



University of Wyoming King Air

GOA 2004 Field Site

24 September - 23 October 2004

Juneau, Alaska

[Contacts](#)

[Wyoming King Air Data](#)

[Juneau Weather](#)

[Juneau Airport Wind System \(JAWS\)](#)

[SE Alaska Weather](#)

[GOA site](#)

[Plot of Flight Hours](#)

Date	Flight Number	Status	Times (UTC)	Hours
21 Oct 2004 (Thu)	16	Lots of spikes in AIAS - BIAS used for processing lwc100 baseline at +0.25 g/m ³ PVM baseline at +0.8 g/m ³	2208-0143	3.7
21 Oct 2004 (Thu)	15	Data system hung in flight, raw data split between two files. Lots of glitches in AIAS - BIAS used for processing lwc100 baseline at -0.25 g/m ³ PVM baseline at +0.8 g/m ³	1559-1941	3.8
19 Oct 2004 (Tue)	14	lwc100 baseline at -0.3 g/m ³	1848-2038	1.9
18 Oct 2004 (Mon)	13	aias looks good lwc100 baseline at -0.3 g/m ³	1720-2038	3.4
13 Oct 2004 (Wed)	12	pvm intermittent drifting aias looks good lwc100 baseline at -0.3 g/m ³	1843-2117	2.7

12 Oct 2004 (Tue)	11	pvm bad entire flight aias glitches start at 001125 - bias used for processing lwc100 baseline looks noisy	2307-0247	3.8
12 Oct 2004 (Tue)	10	data system hung three times in flight: 164509-164634, 165618-165744, and 191827-191955. Split flight into three files. pvm bad most of flight lwc100 baseline at -0.3 g/m3 aias looks good	1640-2014	3.7
7 Oct 2004 (Thu)	9	data system failed early in the flight, started processing at 23:58:36 pvm intermittent drifting aias looks good	2352-0256	3.1
5 Oct 2004 (Tue)	8	many glitches in aias - water in the nose boom - bias used for processing pvm intermittent drifting data system failed at 230729 and recovered at 230853	2257-0154	2.9
5 Oct 2004 (Tue)	7	many glitches in aias - water in the nose boom - bias used for processing pvm intermittent drifting data system failed at 195646 and recovered at 195814 data system failed at 200732 and recovered at 200852 data processing was divided into 3 files - before and after data system failures	1738-2103	3.3
4 Oct 2004 (Mon)	6	occasional glitch in aias due to water in the nose boom	2219-0223	4.0
2 Oct 2004 (Sat)	5	data system failed at 232454 and recovered at 232624 data processing was divided into 2 files - before and after data system failure pvm intermittent drifting lwc100 occasionally indicating liquid water in clear air	2216-0224	4.0
30 Sep 2004 (Thu)	4	data system crashed before takeoff and again just after takeoff first few minutes of flight not recorded pvm intermittent drifting tdp oscillating for entire flight	1850-2059	2.4
26 Sep 2004 (Sun)	3	boom 2 temperature not working licor not usable - most of flight was in precip pvm had water in it for entire flight GALT down 2237-2259 and 2327-2357 2DC got water on mirrors and was disabled for most of the flight many glitches in aias - water in the nose boom - bias used for processing data system failed at 000421 and recovered at 000533 processed data stops at 0004 which is just before landing	2026-0013	3.4
		boom 2 temperature not working		

26 Sep 2004 (Sun)	2	licor not usable - most of flight was in precip pvm got water in it early in the flight aias glitched a couple of times due to water in the nose boom	1436-1818	3.4
24 Sep 2004 (Fri)	1	boom temperatures not working licor had water inside 2040-2114	1845-2130	2.5
15 Sep 2004 (Wed)	test	lwc100 showing 0.2-0.3 g/m3 in clear air	1626-1740	0.9
All flights		ralt2 drops out for 10 seconds every three minutes		
Total Research Hours as of 21 Oct (52 max)				52.0

Gulf of Alaska Flight Hours

