

# Draft Plan: DC8 Flight 10 – Thursday 04/17/2008 (version 3)

Estimated take off time  
19:54 GMT (11:54 ADT)

Estimated flight duration:  
8 hours 15 minutes  
using 190 m/s avg  
(includes 15 minutes for  
short spiral after missed  
approach over Prudhoe  
Bay)

## SUMMARY:

- 1 Fairbanks
- 2 Missed Approach/  
Hard Time OMI  
overpass (21:07)  
Spiral up to 10K
- 3 North Pole (89 N)
- 4 Barrow
- (BL leg and missed approach)
- 5 Fairbanks



# Flight 10 Altitude summary

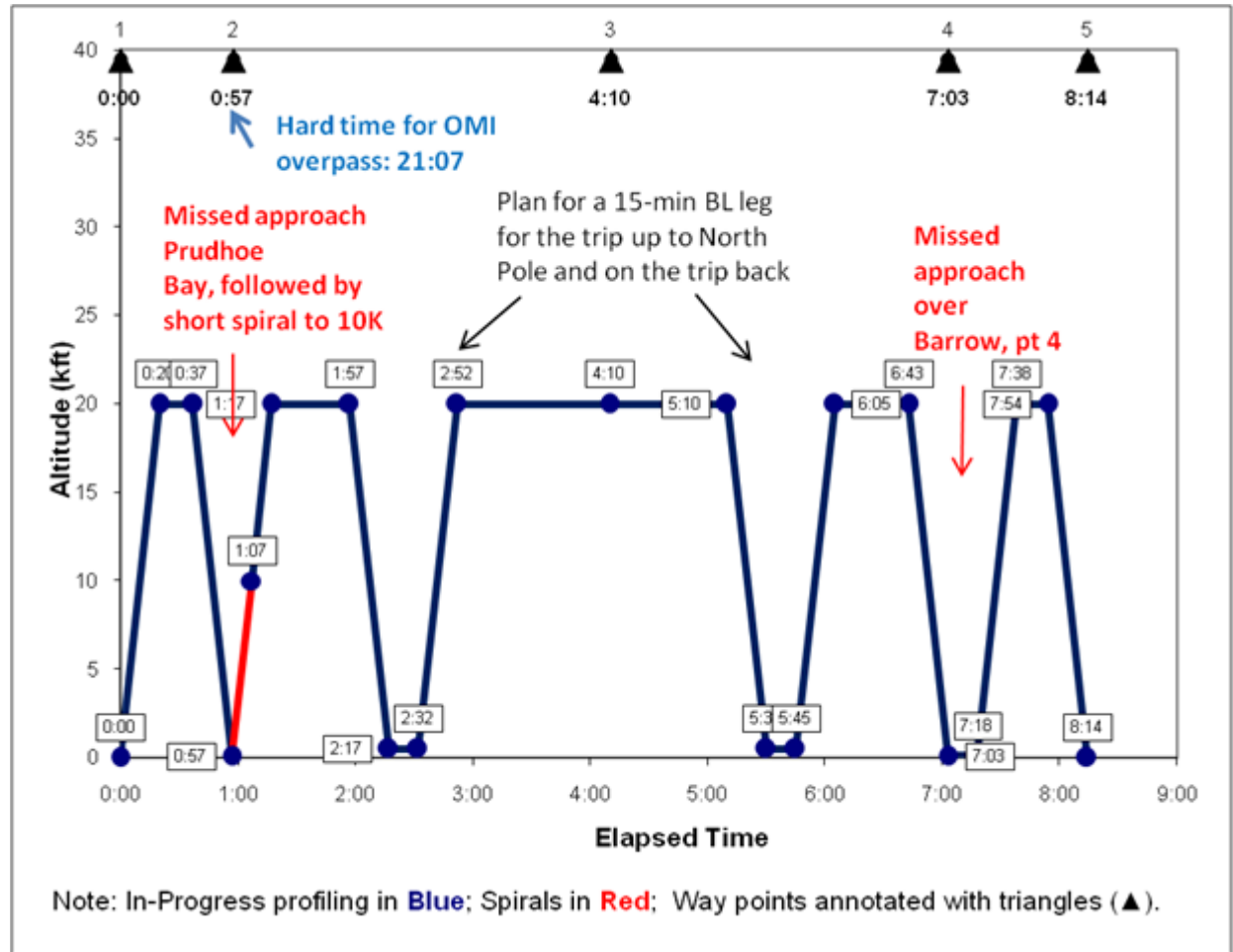
Hard Time:  
Point 2: OMI overpass  
at 21:07 UTC

## General Altitude Layout:

Want a missed approach at Prudhoe Bay (pt 2, the OMI overpass hard time), followed by a short spiral up to 10K. Plan for at least 2 boundary layer legs of 15 minute duration, one on the trip up to NP, one on the trip back.

Plan another BL leg approaching Barrow and a missed approach. Return to Fairbanks at optimal high altitude (20 K?)

Other vertical profiling will be guided by DIAL during flight.



## Waypoints for Thursday April 17 DC8 Flight 10

	LATITUDE	LON	Speed m/s		Cum Time	UTC	ADT
1	64.82		-147.87	190		00:00	19:54 11:54
2	70.726 (missed appr.)	-148.711	190	+15 (short spiral)		01:13	21:07 13:07
3	89	-147.86	190		04:11	24:05	16:05
4	71.3 appr.)	-156.8	190		07:04	26:58	18:58 (missed
5	64.82		-147.87	190		08:15	28:09 20:09