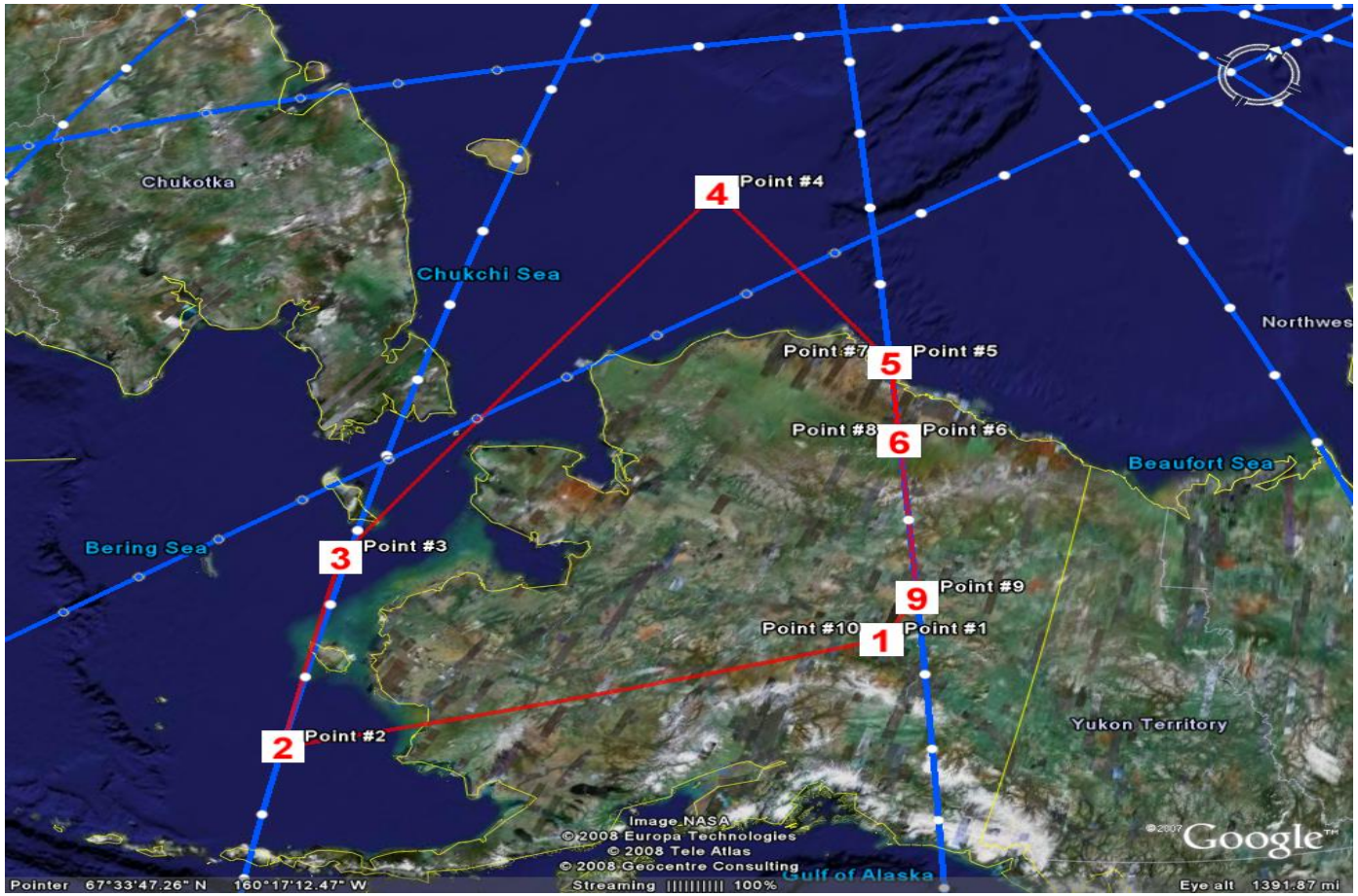
Draft Plan: DC8 Flight 08 – 04/12/2008 (version 2)



Objectives:

- Asian pollution and biomass burning (points 2-4)
- Barrow missed approach (point 5)
- Intercomparison with NOAA P-3 (points 5-6)
- CALIPSO underpass points 5-9)

Points	Location	Latitude	Longitude	Time GMT
1	Fairbanks	64.82	-147.87	15:48
2	Bering Sea	57.68	-165.61	17:42
3	Bering Strait	62.2	-168.9	18:32
4	Arctic Ocean	73	-168.1	20:23
5	1st leg intercompareison	70.95	-153.32	21:14 (meet NOAA P3)
6	2nd leg intercomparison	69.3	-150.96	21:36
7	3rd leg intercomparison	70.95	-153.32	21:57
8	Calipso Val Pt.	69.3	-150.96	22:18 (Calipso validation pt)
9	Calipso track near Fairbanks	65.94	-147.13	23:00
10	Fairbanks	64.82	-147.870	2:12

- Estimated flight duration: 7:20
- Estimated Take-off time: 15:48 GMT (7:48 ADT)
- Target landing time: 23:08 GMT (15:08 ADT)
- Meet up with NOAA P3 for intercomparison legs: 21:14 GMT
  70.95 N, -153.32
- Calipso Validation Point: 22:18 GMT at 69.3N and 150.96W
- Vertical profile information: 3 legs for intercomparison (eg. 18K, 10K, 1K; TBD from DIAL during 1st leg