

Aircraft: SAMP701  
 Flight Date: 17 June 2007  
 Departure from PNC: 16:00 UTC  
 Initial Altitude: 9000 ft

Remarks: G-1 Stack Pattern 2, Modified  
 Contact: 509-521-7129  
 ETE 4hr 6minutes

Total Distance (nm):

736.29

Total ETE (min):

245.4

| WP  | UTC Time | LAT         | LON          | ALT (ft) | SPD (kts) | HDG    | Dist (nm) | ETE (min) |
|-----|----------|-------------|--------------|----------|-----------|--------|-----------|-----------|
| PNC | 16:00:00 | 36deg 44min | -97deg 07min | 1007     | 180.0     | 176.5  | 93.93     | 31.3      |
| A   | 16:31:19 | 35deg 10min | -97deg 12min | 9000     | 180.0     | 263.5  | 30.00     | 10.0      |
| B   | 16:41:19 | 35deg 10min | -97deg 48min | 9000     | 180.0     | spiral | 12.00     | 4.0       |
| B   | 16:45:19 | 35deg 10min | -97deg 48min | 5000     | 180.0     | 83.5   | 30.00     | 10.0      |
| A   | 16:55:19 | 35deg 10min | -97deg 12min | 5000     | 180.0     | spiral | 12.00     | 4.0       |
| A   | 16:59:19 | 35deg 10min | -97deg 12min | 5000     | 180.0     | 263.5  | 30.00     | 10.0      |
| B   | 17:09:18 | 35deg 10min | -97deg 48min | 5000     | 180.0     | spiral | 12.00     | 4.0       |
| B   | 17:13:18 | 35deg 10min | -97deg 48min | 2500     | 180.0     | 83.5   | 30.00     | 10.0      |
| A   | 17:23:18 | 35deg 10min | -97deg 12min | 2500     | 180.0     | 3.3    | 31.51     | 10.5      |
| C   | 17:33:49 | 35deg 41min | -97deg 05min | 2500     | 180.0     | 264.0  | 40.00     | 13.3      |
| D   | 17:47:09 | 35deg 41min | -97deg 55min | 2500     | 180.0     | spiral | 12.00     | 4.0       |
| D   | 17:51:09 | 35deg 41min | -97deg 55min | 5000     | 180.0     | 84.0   | 40.00     | 13.3      |
| C   | 18:04:29 | 35deg 41min | -97deg 05min | 5000     | 180.0     | spiral | 12.00     | 4.0       |
| C   | 18:08:29 | 35deg 41min | -97deg 05min | 5000     | 180.0     | 264.0  | 40.00     | 13.3      |
| D   | 18:21:49 | 35deg 41min | -97deg 55min | 5000     | 180.0     | spiral | 12.00     | 4.0       |
| D   | 18:25:49 | 35deg 41min | -97deg 55min | 9000     | 180.0     | 84.0   | 40.00     | 13.3      |
| C   | 18:39:09 | 35deg 41min | -97deg 05min | 9000     | 180.0     | 353.9  | 20.10     | 6.7       |
| E   | 18:45:51 | 36deg 01min | -97deg 05min | 9000     | 180.0     | 263.8  | 40.00     | 13.3      |
| F   | 18:59:11 | 36deg 01min | -97deg 55min | 9000     | 180.0     | spiral | 12.00     | 4.0       |
| F   | 19:03:11 | 36deg 01min | -97deg 55min | 5000     | 180.0     | 83.8   | 40.00     | 13.3      |
| E   | 19:16:31 | 36deg 01min | -97deg 05min | 5000     | 180.0     | spiral | 12.00     | 4.0       |
| E   | 19:20:31 | 36deg 01min | -97deg 05min | 5000     | 180.0     | 263.8  | 40.00     | 13.3      |
| F   | 19:33:51 | 36deg 01min | -97deg 55min | 5000     | 180.0     | spiral | 12.00     | 4.0       |
| F   | 19:37:51 | 36deg 01min | -97deg 55min | 2500     | 180.0     | 83.8   | 40.00     | 13.3      |
| E   | 19:51:11 | 36deg 01min | -97deg 05min | 2500     | 180.0     | 353.4  | 42.76     | 14.3      |
| PNC | 20:05:26 | 36deg 44min | -97deg 06min | 1007     |           |        |           |           |

Notes:

If ATC allows low altitude legs then

if clear: plan unchanged

if cloudy repeat low altitude legs a 2<sup>nd</sup> time  
 (AMS on CVI + Isokinetic sampling)

If ATC does \*not\* allow low altitude legs then

repeat high altitude legs a 2<sup>nd</sup> time (AMS  
 on CVI, Isokinetic inlet)

