

TRACE-P Vertical profile information

The following list of vertical profiles has been determined automatically, using objective criteria:

- threshold altitude change to qualify as intended vertical movement:
100 m within time window of 200 seconds (20 m from start of interval)
- minimum overall altitude change to qualify as vertical profile: 1.0 km
- maximum time allowed at one altitude before continuing ascent or descent:
10 minutes

All profile information extracted from project ALTP data converted to km altitude.

P-3B profiles:

Profile information for P3B flight 04:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
04. 1	53219.0	54019.0	13.33	0.0	4.1	6.1	283.59	37.43	asc
04. 2	68645.0	69094.0	7.48	0.0	6.1	7.6	260.07	34.11	asc
04. 3	69726.0	70099.0	6.22	0.0	7.6	6.1	258.41	34.28	des
04. 4	70657.0	71104.0	7.45	0.0	6.1	7.6	256.86	34.74	asc
04. 5	71670.0	72109.0	7.32	0.0	7.6	6.1	255.34	35.17	des
04. 6	78638.0	80112.0	24.57	0.0	5.8	0.8	242.79	34.72	des

Profile information for P3B flight 05:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
05. 1	63273.0	64432.0	19.32	0.0	0.8	6.1	241.07	34.57	asc
05. 2	68543.0	69091.0	9.13	0.0	5.2	3.0	232.10	32.26	des
05. 3	70184.0	70498.0	5.23	0.0	3.0	1.5	229.52	31.58	des
05. 4	71749.0	72307.0	9.30	0.0	1.5	0.0	226.86	30.80	des
05. 5	73371.0	74719.0	22.47	0.0	0.1	6.1	223.97	29.88	asc
05. 6	75898.0	76327.0	7.15	0.0	6.1	4.1	220.86	28.81	des
05. 7	79106.0	79543.0	7.28	0.0	3.0	1.5	215.98	26.92	des
05. 8	80636.0	81151.0	8.58	0.0	1.5	0.1	213.85	26.02	des
05. 9	82280.0	83965.0	28.08	0.0	0.1	7.6	211.15	24.80	asc
05.10	85067.0	85573.0	8.43	0.0	7.6	5.2	208.30	23.45	des
05.11	86783.0	87382.0	9.98	0.0	5.1	3.1	206.04	22.19	des
05.12	88796.0	89513.0	11.95	0.0	3.0	0.0	204.12	20.03	des

Profile information for P3B flight 06:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
06. 1	71649.0	73056.0	23.45	0.0	0.5	5.5	203.11	20.05	asc
06. 2	77077.0	77476.0	6.65	0.0	4.5	3.1	195.23	21.18	des
06. 3	78628.0	79084.0	7.60	0.0	3.0	1.5	192.57	21.23	des
06. 4	80173.0	80692.0	8.65	0.0	1.5	0.1	190.08	21.23	des
06. 5	81841.0	83305.0	24.40	0.0	0.1	6.1	186.98	21.18	asc
06. 6	84417.0	84718.0	5.02	0.0	6.1	4.6	183.96	21.08	des
06. 7	86261.0	86722.0	7.68	0.0	4.6	3.1	180.86	20.91	des
06. 8	87814.0	88129.0	5.25	0.0	3.0	1.5	178.49	20.74	des
06. 9	89494.0	90139.0	10.75	0.0	2.1	0.1	175.67	20.47	des
06.10	91271.0	93154.0	31.38	0.0	0.1	3.1	172.16	20.07	asc
06.11	94532.0	96090.0	25.97	8.8	3.6	-0.0	167.58	19.44	des

Profile information for P3B flight 07:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
07. 1	78987.0	80190.0	20.05	0.0	-0.0	5.5	165.94	19.21	asc
07. 2	81500.0	81798.0	4.97	0.0	5.6	4.6	163.01	19.01	des
07. 3	84547.0	84944.0	6.62	0.0	3.0	1.5	158.02	19.00	des
07. 4	86016.0	86552.0	8.93	0.0	1.5	0.1	155.84	19.00	des
07. 5	87041.0	88160.0	18.65	0.0	0.1	5.5	154.96	18.94	asc
07. 6	94047.0	94391.0	5.73	0.0	5.5	6.7	154.81	10.05	asc
07. 7	95572.0	95999.0	7.12	0.0	6.7	4.6	152.45	11.02	des
07. 8	97219.0	97607.0	6.47	0.0	4.6	3.1	150.07	11.95	des
07. 9	98727.0	99416.0	11.48	0.0	3.0	0.2	148.09	12.69	des

07.10	100632.0	101024.0	6.53	0.0	0.2	1.8	146.13	13.16	asc
07.11	101541.0	101965.0	7.07	0.0	1.8	0.2	145.08	13.46	des

Profile information for P3B flight 08:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
08. 1	5471.0	7669.0	36.63	7.0	0.2	4.9	140.19	15.46	asc
08. 2	9730.0	10885.0	19.25	0.0	4.9	0.2	135.00	17.34	des
08. 3	12012.0	12493.0	8.02	0.0	0.2	1.5	132.44	17.87	asc
08. 4	13620.0	13912.0	4.87	0.0	1.5	3.0	130.41	18.12	asc
08. 5	15137.0	17116.0	32.98	9.5	3.1	6.1	127.20	18.74	asc
08. 6	18326.0	18724.0	6.63	0.0	6.0	4.6	123.82	19.37	des
08. 7	19833.0	20143.0	5.17	0.0	4.6	3.1	121.76	19.81	des
08. 8	21382.0	21739.0	5.95	0.0	3.0	1.5	119.77	19.19	des
08. 9	22948.0	23347.0	6.65	0.0	1.5	0.1	117.93	17.96	des
08.10	25053.0	26362.0	21.82	0.0	0.2	6.1	116.30	17.80	asc
08.11	28576.0	30294.0	28.63	0.2	6.0	-0.0	114.55	21.71	des

Profile information for P3B flight 09:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
09. 1	8229.0	9433.0	20.07	0.0	-0.0	5.5	114.43	22.00	asc
09. 2	12703.0	13051.0	5.80	0.0	4.6	3.1	119.97	20.66	des
09. 3	17591.0	17923.0	5.53	0.0	2.8	4.3	124.00	24.95	asc
09. 4	19135.0	19483.0	5.80	0.0	4.3	6.1	124.00	27.17	asc
09. 5	21502.0	23311.0	30.15	8.7	6.1	0.0	124.01	27.33	des
09. 6	24722.0	25312.0	9.83	4.4	0.1	1.8	124.00	25.61	asc
09. 7	26149.0	26719.0	9.50	0.0	1.8	3.7	124.06	23.81	asc
09. 8	28134.0	28729.0	9.92	0.0	3.7	6.1	122.90	21.50	asc
09. 9	29477.0	30136.0	10.98	0.0	6.1	2.7	121.29	20.81	des
09.10	31046.0	31744.0	11.63	0.0	2.7	0.2	119.26	20.49	des
09.11	32614.0	33352.0	12.30	0.0	0.2	3.7	117.24	20.14	asc
09.12	35366.0	36470.0	18.40	0.3	3.6	0.0	114.26	22.01	des

Profile information for P3B flight 10:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
10. 1	4041.0	5243.0	20.03	0.0	-0.1	5.5	114.52	21.90	asc
10. 2	7198.0	8603.0	23.42	0.0	5.5	0.1	118.79	20.02	des
10. 3	9636.0	10067.0	7.18	0.0	0.1	1.5	120.97	20.00	asc
10. 4	10926.0	11274.0	5.80	0.0	1.5	3.0	122.46	20.00	asc
10. 5	12463.0	12881.0	6.97	0.0	3.0	4.5	124.87	20.01	asc
10. 6	14017.0	14489.0	7.87	0.0	4.5	6.1	127.55	20.00	asc
10. 7	14768.0	16097.0	22.15	0.0	6.1	0.1	129.34	20.00	des
10. 8	17307.0	17906.0	9.98	0.0	0.2	2.1	130.64	20.03	asc
10. 9	23914.0	25142.0	20.47	0.0	5.2	0.1	121.27	20.00	des
10.10	26383.0	27238.0	14.25	0.0	0.1	3.0	118.31	20.03	asc
10.11	30171.0	31206.0	17.25	0.0	2.6	-0.0	114.15	22.01	des

Profile information for P3B flight 11:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
11. 1	3769.0	4215.0	7.43	0.0	2.7	4.6	114.54	22.01	asc
11. 2	6348.0	6782.0	7.23	0.0	4.5	3.1	115.72	18.60	des
11. 3	7865.0	8614.0	12.48	0.0	3.0	0.1	115.15	16.54	des
11. 4	10006.0	11003.0	16.62	7.8	0.1	1.6	114.95	14.19	asc
11. 5	13074.0	13415.0	5.68	0.0	2.6	3.8	115.58	10.86	asc
11. 6	14260.0	14822.0	9.37	0.0	3.7	1.3	116.23	9.35	des
11. 7	15983.0	17234.0	20.85	0.0	1.4	6.1	113.99	7.98	asc
11. 8	19247.0	20651.0	23.40	0.0	6.0	0.2	114.21	8.08	des
11. 9	21602.0	22259.0	10.95	0.0	0.2	2.6	116.18	9.25	asc
11.10	23444.0	23867.0	7.05	0.0	2.6	4.7	115.35	11.35	asc
11.11	25682.0	26882.0	20.00	0.0	4.7	0.1	115.00	15.11	des
11.12	27949.0	28691.0	12.37	0.0	0.2	3.0	115.46	17.68	asc
11.13	31828.0	32444.0	10.27	0.0	2.7	-0.0	113.98	22.11	des

Profile information for P3B flight 12:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
12. 1	3230.0	4630.0	23.33	0.0	-0.0	5.5	114.59	21.80	asc
12. 2	6612.0	8060.0	24.13	8.4	5.5	0.1	118.97	20.44	des
12. 3	9181.0	10459.0	21.30	0.0	0.1	5.5	121.86	20.91	asc
12. 4	11519.0	12067.0	9.13	0.0	5.5	3.1	124.35	22.14	des
12. 5	13336.0	13675.0	5.65	0.0	3.0	1.4	124.50	24.42	des
12. 6	15013.0	15484.0	7.85	0.0	1.4	0.1	124.73	26.27	des
12. 7	16638.0	17293.0	10.92	0.0	0.1	2.2	124.50	27.26	asc
12. 8	18307.0	18901.0	9.90	0.0	2.2	4.9	124.65	25.49	asc

12.9	20053.0	21112.0	17.65	0.0	4.9	0.1	124.50	22.89	des
12.10	22327.0	24160.0	30.55	6.8	0.2	3.2	122.49	20.62	asc
12.11	25465.0	26166.0	11.68	0.0	3.2	6.1	119.55	18.81	asc
12.12	27309.0	27745.0	7.27	0.0	6.1	7.3	117.37	17.71	asc
12.13	30946.0	32725.0	29.65	0.0	6.7	-0.0	114.41	21.51	des

Profile information for P3B flight 13:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
13.1	3524.0	4929.0	23.42	0.0	-0.0	5.8	114.61	21.84	asc
13.2	7102.0	8860.0	29.30	0.0	5.8	0.5	119.44	20.51	des
13.3	11265.0	11572.0	5.12	0.0	1.4	2.9	124.12	21.81	asc
13.4	12796.0	13170.0	6.23	0.0	2.9	4.4	124.50	23.78	asc
13.5	13781.0	14577.0	13.27	0.0	4.4	0.2	124.67	25.40	des
13.6	15734.0	16185.0	7.52	0.0	0.2	1.4	124.50	27.28	asc
13.7	17335.0	17793.0	7.63	0.0	1.4	3.2	124.50	29.38	asc
13.8	18913.0	19401.0	8.13	0.0	3.2	1.4	124.48	31.66	des
13.9	20492.0	20808.0	5.27	0.0	1.3	0.2	124.46	33.50	des
13.10	21799.0	22617.0	13.63	0.0	0.2	3.8	124.44	35.33	asc
13.11	23715.0	24024.0	5.15	0.0	3.8	2.3	124.39	36.90	des
13.12	26517.0	27039.0	8.70	0.0	2.6	0.2	124.46	33.01	des
13.13	28223.0	28848.0	10.42	0.0	0.2	3.2	124.49	30.78	asc
13.14	29468.0	30456.0	16.47	4.0	3.2	5.5	125.13	28.91	asc
13.15	31464.0	32851.0	23.12	0.0	5.4	0.1	127.14	26.64	des

Profile information for P3B flight 14:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
14.1	7090.0	8288.0	19.97	0.0	-0.0	5.5	127.23	26.58	asc
14.2	9644.0	9888.0	4.07	0.0	5.5	4.3	125.43	28.15	des
14.3	11112.0	11488.0	6.27	0.0	4.3	3.2	124.55	30.06	des
14.4	12542.0	12888.0	5.77	0.0	3.2	1.7	124.48	31.97	des
14.5	14049.0	14488.0	7.32	0.0	1.7	0.1	124.45	33.95	des
14.6	15707.0	16504.0	13.28	0.0	0.1	3.8	124.43	36.19	asc
14.7	17728.0	18088.0	6.00	0.0	3.8	2.3	124.44	35.44	des
14.8	19234.0	19488.0	4.23	0.0	2.3	1.1	124.46	33.35	des
14.9	22236.0	22720.0	8.07	0.0	0.1	1.9	125.35	29.89	asc
14.10	23943.0	24288.0	5.75	0.0	2.0	3.2	127.93	29.61	asc
14.11	25450.0	25721.0	4.52	0.0	3.2	4.4	130.46	29.73	asc
14.12	26919.0	27888.0	16.15	0.0	4.4	0.2	133.39	30.56	des
14.13	29020.0	29288.0	4.47	0.0	0.2	1.4	135.56	31.65	asc
14.14	30435.0	31088.0	10.88	0.0	1.4	5.8	137.61	32.70	asc
14.15	31710.0	33418.0	28.47	9.3	5.8	0.2	139.01	34.77	des

Profile information for P3B flight 15:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
15.1	1267.0	2266.0	16.65	0.0	0.2	5.5	139.90	35.75	asc
15.2	6305.0	7492.0	19.78	0.0	5.5	0.2	148.38	33.15	des
15.3	8713.0	9502.0	13.15	0.0	0.2	2.9	151.83	33.02	asc
15.4	10709.0	11110.0	6.68	0.0	3.0	4.4	154.75	33.08	asc
15.5	12252.0	12718.0	7.77	0.0	4.4	2.3	155.00	35.15	des
15.6	13929.0	14527.0	9.97	0.0	2.3	0.2	155.00	37.58	des
15.7	15706.0	16738.0	17.20	0.0	0.2	4.7	154.95	40.26	asc
15.8	19296.0	19552.0	4.27	0.0	3.8	2.6	151.33	38.86	des
15.9	22739.0	23170.0	7.18	0.0	1.7	0.2	147.13	36.13	des
15.10	24044.0	24778.0	12.23	0.0	0.2	3.8	145.07	36.00	asc
15.11	27351.0	28597.0	20.77	1.9	3.4	0.2	139.82	35.39	des

Profile information for P3B flight 16:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
16.1	83225.0	84060.0	13.92	0.0	0.1	5.2	139.08	35.42	asc
16.2	88470.0	89651.0	19.68	0.0	5.2	0.1	138.74	32.67	des
16.3	90746.0	91862.0	18.60	0.0	0.1	1.3	135.49	31.76	asc
16.4	92929.0	94073.0	19.07	0.0	1.4	0.1	133.73	31.23	asc
16.5	95145.0	95524.0	6.32	0.0	0.2	1.4	135.92	31.89	asc
16.6	96732.0	98696.0	32.73	8.8	1.3	4.6	138.88	33.12	des
16.7	102144.0	103126.0	16.37	0.0	4.6	0.2	138.24	39.21	des
16.8	104348.0	105128.0	13.00	0.0	0.2	3.2	136.24	38.94	asc
16.9	106244.0	106939.0	11.58	0.0	3.2	0.2	134.39	37.76	des
16.10	109491.0	110555.0	17.73	0.0	0.5	5.2	138.21	39.35	asc
16.11	112290.0	113019.0	12.15	0.0	5.2	0.1	139.31	36.08	des

Profile information for P3B flight 17:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
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17. 1	1676.0	2476.0	13.33	0.0	0.1	4.6	139.66	35.80	asc
17. 2	5218.0	6295.0	17.95	0.0	4.6	0.2	144.24	33.09	des
17. 3	14840.0	15340.0	8.33	0.0	0.5	3.2	144.36	33.02	asc
17. 4	15552.0	16345.0	13.22	0.0	3.2	0.2	144.55	32.82	des
17. 5	24996.0	26596.0	26.67	5.9	0.6	4.3	144.36	32.63	des
17. 6	28847.0	29277.0	7.17	0.0	4.2	2.4	140.97	34.48	des
17. 7	30218.0	31294.0	17.93	6.4	2.4	0.2	139.48	35.48	des

Profile information for P3B flight 18:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
18. 1	83618.0	84616.0	16.63	0.0	0.2	5.5	139.40	36.29	asc
18. 2	88779.0	89764.0	16.42	0.0	5.5	0.2	132.94	36.88	des
18. 3	92055.0	92656.0	10.02	0.0	0.2	2.6	130.42	34.87	asc
18. 4	93749.0	94264.0	8.58	0.0	2.5	0.9	129.11	33.53	des
18. 5	101954.0	102907.0	15.88	0.0	0.4	4.6	130.72	30.15	asc
18. 6	103329.0	103711.0	6.37	0.0	4.5	2.7	131.73	31.39	des
18. 7	104988.0	105721.0	12.22	0.0	2.8	5.8	134.13	32.84	asc
18. 8	106745.0	107128.0	6.38	0.0	5.8	4.0	136.62	34.34	des
18. 9	108741.0	109528.0	13.12	0.0	3.9	0.1	139.35	35.40	des

Profile information for P3B flight 19:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
19. 1	1394.0	2201.0	13.45	0.0	0.1	5.5	139.28	36.17	asc
19. 2	6680.0	7905.0	20.42	0.0	5.0	0.2	134.25	38.56	des
19. 3	17719.0	18071.0	5.87	0.0	1.7	3.3	134.82	37.68	asc
19. 4	19217.0	20081.0	14.40	0.0	3.2	0.2	133.00	37.11	des
19. 5	21228.0	21689.0	7.68	0.0	0.2	1.7	131.86	35.86	asc
19. 6	25000.0	25376.0	6.27	0.0	3.2	4.4	135.77	40.13	asc
19. 7	25713.0	26329.0	10.27	0.0	4.4	0.3	136.83	40.65	des
19. 8	27564.0	28523.0	15.98	0.0	0.2	5.2	138.35	38.94	asc
19. 9	29995.0	30674.0	11.32	0.0	5.2	0.2	139.31	36.07	des

Profile information for P3B flight 20:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
20. 1	84188.0	85191.0	16.72	0.0	0.1	5.5	139.75	35.79	asc
20. 2	87562.0	88407.0	14.08	0.0	5.3	0.2	145.82	35.32	des
20. 3	89618.0	89824.0	3.43	0.0	0.2	1.4	148.29	35.46	asc
20. 4	91045.0	91422.0	6.28	0.0	1.5	2.7	150.77	35.49	asc
20. 5	92572.0	93030.0	7.63	0.0	2.7	4.5	153.49	35.30	asc
20. 6	94239.0	94839.0	10.00	0.0	4.5	6.0	156.78	34.98	asc
20. 7	95893.0	97251.0	22.63	0.0	6.0	0.1	160.39	34.52	des
20. 8	98417.0	99060.0	10.72	0.0	0.1	1.9	163.35	34.05	asc
20. 9	100045.0	100280.0	3.92	0.0	1.9	3.1	165.43	33.67	asc
20.10	101833.0	102276.0	7.38	0.0	3.1	4.6	168.44	33.08	asc
20.11	103356.0	103683.0	5.45	0.0	4.7	5.9	170.95	32.52	asc
20.12	104814.0	106171.0	22.62	0.0	5.8	0.0	174.27	31.65	des
20.13	107305.0	107703.0	6.63	0.0	0.1	1.5	176.83	30.92	asc
20.14	108888.0	109311.0	7.05	0.0	1.5	3.0	178.91	30.27	asc
20.15	110421.0	112348.0	32.12	5.5	3.1	-0.1	181.64	28.84	asc

Profile information for P3B flight 21:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
21. 1	24807.0	25810.0	16.72	0.0	-0.1	5.3	182.24	28.04	asc
21. 2	27320.0	28423.0	18.38	0.0	5.2	0.2	178.85	26.74	des
21. 3	29535.0	30236.0	11.68	0.0	0.2	3.1	176.15	25.64	asc
21. 4	31464.0	31840.0	6.27	0.0	3.1	4.6	173.78	24.59	asc
21. 5	33052.0	33448.0	6.60	0.0	4.7	5.8	171.58	23.55	asc
21. 6	34580.0	35860.0	21.33	0.0	5.8	0.2	168.96	22.23	des
21. 7	37028.0	38487.0	24.32	9.3	0.3	3.1	165.84	20.54	asc
21. 8	39122.0	39478.0	5.93	0.0	3.2	4.7	165.94	20.63	asc
21. 9	40692.0	41090.0	6.63	0.0	4.7	6.2	168.00	21.74	asc
21.10	42313.0	43699.0	23.10	0.0	6.2	0.2	170.94	23.24	des
21.11	44828.0	45709.0	14.68	0.0	0.3	3.7	173.65	24.53	asc
21.12	46781.0	47116.0	5.58	0.0	3.8	5.3	175.96	25.55	asc
21.13	48326.0	48724.0	6.63	0.0	5.3	6.6	178.38	26.57	asc
21.14	49968.0	51674.0	28.43	4.4	6.5	-0.1	181.69	27.86	des

Profile information for P3B flight 22:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
22. 1	58725.0	59726.0	16.68	0.0	-0.1	5.3	182.60	27.68	asc
22. 2	60853.0	61937.0	18.07	0.0	5.3	4.1	182.51	24.67	des
22. 3	67811.0	68771.0	16.00	0.0	4.0	0.1	188.18	20.01	des

22. 4	69920.0	70781.0	14.35	0.0	0.1	3.2	190.74	20.01	asc
22. 5	71879.0	72194.0	5.25	0.0	3.2	4.7	193.11	20.10	asc
22. 6	73465.0	73796.0	5.52	0.0	4.7	6.0	195.41	19.69	asc
22. 7	74945.0	75962.0	16.95	0.0	5.9	0.1	197.52	18.02	des
22. 8	76760.0	77615.0	14.25	0.0	0.2	3.2	199.06	16.77	asc
22. 9	78724.0	79220.0	8.27	0.0	3.1	2.0	201.20	16.39	des
22.10	79224.0	80027.0	13.38	0.0	1.9	4.7	202.04	16.67	asc
22.11	82509.0	83160.0	10.85	0.0	4.5	-0.0	204.02	19.44	des

Profile information for P3B flight 23:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
23. 1	61073.0	62070.0	16.62	0.0	-0.0	5.3	204.33	20.13	asc
23. 2	66439.0	68502.0	34.38	0.0	5.3	0.2	211.43	23.91	des
23. 3	70991.0	72321.0	22.17	0.0	0.2	5.3	213.27	24.74	asc
23. 4	89239.0	90210.0	16.18	0.9	6.4	0.7	241.73	34.65	des

Profile information for P3B flight 24:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
24. 1	56018.0	56813.0	13.25	0.0	0.7	5.8	242.44	34.76	asc
24. 2	71012.0	71486.0	7.90	0.0	6.4	7.6	269.21	33.04	asc
24. 3	77746.0	79535.0	29.82	8.1	7.6	-0.0	282.96	37.37	des

DC-8 profiles:

Profile information for DC8 flight 04:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
04. 1	63417.0	64820.0	23.38	0.0	0.7	9.5	240.99	35.62	asc
04. 2	66503.0	67031.0	8.80	0.0	9.4	6.1	235.14	37.77	des
04. 3	68175.0	68438.0	4.38	0.0	6.1	4.6	231.55	38.59	des
04. 4	69617.0	69845.0	3.80	0.0	4.5	3.0	228.70	39.42	des
04. 5	71223.0	74140.0	48.62	0.0	3.0	0.1	227.82	40.03	des
04. 6	75859.0	77483.0	27.07	0.0	0.0	10.7	223.21	39.93	asc
04. 7	78700.0	79312.0	10.20	0.0	10.7	6.1	218.16	38.49	des
04. 8	80530.0	81101.0	9.52	0.0	6.1	3.0	214.87	36.47	des
04. 9	82218.0	82720.0	8.37	0.0	3.0	1.2	212.53	34.70	des
04.10	83953.0	85724.0	29.52	0.0	1.3	11.9	209.49	32.15	asc
04.11	89364.0	91057.0	28.22	0.0	11.9	0.1	203.72	22.87	des
04.12	91258.0	91553.0	4.92	0.0	0.2	2.4	204.06	21.05	asc
04.13	92446.0	93033.0	9.78	0.0	1.8	0.0	203.89	19.72	des

Profile information for DC8 flight 05:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
05. 1	72147.0	74348.0	36.68	7.6	-0.0	9.5	201.90	19.34	asc
05. 2	76218.0	76961.0	12.38	0.0	9.4	4.6	194.89	18.53	des
05. 3	78076.0	79172.0	18.27	0.0	4.6	9.5	190.28	18.34	asc
05. 4	81142.0	82790.0	27.47	0.0	9.4	3.0	184.14	17.94	des
05. 5	83964.0	85403.0	23.98	0.0	3.1	10.7	180.16	17.90	asc
05. 6	86712.0	88213.0	25.02	0.0	10.6	0.7	174.57	17.65	des
05. 7	88219.0	88619.0	6.67	0.0	0.8	2.7	172.78	17.54	asc
05. 8	89718.0	90227.0	8.48	0.0	2.8	6.1	169.91	17.33	asc
05. 9	91458.0	92438.0	16.33	0.0	6.1	11.3	166.02	16.95	asc
05.10	94878.0	96458.0	26.33	0.0	11.3	0.2	158.76	16.04	des
05.11	98176.0	98876.0	11.67	0.0	0.2	5.5	154.49	15.43	asc
05.12	100157.0	101496.0	22.32	0.0	5.5	11.9	150.03	14.92	asc
05.13	101855.0	103979.0	35.40	3.5	11.8	0.2	146.47	14.07	des

Profile information for DC8 flight 06:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
06. 1	85962.0	87766.0	30.07	0.0	0.2	10.1	143.53	14.03	asc
06. 2	89547.0	90781.0	20.57	0.0	10.1	0.2	143.02	14.13	des
06. 3	91879.0	93394.0	25.25	0.0	0.2	5.5	140.65	15.44	asc
06. 4	95023.0	96007.0	16.40	0.0	5.5	10.1	136.63	19.23	asc
06. 5	96272.0	96610.0	5.63	0.0	10.0	8.5	135.37	20.56	des
06. 6	100029.0	100429.0	6.67	0.0	8.6	10.1	129.63	24.78	asc
06. 7	101311.0	103243.0	32.20	0.0	10.0	0.3	126.97	26.70	des
06. 8	104949.0	107072.0	35.38	0.0	0.3	10.7	124.75	24.75	asc
06. 9	108899.0	110680.0	29.68	5.3	10.6	0.3	120.72	19.82	des
06.10	111309.0	112087.0	12.97	0.0	0.3	3.8	118.00	18.06	asc

06.11	113296.0	114097.0	13.35	0.0	3.9	9.4	115.26	16.58	asc
06.12	115891.0	118117.0	37.10	6.6	9.4	0.0	115.19	21.27	des

Profile information for DC8 flight 07:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
07. 1	4208.0	6017.0	30.15	0.0	-0.0	8.8	115.05	21.42	asc
07. 2	7810.0	8627.0	13.62	0.0	8.8	3.0	120.93	20.56	des
07. 3	9868.0	10436.0	9.47	0.0	3.0	0.3	123.63	22.29	des
07. 4	10871.0	11441.0	9.50	0.0	0.3	2.4	124.59	23.39	asc
07. 5	12735.0	14054.0	21.98	0.0	2.4	10.1	125.21	26.71	asc
07. 6	14719.0	18476.0	62.62	0.0	10.0	8.2	129.56	29.85	des
07. 7	20316.0	21089.0	12.88	0.0	8.2	11.3	139.43	29.73	asc
07. 8	21619.0	24506.0	48.12	0.0	11.3	0.3	137.63	27.15	des
07. 9	25576.0	26114.0	8.97	0.0	0.3	2.4	134.88	24.09	asc
07.10	27235.0	28355.0	18.67	0.0	2.5	9.5	132.23	22.49	asc
07.11	29413.0	31139.0	28.77	0.0	9.4	0.3	127.82	21.08	des
07.12	32891.0	35159.0	37.80	5.5	0.3	11.9	122.01	20.05	asc
07.13	36902.0	39145.0	37.38	4.5	11.9	0.0	115.25	21.23	des

Profile information for DC8 flight 08:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
08. 1	3682.0	5889.0	36.78	0.0	-0.1	10.1	115.67	21.21	asc
08. 2	7584.0	9708.0	35.40	0.0	10.1	0.2	123.61	20.49	des
08. 3	11346.0	12945.0	26.65	8.8	0.3	5.3	129.06	20.64	asc
08. 4	13559.0	14733.0	19.57	0.0	5.3	10.4	133.17	20.68	asc
08. 5	17100.0	19155.0	34.25	0.0	10.3	0.3	142.49	20.42	des
08. 6	20407.0	20964.0	9.28	0.0	0.3	3.0	146.77	20.13	asc
08. 7	21578.0	22170.0	9.87	0.0	3.0	0.3	148.73	20.00	des
08. 8	22692.0	23786.0	18.23	0.0	0.3	6.1	149.14	20.22	asc
08. 9	25415.0	25989.0	9.57	0.0	6.1	9.5	144.94	21.13	asc
08.10	27074.0	29004.0	32.17	0.0	9.4	0.3	141.01	22.61	des
08.11	29480.0	30813.0	22.22	0.0	0.3	6.7	137.97	23.65	asc
08.12	31592.0	32220.0	10.47	0.0	6.7	9.4	135.27	24.58	asc
08.13	33658.0	35637.0	32.98	0.0	9.4	0.3	130.87	25.71	des

Profile information for DC8 flight 09:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
09. 1	6564.0	8167.0	26.72	0.0	-0.0	9.4	128.11	27.28	asc
09. 2	9670.0	10579.0	15.15	0.0	9.4	3.4	125.74	29.85	des
09. 3	11639.0	12187.0	9.13	0.0	3.3	0.6	124.98	32.13	des
09. 4	12848.0	13594.0	12.43	0.0	0.6	3.2	124.80	33.80	asc
09. 5	14509.0	15403.0	14.90	0.0	3.2	0.3	124.55	36.04	des
09. 6	15935.0	16408.0	7.88	0.0	0.3	2.4	124.48	36.90	asc
09. 7	17017.0	17614.0	9.95	0.0	2.4	0.9	124.65	35.21	des
09. 8	19509.0	22639.0	52.17	4.8	0.9	11.9	124.99	29.14	asc
09. 9	24728.0	25654.0	15.43	0.0	11.9	4.6	124.30	21.77	des
09.10	26505.0	27463.0	15.97	0.0	4.6	0.3	121.65	20.65	des
09.11	29172.0	30076.0	15.07	0.0	0.3	6.1	117.87	20.05	asc
09.12	31536.0	32893.0	22.62	3.8	6.1	-0.0	114.35	21.87	des

Profile information for DC8 flight 10:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
10. 1	8140.0	9910.0	29.50	0.0	0.0	8.9	115.21	21.29	asc
10. 2	10756.0	11354.0	9.97	0.0	8.9	10.1	119.02	20.45	asc
10. 3	14580.0	16580.0	33.33	0.0	10.0	0.3	129.47	21.65	des
10. 4	17721.0	18590.0	14.48	0.0	0.3	3.9	133.51	21.90	asc
10. 5	19203.0	19997.0	13.23	0.0	3.9	0.3	135.56	22.32	des
10. 6	21130.0	22811.0	28.02	0.0	0.3	8.9	134.52	24.85	asc
10. 7	24582.0	26429.0	30.78	0.0	8.8	0.3	130.88	22.45	des
10. 8	28087.0	29042.0	15.92	0.0	0.3	4.6	126.44	21.41	asc
10. 9	30190.0	31655.0	24.42	5.0	4.6	9.4	122.18	20.80	asc
10.10	32911.0	33263.0	5.87	0.0	9.5	10.7	118.02	19.64	asc
10.11	34377.0	34871.0	8.23	0.0	10.7	11.9	115.15	18.61	asc
10.12	35319.0	37505.0	36.43	0.0	11.9	-0.0	114.13	20.71	des

Profile information for DC8 flight 11:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
11. 1	3311.0	5117.0	30.10	0.0	0.0	10.1	115.23	21.26	asc
11. 2	8101.0	10745.0	44.07	0.0	10.0	8.8	123.18	19.90	des
11. 3	13440.0	15167.0	28.78	0.0	8.8	0.3	129.07	19.63	des
11. 4	16873.0	18182.0	21.82	0.0	0.4	9.4	132.56	22.51	asc
11. 5	19369.0	21197.0	30.47	0.0	9.4	0.3	136.09	26.77	des

11. 6	21729.0	23207.0	24.63	0.0	0.4	7.6	137.85	29.30	asc
11. 7	23779.0	24815.0	17.27	0.0	7.6	3.1	136.01	30.10	des
11. 8	25929.0	26418.0	8.15	0.0	3.0	0.9	133.10	30.07	des
11. 9	26426.0	28248.0	30.37	0.0	0.9	9.5	131.25	29.94	asc
11.10	29373.0	30971.0	26.63	0.0	9.4	0.1	128.37	27.20	des

Profile information for DC8 flight 12:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
12. 1	3064.0	4667.0	26.72	0.0	0.0	9.5	126.66	26.64	asc
12. 2	7013.0	7481.0	7.80	0.0	9.4	7.6	121.41	25.55	des
12. 3	8054.0	8486.0	7.20	0.0	7.6	9.5	120.07	24.16	asc
12. 4	9697.0	11300.0	26.72	0.0	9.4	1.2	117.99	22.67	des
12. 5	12569.0	13109.0	9.00	0.0	1.2	3.0	119.98	24.08	asc
12. 6	13437.0	14114.0	11.28	0.0	3.0	0.3	120.66	24.75	des
12. 7	15773.0	16928.0	19.25	0.0	0.3	6.1	122.68	26.83	asc
12. 8	17848.0	19139.0	21.52	0.0	6.1	0.3	126.37	28.70	des
12. 9	20851.0	21953.0	18.37	0.0	0.3	5.8	130.30	29.48	asc
12.10	23363.0	24061.0	11.63	0.0	5.7	2.5	134.25	30.62	des
12.11	25000.0	25520.0	8.67	0.0	2.4	0.4	136.51	31.41	des
12.12	25865.0	26641.0	12.93	0.0	0.4	3.9	137.52	31.60	asc
12.13	27412.0	28184.0	12.87	0.0	3.9	7.0	138.60	32.81	asc
12.14	28545.0	29857.0	21.87	0.0	7.0	0.2	139.29	34.89	des

Profile information for DC8 flight 13:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
13. 1	82486.0	84488.0	33.37	5.8	0.2	9.4	138.91	34.57	asc
13. 2	86362.0	88307.0	32.42	0.0	9.4	0.6	136.58	29.04	des
13. 3	89718.0	92126.0	40.13	0.0	0.7	10.7	133.64	24.46	asc
13. 4	95482.0	96749.0	21.12	0.0	10.6	0.2	129.80	22.14	des
13. 5	98416.0	99965.0	25.82	0.0	0.2	3.7	127.37	24.30	asc
13. 6	101744.0	103181.0	23.95	0.0	3.6	0.3	125.09	28.05	des
13. 7	104267.0	104990.0	12.05	0.0	0.4	3.1	125.11	30.93	asc
13. 8	106038.0	106397.0	5.98	0.0	3.1	4.6	124.87	33.18	asc
13. 9	106637.0	108608.0	32.85	7.4	4.6	0.4	124.81	33.68	des
13.10	109095.0	111824.0	45.48	7.1	0.4	11.3	127.87	33.44	asc
13.11	114015.0	116540.0	42.08	0.4	11.3	0.2	137.92	35.53	des

Profile information for DC8 flight 14:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
14. 1	84096.0	85301.0	20.08	7.8	0.1	4.3	139.06	34.92	asc
14. 2	88320.0	89321.0	16.68	0.0	5.2	9.5	141.70	32.28	asc
14. 3	89928.0	90929.0	16.68	0.0	9.3	4.6	145.67	30.34	des
14. 4	92145.0	94748.0	43.38	0.0	4.6	0.1	149.72	27.18	asc
14. 5	96501.0	98366.0	31.08	0.0	0.2	8.9	148.36	23.60	asc
14. 6	101442.0	103190.0	29.13	0.0	8.8	0.3	139.78	22.07	des
14. 7	104287.0	104798.0	8.52	0.0	0.3	3.0	137.26	23.76	asc
14. 8	106622.0	107210.0	9.80	0.0	3.0	0.3	135.19	26.43	des
14. 9	109105.0	110828.0	28.72	0.0	0.3	8.3	134.98	28.62	asc
14.10	112129.0	112637.0	8.47	0.0	8.3	10.1	135.17	31.32	asc
14.11	113989.0	116349.0	39.33	7.0	10.0	0.1	138.77	34.34	des

Profile information for DC8 flight 15:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
15. 1	84972.0	85568.0	9.93	0.0	0.2	3.7	139.39	35.56	asc
15. 2	86463.0	87779.0	21.93	0.0	3.7	9.4	138.45	33.13	asc
15. 3	89905.0	91799.0	31.57	0.0	9.4	0.3	135.86	27.41	des
15. 4	93012.0	94814.0	30.03	0.0	0.4	10.7	133.04	24.15	asc
15. 5	96640.0	98231.0	26.52	0.0	10.6	0.2	127.40	24.05	des
15. 6	99903.0	100442.0	8.98	0.0	0.3	3.7	125.37	26.07	asc
15. 7	101158.0	102251.0	18.22	0.0	3.7	10.1	125.20	28.35	asc
15. 8	104930.0	106298.0	22.80	0.0	10.0	0.6	124.51	36.15	des
15. 9	106584.0	107678.0	18.23	0.0	0.6	6.1	124.54	36.14	asc
15.10	107933.0	108884.0	15.85	0.0	6.1	0.4	124.76	34.21	des
15.11	110013.0	111095.0	18.03	0.0	0.4	7.0	126.58	32.53	asc
15.12	112650.0	113708.0	17.63	0.0	7.0	0.3	131.93	34.88	des
15.13	114797.0	116120.0	22.05	6.2	0.3	7.0	135.37	35.94	asc
15.14	116781.0	118532.0	29.18	3.6	7.0	0.1	138.47	35.44	des

Profile information for DC8 flight 16:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
16. 1	65715.0	66711.0	16.60	0.0	0.3	6.7	139.23	35.24	asc
16. 2	73850.0	75153.0	21.72	0.0	6.7	0.3	126.10	28.28	des

16. 3	76989.0	77565.0	9.60	0.0	0.3	2.7	125.57	28.61	asc
16. 4	78730.0	79374.0	10.73	0.0	2.7	0.3	125.26	28.22	des
16. 5	80454.0	80982.0	8.80	0.0	0.3	2.7	125.27	28.11	asc
16. 6	82159.0	82791.0	10.53	0.0	2.7	0.3	124.99	28.43	des
16. 7	83914.0	84399.0	8.08	0.0	0.3	2.7	125.22	28.27	asc
16. 8	85613.0	86208.0	9.92	0.0	2.7	0.3	125.15	28.44	des
16. 9	87304.0	87816.0	8.53	0.0	0.3	2.7	125.16	28.32	asc
16.10	89121.0	90831.0	28.50	0.0	2.7	11.3	127.31	28.27	asc
16.11	92870.0	96258.0	56.47	9.3	11.3	7.6	133.71	29.92	asc
16.12	97871.0	98890.0	16.98	0.0	7.5	2.3	138.84	34.51	des

Profile information for DC8 flight 17:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
17. 1	738.0	2137.0	23.32	0.0	0.2	9.5	138.44	35.62	asc
17. 2	4925.0	5353.0	7.13	0.0	8.8	7.3	132.33	34.54	des
17. 3	6502.0	7966.0	24.40	0.0	7.3	0.3	133.55	36.49	des
17. 4	9686.0	11182.0	24.93	3.4	0.4	5.5	136.62	39.91	asc
17. 5	12353.0	12793.0	7.33	0.0	5.5	7.6	139.15	43.18	asc
17. 6	14319.0	15001.0	11.37	0.0	7.6	4.6	142.68	44.83	des
17. 7	16158.0	16810.0	10.87	0.0	4.6	1.8	145.28	42.32	des
17. 8	17963.0	18418.0	7.58	0.0	1.8	0.4	147.74	40.56	des
17. 9	18675.0	19817.0	19.03	0.0	0.4	5.0	149.05	39.47	asc
17.10	21567.0	22237.0	11.17	0.0	4.6	7.6	146.10	37.36	asc
17.11	23414.0	24649.0	20.58	0.0	7.6	1.9	142.86	35.87	des
17.12	27076.0	27422.0	5.77	0.0	1.2	0.1	139.37	35.63	des

Profile information for DC8 flight 18:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
18. 1	81535.0	83357.0	30.37	0.0	0.1	10.0	141.16	35.57	asc
18. 2	86015.0	87960.0	32.42	0.0	10.0	0.1	153.70	35.21	des
18. 3	89170.0	91176.0	33.43	0.0	0.2	10.1	159.80	34.50	asc
18. 4	92644.0	94600.0	32.60	0.0	10.0	0.1	168.23	33.10	des
18. 5	95829.0	97809.0	33.00	0.0	0.1	9.5	173.68	31.57	asc
18. 6	101833.0	103437.0	26.73	0.0	9.4	0.1	185.63	25.49	des
18. 7	105133.0	106050.0	15.28	0.0	0.1	3.0	188.96	23.13	asc
18. 8	107114.0	107658.0	9.07	0.0	3.0	0.3	191.47	22.25	des
18. 9	108265.0	110070.0	30.08	0.0	0.3	11.3	194.20	21.29	asc
18.10	111990.0	114390.0	40.00	2.3	11.2	-0.0	202.07	19.81	des

Profile information for DC8 flight 19:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
19. 1	64594.0	66999.0	40.08	0.0	-0.0	10.1	205.80	20.01	asc
19. 2	72560.0	74034.0	24.57	0.0	10.0	0.1	220.29	21.20	des
19. 3	75136.0	77049.0	31.88	0.0	0.1	8.5	220.80	23.99	asc
19. 4	78138.0	79863.0	28.75	0.0	8.5	0.0	221.92	28.99	des
19. 5	81097.0	82878.0	29.68	0.0	0.1	8.5	222.91	33.01	asc
19. 6	86320.0	88104.0	29.73	0.0	8.5	0.0	219.08	33.60	des
19. 7	89891.0	92124.0	37.22	0.2	0.0	9.8	214.31	29.82	asc
19. 8	93448.0	95541.0	34.88	0.0	9.7	0.1	209.25	25.30	des
19. 9	96617.0	96948.0	5.52	0.0	1.0	2.2	206.57	22.82	asc
19.10	98161.0	98958.0	13.28	0.0	2.1	0.1	205.44	20.58	des

Profile information for DC8 flight 20:

Number	UTC_Start	UTC_Stop	Duration	leg	Alt0	Alt1	LON	LAT	TYPE
20. 1	62104.0	63102.0	16.63	0.0	-0.0	5.1	204.42	20.22	asc
20. 2	66438.0	68529.0	34.85	0.0	5.3	0.2	211.44	23.92	des
20. 3	71709.0	73204.0	24.92	0.0	1.8	8.8	218.10	26.75	asc
20. 4	75641.0	77373.0	28.87	0.0	8.8	0.0	224.12	29.19	des
20. 5	78554.0	81192.0	43.97	0.0	0.0	11.9	228.77	30.39	asc
20. 6	84024.0	86188.0	36.07	0.0	11.9	2.3	240.60	34.21	des