

Run: 8/07/2008  
10:37AM

**Southern Avionics & Communications, Inc.**  
**Aircraft Weight & Balance Report**

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Aircraft: N231CA                      Type: MOONEY M20K                      S/N: 25-0026  
Model: M20K  
Prior Empty Weight: 1,922.1      As Of: 11/14/2003      Prior Useful Load: 977.9  
Prior Longitudinal Moment: 84,187.9800      Arm: 43.8000

**Items Removed:**

| Date                    | Description                        | Weight | Longitudinal |          |
|-------------------------|------------------------------------|--------|--------------|----------|
|                         |                                    |        | Arm          | Moment   |
| 8/04/2008               | IND-350 Nav Ind. P/N 622-2082-003  | 1.00   | 0.0000       | 0.0000   |
| 8/04/2008               | VIR-351 Nav Rec. P/N 622-2080-011  | 3.95   | 14.3200      | 56.5640  |
| 8/04/2008               | VIR-351 Nav Rec. P/N 622-2080-011  | 3.65   | 14.0700      | 51.3555  |
| 8/04/2008               | VHF-251 Comm Rec. P/N 622-2078-001 | 3.65   | 14.0700      | 51.3555  |
| 8/04/2008               | VHF-251 Comm Rec. P/N 622-2078-001 | 3.65   | 14.0700      | 51.3555  |
| 8/04/2008               | IND-650 ADF Ind. P/N 622-2536-001  | 0.75   | 12.0000      | 9.0000   |
| 8/04/2008               | RCR-650 ADF Rec P/N 622-2091-001   | 3.10   | 10.0000      | 31.0000  |
| Total of Items Removed: |                                    | 19.75  |              | 250.6305 |

**Items Installed:**

| Date                      | Description                              | Weight | Longitudinal |          |
|---------------------------|------------------------------------------|--------|--------------|----------|
|                           |                                          |        | Arm          | Moment   |
| 8/04/2008                 | GNS-430W Com/Nav/GPS WAAS P/N 011-01060- | 6.50   | 9.5000       | 61.7500  |
| 8/04/2008                 | GA-35 WAAS Antenna P/N 013-00235-00      | 0.47   | 0.0000       | 0.0000   |
| 8/04/2008                 | SL-30 NAV/COM P/N 430-6040-303           | 2.60   | 10.0000      | 26.0000  |
| 8/04/2008                 | GI-106A NAV Ind. P/N 013-00049-01        | 1.25   | 12.0000      | 15.0000  |
| Total of Items Installed: |                                          | 10.82  |              | 102.7500 |

**New Final Figures:**

|                      |             |              |         |
|----------------------|-------------|--------------|---------|
| Weight:              | 1,913.17    | Useful Load: | 986.83  |
| Longitudinal Moment: | 84,040.0995 | Arm:         | 43.9271 |