



Point	Altitude (ft)	Leg Time (min)	Elapsed Time (hr)	
A	Sfc	0	0.00	
B	12000	9	0.15	begin calibration leg, FltSci note layers
C	12000	19	0.47	begin en-route ascent to D; FltSci note layers, level if interesting
D	15000	15	0.72	begin en-route descent to E; FltSci note layers, level if interesting
E	3000	10	0.88	begin en-route ascent to F; FltSci note layers, level if interesting
F	13000	12	1.08	
G	13000	18	1.38	begin en-route descent to H for P.B. fly-by
H	200	2	1.42	Missed appch P.B., or position for plume intercept
I	300	4	1.48	Low over ice, sample lead clouds, 45-min. loiter I-J-K
J	300	29	1.97	N. extent of large leads (from satellite)
K	300	55	2.88	begin en-route ascent to L
L	24000	26	3.32	level for stratospheric sampling
M	24000	20	3.65	begin spiral descent at M, then low level run to N
M	300	15	3.92	
N	300	16	4.62	begin en-route ascent to 6000, proceed through front
O	6000	42	4.78	FltSci/FD mark "O" at frontal boundary; P is 13 min. beyond
P	6000	13	5.00	racetrack course reversal; no need to stack vertically
P	9000	2	5.03	FltSci adjust altitudes to sample layers, clouds
O	9000	13	5.25	
O	12000	2	5.28	
P	12000	13	5.50	
P	15000	2	5.53	
O	15000	13	5.75	begin en-route ascent to "Q", sample layers or clouds
Q	18000	35	6.33	
R	15000	35	6.92	
S	15000	15	7.17	
S	12000	2	7.20	
R	12000	15	7.47	
R	9000	2	7.50	
S	9000	15	7.75	
S	6000	2	7.78	
R	6000	17	8.07	en-route ascent
T	18000	17	8.35	en-route descent
A	Sfc	10	8.52	

Point	Alt (ft)	Lat	Lon	Leg time (min)	Cum. time (hr)
A	0	64.82	-147.86	0	0
B	12000	65.4	-147.7	9	0.15
C	12000	66.6	-147.3	19	0.466667
D	15000	67.6	-147.3	15	0.716667
E	3000	68.24	-147.5	10	0.883333
F	13000	69	-148	12	1.08333
G	13000	70.09	-148.8	18	1.38333
H	200	70.19	-148.46	2	1.41667
I	300	70.38	-148	4	1.48333
J	300	72	-145	29	1.96667
K	300	72.3	-143.2	55	2.88333
L	24000	72.65	-140.6	26	3.31667
M	24000	73	-138	20	3.65
M	300	73	-138	16	3.91667
N	300	71	-144.1	42	4.61667
O	6000	70.6	-145.4	10	4.78333
P	6000	69.73	-145.75	13	5
P	9000	69.73	-145.75	2	5.03333
O	9000	70.6	-145.4	13	5.25
O	12000	70.6	-145.4	2	5.28333
P	12000	69.73	-145.75	13	5.5
P	15000	69.73	-145.75	2	5.53333
O	15000	70.6	-145.4	13	5.75
Q	18000	68.6	-146.225	35	6.33333
R	15000	67.5	-146.7	35	6.91667
S	15000	66.5	-147.1	15	7.16667
S	12000	67.5	-146.7	2	7.2
R	12000	66.5	-147.1	16	7.46667
R	9000	67.5	-146.7	2	7.5
S	9000	66.5	-147.1	15	7.75
S	6000	67.5	-146.7	2	7.78333
R	6000	66.5	-147.1	17	8.06667
T	18000	65.4	-147.7	17	8.35
A	0	64.79	-147.81	10	8.51667