        |
| 8  | TMIS 1          | 0.003  | 0.008  | 0.004  |
| 9  | TMIS 2          | 0.003  | 0.008  | 0.004  |
| 10 | TMIS 3          | 0.003  | 0.009  | 0.004  |
| 11 | Average:        | 0.0030 | 0.0083 | 0.0040 |
| 12 | SD:             | 0.0000 | 0.0006 | 0.0000 |
| 13 | <b>Test</b>     |        |        |        |
| 14 | Trigger Pull 1  | 3.189  | 3.507  | 3.12   |
| 15 | Trigger Pull 2  | 3.185  | 3.539  | 3.186  |
| 16 | Trigger Pull 3  | 3.255  | 3.4    | 3.133  |
| 17 | Trigger Pull 4  | 3.278  | 3.401  | 3.196  |
| 18 | Trigger Pull 5  | 3.235  | 3.486  | 3.218  |
| 19 | Trigger Pull 6  | 3.264  | 3.409  | 3.164  |
| 20 | Trigger Pull 7  | 3.278  | 3.425  | 3.174  |
| 21 | Trigger Pull 8  | 3.384  | 3.454  | 3.007  |
| 22 | Trigger Pull 9  | 3.421  | 3.435  | 3.062  |
| 23 | Trigger Pull 10 | 3.209  | 3.402  | 3.083  |
| 24 | Average:        | 3.270  | 3.446  | 3.134  |
| 25 | SD:             | 0.078  | 0.049  | 0.067  |

**Cell:** B1

**Comment:** metrology1:  
for dry cycle on receiver S7606985

**Cell:** C1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

**Cell:** D1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

|    | A               | B      | C      | D      |
|----|-----------------|--------|--------|--------|
| 1  |                 | A16    | A18    | A20    |
| 2  | Engagement 1    | 0.0219 | 0.0222 | 0.0211 |
| 3  | Engagement 2    | 0.0218 | 0.0222 | 0.0211 |
| 4  | Engagement 3    | 0.0217 | 0.0222 | 0.0210 |
| 5  | Average:        | 0.0218 | 0.0222 | 0.0211 |
| 6  | SD:             | 0.0001 | 0.0000 | 0.0001 |
| 7  |                 |        |        |        |
| 8  | TMIS 1          | 0.005  | 0.009  | 0.005  |
| 9  | TMIS 2          | 0.004  | 0.009  | 0.004  |
| 10 | TMIS 3          | 0.004  | 0.009  | 0.005  |
| 11 | Average:        | 0.0043 | 0.0090 | 0.0047 |
| 12 | SD:             | 0.0006 | 0.0000 | 0.0006 |
| 13 | <b>Test</b>     |        |        |        |
| 14 | Trigger Pull 1  | 3.141  | 3.608  | 3.236  |
| 15 | Trigger Pull 2  | 2.896  | 3.555  | 3.246  |
| 16 | Trigger Pull 3  | 2.845  | 3.553  | 3.391  |
| 17 | Trigger Pull 4  | 2.948  | 3.558  | 3.185  |
| 18 | Trigger Pull 5  | 2.95   | 3.56   | 3.241  |
| 19 | Trigger Pull 6  | 2.92   | 3.572  | 3.223  |
| 20 | Trigger Pull 7  | 2.899  | 3.615  | 3.269  |
| 21 | Trigger Pull 8  | 2.953  | 3.585  | 3.241  |
| 22 | Trigger Pull 9  | 2.903  | 3.573  | 3.212  |
| 23 | Trigger Pull 10 | 2.874  | 3.559  | 3.345  |
| 24 | Average:        | 2.933  | 3.574  | 3.259  |
| 25 | SD:             | 0.081  | 0.022  | 0.063  |

**Cell:** B1

**Comment:** metrology1:  
for dry cycle on receiver S7606985

**Cell:** C1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

**Cell:** D1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

|    | A               | B      | C      | D      |
|----|-----------------|--------|--------|--------|
| 1  |                 | A16    | A18    | A20    |
| 2  | Engagement 1    | 0.0214 | 0.0223 | 0.0221 |
| 3  | Engagement 2    | 0.0213 | 0.0221 | 0.0202 |
| 4  | Engagement 3    | 0.0213 | 0.0219 | 0.0222 |
| 5  | Average:        | 0.0213 | 0.0221 | 0.0215 |
| 6  | SD:             | 0.0001 | 0.0002 | 0.0011 |
| 7  |                 |        |        |        |
| 8  | TMIS 1          | 0.004  | 0.009  | 0.004  |
| 9  | TMIS 2          | 0.004  | 0.009  | 0.004  |
| 10 | TMIS 3          | 0.004  | 0.010  | 0.005  |
| 11 | Average:        | 0.0040 | 0.0093 | 0.0043 |
| 12 | SD:             | 0.0000 | 0.0006 | 0.0006 |
| 13 | <b>Test</b>     |        |        |        |
| 14 | Trigger Pull 1  | 2.988  | 3.414  | 3.092  |
| 15 | Trigger Pull 2  | 2.999  | 3.408  | 3.197  |
| 16 | Trigger Pull 3  | 2.871  | 3.353  | 3.134  |
| 17 | Trigger Pull 4  | 2.838  | 3.351  | 3.124  |
| 18 | Trigger Pull 5  | 2.838  | 3.439  | 3.164  |
| 19 | Trigger Pull 6  | 2.951  | 3.442  | 3.159  |
| 20 | Trigger Pull 7  | 2.999  | 3.369  | 3.189  |
| 21 | Trigger Pull 8  | 3.004  | 3.389  | 3.142  |
| 22 | Trigger Pull 9  | 2.926  | 3.372  | 3.166  |
| 23 | Trigger Pull 10 | 2.973  | 3.471  | 3.149  |
| 24 | Average:        | 2.939  | 3.401  | 3.152  |
| 25 | SD:             | 0.067  | 0.041  | 0.031  |



**Cell:** B1

**Comment:** metrology1:  
for dry cycle on receiver S7606985

**Cell:** C1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

**Cell:** D1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

|    | A               | B      | C      | D      |
|----|-----------------|--------|--------|--------|
| 1  |                 | A16    | A18    | A20    |
| 2  | Engagement 1    | 0.0215 | 0.0219 | 0.0219 |
| 3  | Engagement 2    | 0.0212 | 0.0218 | 0.0219 |
| 4  | Engagement 3    | 0.0213 | 0.0217 | 0.0217 |
| 5  | Average:        | 0.0213 | 0.0218 | 0.0218 |
| 6  | SD:             | 0.0002 | 0.0001 | 0.0001 |
| 7  |                 |        |        |        |
| 8  | TMIS 1          | 0.004  | 0.009  | 0.005  |
| 9  | TMIS 2          | 0.004  | 0.008  | 0.004  |
| 10 | TMIS 3          | 0.004  | 0.009  | 0.004  |
| 11 | Average:        | 0.0040 | 0.0087 | 0.0043 |
| 12 | SD:             | 0.0000 | 0.0006 | 0.0006 |
| 13 | <b>Test</b>     |        |        |        |
| 14 | Trigger Pull 1  | 3.101  | 3.524  | 3.279  |
| 15 | Trigger Pull 2  | 3.023  | 3.481  | 3.218  |
| 16 | Trigger Pull 3  | 2.953  | 3.477  | 3.200  |
| 17 | Trigger Pull 4  | 3.009  | 3.446  | 3.254  |
| 18 | Trigger Pull 5  | 2.982  | 3.591  | 3.231  |
| 19 | Trigger Pull 6  | 3.009  | 3.463  | 3.253  |
| 20 | Trigger Pull 7  | 2.980  | 3.309  | 3.337  |
| 21 | Trigger Pull 8  | 2.985  | 3.493  | 3.265  |
| 22 | Trigger Pull 9  | 3.020  | 3.500  | 3.296  |
| 23 | Trigger Pull 10 | 2.988  | 3.436  | 3.297  |
| 24 | Average:        | 3.005  | 3.472  | 3.263  |
| 25 | SD:             | 0.040  | 0.072  | 0.041  |

**Cell:** B1

**Comment:** metrology1:  
for dry cycle on receiver S7606985

**Cell:** C1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

**Cell:** D1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

|    | A               | B      | C      | D      |
|----|-----------------|--------|--------|--------|
| 1  |                 | A16    | A18    | A20    |
| 2  | Engagement 1    | 0.0219 | 0.0220 | 0.0219 |
| 3  | Engagement 2    | 0.0219 | 0.0222 | 0.0217 |
| 4  | Engagement 3    | 0.0218 | 0.0220 | 0.0216 |
| 5  | Average:        | 0.0219 | 0.0221 | 0.0217 |
| 6  | SD:             | 0.0001 | 0.0001 | 0.0002 |
| 7  |                 |        |        |        |
| 8  | TMIS 1          | 0.005  | 0.009  | 0.005  |
| 9  | TMIS 2          | 0.004  | 0.009  | 0.005  |
| 10 | TMIS 3          | 0.004  | 0.009  | 0.005  |
| 11 | Average:        | 0.0043 | 0.0090 | 0.0050 |
| 12 | SD:             | 0.0006 | 0.0000 | 0.0000 |
| 13 | <b>Test</b>     |        |        |        |
| 14 | Trigger Pull 1  | 3.32   | 3.487  | 3.324  |
| 15 | Trigger Pull 2  | 3.324  | 3.442  | 3.399  |
| 16 | Trigger Pull 3  | 3.358  | 3.413  | 3.449  |
| 17 | Trigger Pull 4  | 3.204  | 3.439  | 3.427  |
| 18 | Trigger Pull 5  | 3.255  | 3.414  | 3.602  |
| 19 | Trigger Pull 6  | 3.166  | 3.414  | 3.453  |
| 20 | Trigger Pull 7  | 3.258  | 3.387  | 3.466  |
| 21 | Trigger Pull 8  | 3.308  | 3.447  | 3.38   |
| 22 | Trigger Pull 9  | 3.253  | 3.479  | 3.629  |
| 23 | Trigger Pull 10 | 3.295  | 3.484  | 3.68   |
| 24 | Average:        | 3.274  | 3.441  | 3.481  |
| 25 | SD:             | 0.059  | 0.034  | 0.117  |

**Cell:** B1

**Comment:** metrology1:  
for dry cycle on receiver S7606985

**Cell:** C1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

**Cell:** D1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

|    | A               | B      | C      | D      |
|----|-----------------|--------|--------|--------|
| 1  |                 | A16    | A18    | A20    |
| 2  | Engagement 1    | 0.0215 | 0.0213 | 0.0217 |
| 3  | Engagement 2    | 0.0213 | 0.0212 | 0.0216 |
| 4  | Engagement 3    | 0.0214 | 0.0215 | 0.0217 |
| 5  | Average:        | 0.0214 | 0.0213 | 0.0217 |
| 6  | SD:             | 0.0001 | 0.0002 | 0.0001 |
| 7  |                 |        |        |        |
| 8  | TMIS 1          | 0.005  | 0.005  | 0.005  |
| 9  | TMIS 2          | 0.004  | 0.004  | 0.006  |
| 10 | TMIS 3          | 0.005  | 0.004  | 0.005  |
| 11 | Average:        | 0.0047 | 0.0043 | 0.0055 |
| 12 | SD:             | 0.0006 | 0.0006 | 0.0005 |
| 13 | <b>Test</b>     |        |        |        |
| 14 | Trigger Pull 1  | 3.344  | 3.542  | 3.502  |
| 15 | Trigger Pull 2  | 3.255  | 3.598  | 3.53   |
| 16 | Trigger Pull 3  | 3.286  | 3.56   | 3.433  |
| 17 | Trigger Pull 4  | 3.251  | 3.561  | 3.499  |
| 18 | Trigger Pull 5  | 3.196  | 3.373  | 3.584  |
| 19 | Trigger Pull 6  | 3.214  | 3.509  | 3.516  |
| 20 | Trigger Pull 7  | 3.186  | 3.485  | 3.504  |
| 21 | Trigger Pull 8  | 3.185  | 3.511  | 3.61   |
| 22 | Trigger Pull 9  | 3.207  | 3.453  | 3.493  |
| 23 | Trigger Pull 10 | 3.133  | 3.42   | 3.59   |
| 24 | Average:        | 3.226  | 3.501  | 3.526  |
| 25 | SD:             | 0.060  | 0.070  | 0.054  |

**Cell:** B1

**Comment:** metrology1:  
for dry cycle on receiver S7606985

**Cell:** C1

**Comment:** metrology1:  
for dry cycle on receiver S7608698

**Cell:** D1

**Comment:** metrology1:  
for dry cycle on receiver S7608698