

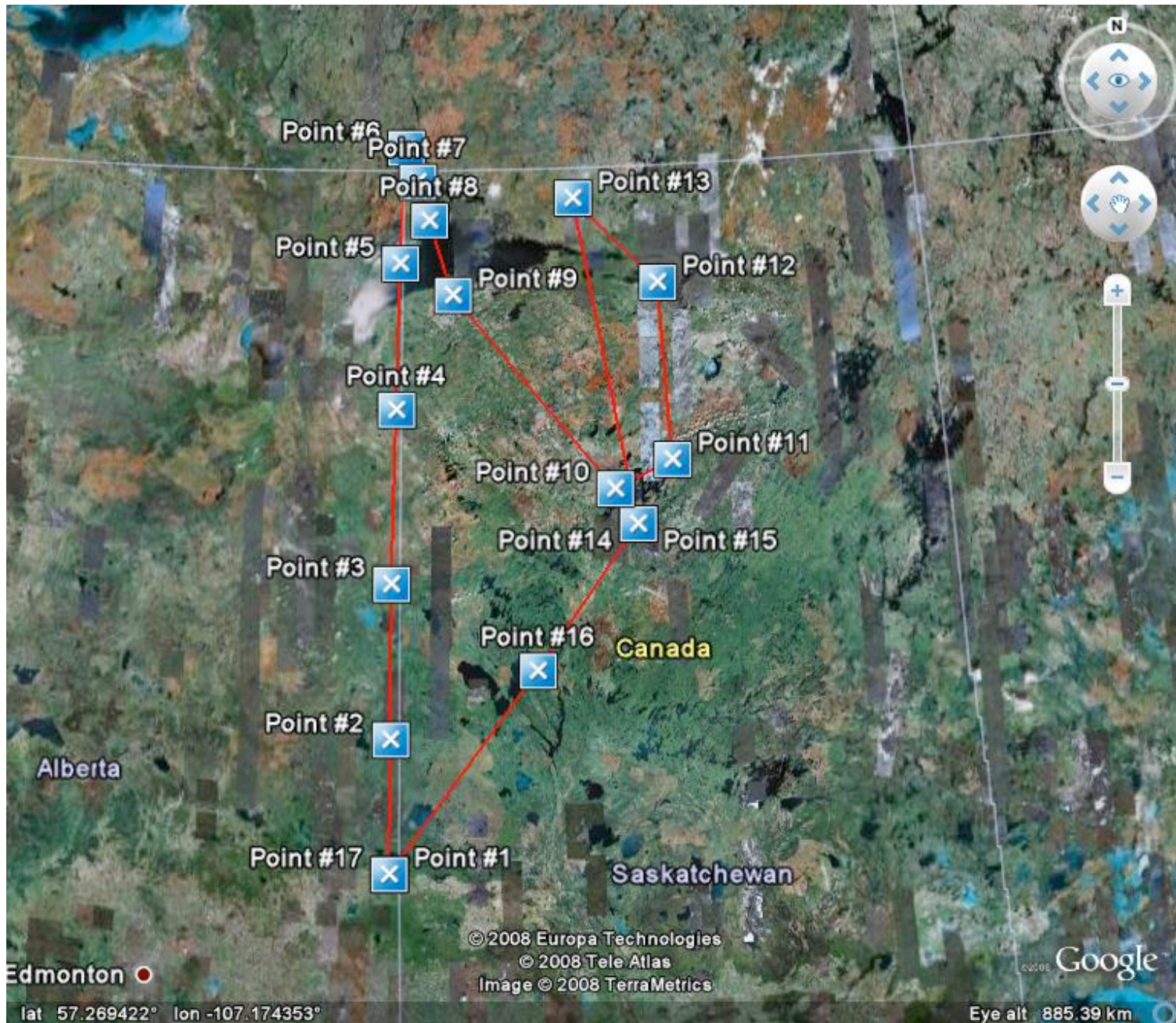
**P-3B ARCTAS Summer - Flight Plan Flight 15**  
**To be flown Saturday 28 Jun 2008**

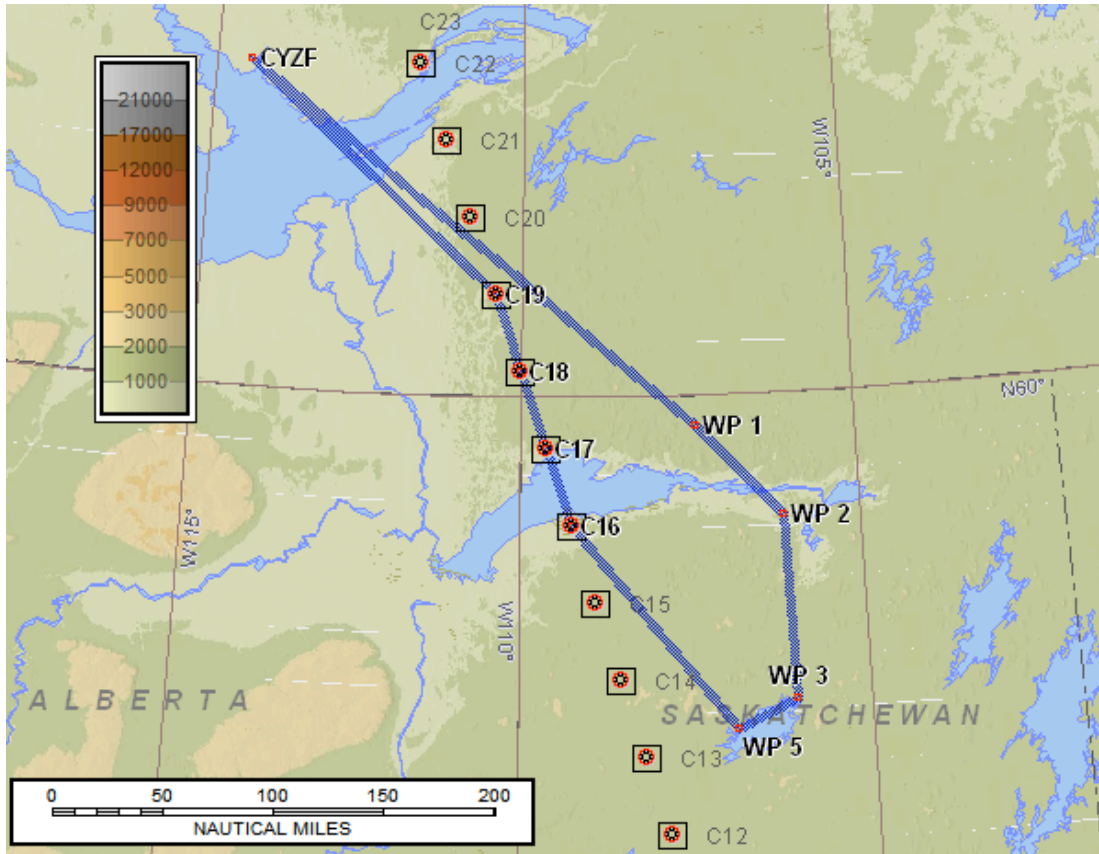
**Objectives in order of Priority**

- 1) Fire emissions near 58N, 106W and fires near Lake Athabaska
- 2) CALIPSO underflight near 20:06UT
- 3) Radiation and AOD as possible in plumes

Note: Timing and altitudes may change but general areas and objectives will remain.

#/Location	Lat(+90)	Lon(+180)	Speed(m/s)	Speed(kt)	Alt(m)	Alt(kft)	Delay T(min)	UTC(h:m)	Local T(h:m)	Leg T(h:m)	Cum Leg T(h:m)	Dist(km)	Cum Dist(km)	Dist(nm)
1	54.46	-110.15	140	272	0	0	0	18:45	12:45	00:00	00:00	0	0	0
2	55.53	-110.13	135	262	500	1640	0	18:59	12:59	00:14	00:14	118	118	64
3	56.75	-110.13	135	262	1000	3280	0	19:15	13:15	00:16	00:30	135	254	73
4	58.11	-110.08	135	262	5000	16404	0	19:34	13:34	00:18	00:49	151	405	81
5	59.26	-110.05	135	262	1000	3280	0	19:50	13:50	00:15	01:05	127	533	69
6	60.18	-109.99	135	262	500	1640	0	20:02	14:02	00:12	01:17	102	635	55
7	59.91	-109.8	135	262	150	492	0	20:06	14:06	00:03	01:21	31	667	17
8	59.6	-109.61	135	262	150	492	0	20:11	14:11	00:04	01:26	36	703	19
9	59.01	-109.24	135	262	150	492	0	20:19	14:19	00:08	01:34	68	772	37
10	57.47	-106.89	135	262	1000	3280	0	20:46	14:46	00:27	02:01	219	991	118
11	57.68	-106.04	135	262	1000	3280	0	20:53	14:53	00:06	02:08	55	1047	30
12	59.07	-106.13	135	262	1000	3280	0	21:12	15:12	00:19	02:27	154	1202	83
13	59.76	-107.38	135	262	1000	3280	0	21:25	15:25	00:12	02:40	104	1306	56
14	57.19	-106.58	135	262	3000	9842	0	22:01	16:01	00:35	03:16	289	1595	156
15	57.19	-106.58	0	0	500	1640	00:40	22:41	16:41	00:40	03:56	0	1595	0
16	56.06	-108.06	140	272	3000	9842	0	22:41	16:41	00:00	03:56	154	1749	83
17	54.46	-110.15	140	272	0	0	0	23:07	17:07	00:26	04:22	222	1972	119







B200 Flight plan  
June 28 2008