



University of Wyoming COBRA Field Site

May - August 2004

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[COBRA Project Site](#)

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Date	Flight Number	Status	Times (UTC)	Hours
8/16/2004 (Mon)	59	Ferry to Laramie, WY	1752-1952	4.8
8/16/2004 (Mon)	58	Ferry to Huron, SD	1326-1559	2.7
8/15/2004 (Sun)	58	No known problems	1953-2217	2.5
8/15/2004 (Sun)	57	No known problems	1339-1645	3.2
8/14/2004 (Sat)	56	Ferry to Rhinelander, WI	1719-2135	4.4
8/14/2004 (Sat)	55	Ferry to Utica, NY	1258-1450	2.0
8/13/2004 (Fri)		No flight		
8/12/2004 (Thu)		No flight		
8/11/2004 (Wed)	54	Data system hard drive died in flight.	1201-1312	2.6
8/10/2004 (Tue)		No flight		
8/09/2004 (Mon)	53	No known problems	1738-2055	3.4
8/09/2004 (Mon)	52	No known problems	1207-1544	3.7

8/08/2004 (Sun)	51	No known problems	1825-2054	2.6
8/08/2004 (Sun)	50	No known problems	1421-1647	2.5
8/08/2004 (Sun)	49	Ferry to Montreal	1213-1319	1.2
8/07/2004 (Sat)		No flight		
8/06/2004 (Fri)		No flight		
8/05/2004 (Thu)	48	No known problems	1159-1555	4.0
8/04/2004 (Wed)	47	No known problems	1835-2152	3.4
8/04/2004 (Wed)	46	No known problems	1200-1617	4.4
8/03/2004 (Tue)		No flight		
8/02/2004 (Mon)		No flight		
8/01/2004 (Sun)		No flight		
7/31/2004 (Sat)		No flight		
7/30/2004 (Fri)	45	No known problems	1858-2124	2.5
7/30/2004 (Fri)	44	No known problems	1238-1549	3.3
7/29/2004 (Thu)		No flight		
7/28/2004 (Wed)		No flight		
7/27/2004 (Tue)		No flight		
7/26/2004 (Mon)	43	GALT down 1245-1258, 1408-1411, 1615-1634	1214-1650	4.5
7/25/2004 (Sun)	42	GALT down 1952-1957	1814-2202	3.5
7/25/2004 (Sun)	41	No known problems	1148-1543	3.5

7/24/2004 (Sat)		No flight		
7/23/2004 (Fri)		No flight		
7/22/2004 (Thu)	40	Periods of ~2 minute oscillations in hroll, hthead, htrk, hrollr, hyawr, hewvel and hnsvel caused by the auto pilot	1913-2305	3.7
7/22/2004 (Thu)	39	GALT down 1625-1649 Periods of ~2 minute oscillations in hroll, hthead, htrk, hrollr, hyawr, hewvel and hnsvel caused by the auto pilot	1318-1751	4.3
7/21/2004 (Wed)	38	Periods of ~2 minute oscillations in hroll, hthead, htrk, hrollr, hyawr, hewvel and hnsvel caused by the auto pilot	1818-2200	3.6
7/21/2004 (Wed)	37	GALT down 1305-1319 Periods of ~2 minute oscillations in hroll, hthead, htrk, hrollr, hyawr, hewvel and hnsvel caused by the auto pilot	1140-1558	4.0
7/20/2004 (Tue)		No flight		
7/19/2004 (Mon)		No flight		
7/18/2004 (Sun)	36	No known problems	1220-1547	3.2
7/17/2004 (Sat)	35	No known problems	1830-2222	3.8
7/17/2004 (Sat)	34	No known problems	1159-1549	3.5
7/16/2004 (Fri)		No flight		
7/15/2004 (Thu)	33	Niagra, NY to Bangor, ME	1839-2151	2.9
7/15/2004 (Thu)	32	Rhineland, WI to Niagra, NY	1348-1725	3.4
7/14/2004 (Wed)	31	Watertown, SD to Rhineland, WI	2056-2318	2.2
7/14/2004 (Wed)	30	Laramie to Watertown, SD	1750-2019	2.4
6/14/2004 (Mon)	29	Huron, SD to Laramie, SD	1838-2116	2.7
6/14/2004 (Mon)	28	Rhineland, WI to Huron, SD	1408-1636	2.6
6/13/2004 (Sun)	27	Niagra, NY to Rhineland, WI	1818-2141	3.5

6/13/2004 (Sun)	26	Bangor, ME to Niagara, NY No GALT 1534-1557	1358- 1652	3.0
6/12/2004 (Sat)		No flight		
6/11/2004 (Fri)	25	No known problems	1922- 2241	3.1
6/11/2004 (Fri)	24	GALT down 1544-1601	1349- 1725	3.4
6/10/2004 (Thu)	23	No known problems	1955- 2318	3.2
6/10/2004 (Thu)	22	Periods of ~2 minute oscillations in hroll, hthead, htrk, hrollr, hyawr, hewvel and hnsvel caused by the auto pilot	1457- 1813	3.1
6/10/2004 (Thu)	21	Periods of ~2 minute oscillations in hroll, hthead, htrk, hrollr, hyawr, hewvel and hnsvel caused by the auto pilot	1228- 1406	1.5
6/09/2004 (Wed)		No flight		
6/08/2004 (Tue)	20	No known problems	1847- 2225	3.5
6/08/2004 (Tue)	19	Teco ozone down	1149- 1610	4.2
6/07/2004 (Mon)		No flight		
6/06/2004 (Sun)		No flight		
6/05/2004 (Sat)		No flight		
6/04/2004 (Fri)		No flight		
6/03/2004 (Thu)		No flight		
6/02/2004 (Wed)		No flight		
6/01/2004 (Tue)		No flight		
5/31/2004 (Mon)	18	No known problems	1926- 2246	3.4
5/31/2004 (Mon)	17	No known problems	1231- 1613	3.8
5/30/2004 (Sun)	16	No known problems	1308- 1654	3.9

5/29/2004 (Sat)	15	TECO ozone down until 1938.	1932-2241	3.2
5/29/2004 (Sat)	14	TECO ozone down until 1233 and 1308-1417.	1229-1628	4.1
5/28/2004 (Fri)		No flight		
5/27/2004 (Thu)		No flight		
5/26/2004 (Wed)		No flight		
5/25/2004 (Tue)	13	Significant periods of AIAS glitches the second half of the flight, probably cause by water.	1927-2314	3.9
5/25/2004 (Tue)	12	No known problems.	1224-1616	4.0
5/24/2004 (Mon)		No flight		
5/23/2004 (Sun)		No flight		
5/22/2004 (Sat)		No flight		
5/21/2004 (Fri)		No flight		
5/20/2004 (Thu)	11	No known problems.	1300-1633	3.6
5/19/2004 (Wed)	10	No known problems.	1854-2203	3.3
5/19/2004 (Wed)	9	No known problems.	1230-1606	3.7
5/18/2004 (Tue)		No flight		
5/17/2004 (Mon)	8	No known problems.	1918-2145	2.6
5/17/2004 (Mon)	7	No known problems.	1249-1656	4.2
5/16/2004 (Sun)		No flight		
5/15/2004 (Sat)	6	Niagara, NY to Bangor, ME Turbulence instrument down.	2108-2332	2.5
5/15/2004 (Sat)	5	Rhineland, WI to Niagara, NY	1537-1845	3.2

5/14/2004 (Fri)	4	Huron, SD to Rhinelander, WI	2220-0028	2.2
5/14/2004 (Fri)	3	Laramie to Huron, SD	1941-2120	1.8
5/12/2004 (Wed)	2	Flight to Douglas and Gillette	1921-2300	3.7
5/07/2004 (Sun)	1	Poor calibration of Licor pressure	1631-2024	4.0
Total Research Hours as of 8/16			193.5 of 212.0	

COBRA Flight Hours

