**Flight Level Averaged Values**

|  |  |  |  |
| --- | --- | --- | --- |
| Flight Level |  |  |  |
|  | Slope | Intercept | Mean ABS Err |
| 900 mb K Correction | 0.000697593 | 0.01942547 | 0.025917852 |
| 600 mb K Correction | 0.000482786 | 0.025647519 | 0.01641719 |
| 400 mb K Correction | 0.000670507 | -0.003847054 | 0.01147553 |

Appendix

**Liquid K Airspeed Dependence Calculated at 900 mb**

|  |  |  |  |
| --- | --- | --- | --- |
| Flight Day | 900 mb |  |  |
|  | Slope | Intercept | Mean ABS Err |
| 07/10/13 | -0.000568831 | 0.080158772 | 0.013775431 |
| 07/25/13 | 0.002040202 | -0.135226151 | 0.00998197 |
| 07/27/13 | 0.000639976 | 0.005657524 | 0.021448555 |
| 07/28/13 | 0.003587005 | -0.218779911 | 0.028499303 |
| 07/29/13 | 0.003533524 | -0.195675583 | 0.032352048 |
| 08/03/13 | -0.005377537 | 0.504984348 | 0.034886943 |
| 08/07/13 | 0.000370444 | 0.060282346 | 0.029984583 |
| 08/14/13 | 0.003154068 | -0.147913048 | 0.029151169 |
| 08/15/13 | -0.000773365 | 0.180484062 | 0.033180666 |

**Liquid K Airspeed Dependence Calculated at 600 mb**

|  |  |  |  |
| --- | --- | --- | --- |
| Flight Day | 600 mb |  |  |
|  | Slope | Intercept | Mean ABS Err |
| 07/10/13 | -0.000764679 | 0.085611294 | 0.008955296 |
| 07/25/13 | 0.001830759 | -0.129456041 | 0.004250789 |
| 07/27/13 | 0.000401643 | 0.014038496 | 0.013181096 |
| 07/28/13 | 0.003369366 | -0.212552101 | 0.017277914 |
| 07/29/13 | 0.003289841 | -0.187478942 | 0.021189711 |
| 08/03/13 | -0.005598207 | 0.511327091 | 0.023597215 |
| 08/07/13 | 0.000127476 | 0.068526017 | 0.018917617 |
| 08/14/13 | 0.002988519 | -0.145379112 | 0.01828326 |
| 08/15/13 | -0.000944334 | 0.183312471 | 0.022101813 |

**Liquid K Airspeed Dependence Calculated at 300 mb**

|  |  |  |  |
| --- | --- | --- | --- |
| Flight Day | 400mb |  |  |
|  | Slope | Intercept | Mean ABS Err |
| 07/10/13 | -0.000597019 | 0.05615517 | 0.016520486 |
| 07/25/13 | 0.001983754 | -0.155850363 | 0.01648142 |
| 07/27/13 | 0.000684391 | -0.022636219 | 0.010339677 |
| 07/28/13 | 0.003573811 | -0.243357035 | 0.010925153 |
| 07/29/13 | 0.003566391 | -0.224252651 | 0.011159944 |
| 08/03/13 | -0.005404681 | 0.481275304 | 0.010701587 |
| 08/07/13 | 0.00037092 | 0.034407695 | 0.009921409 |
| 08/14/13 | 0.003036896 | -0.162915358 | 0.007043561 |
| 08/15/13 | -0.000880317 | 0.164295218 | 0.010186531 |