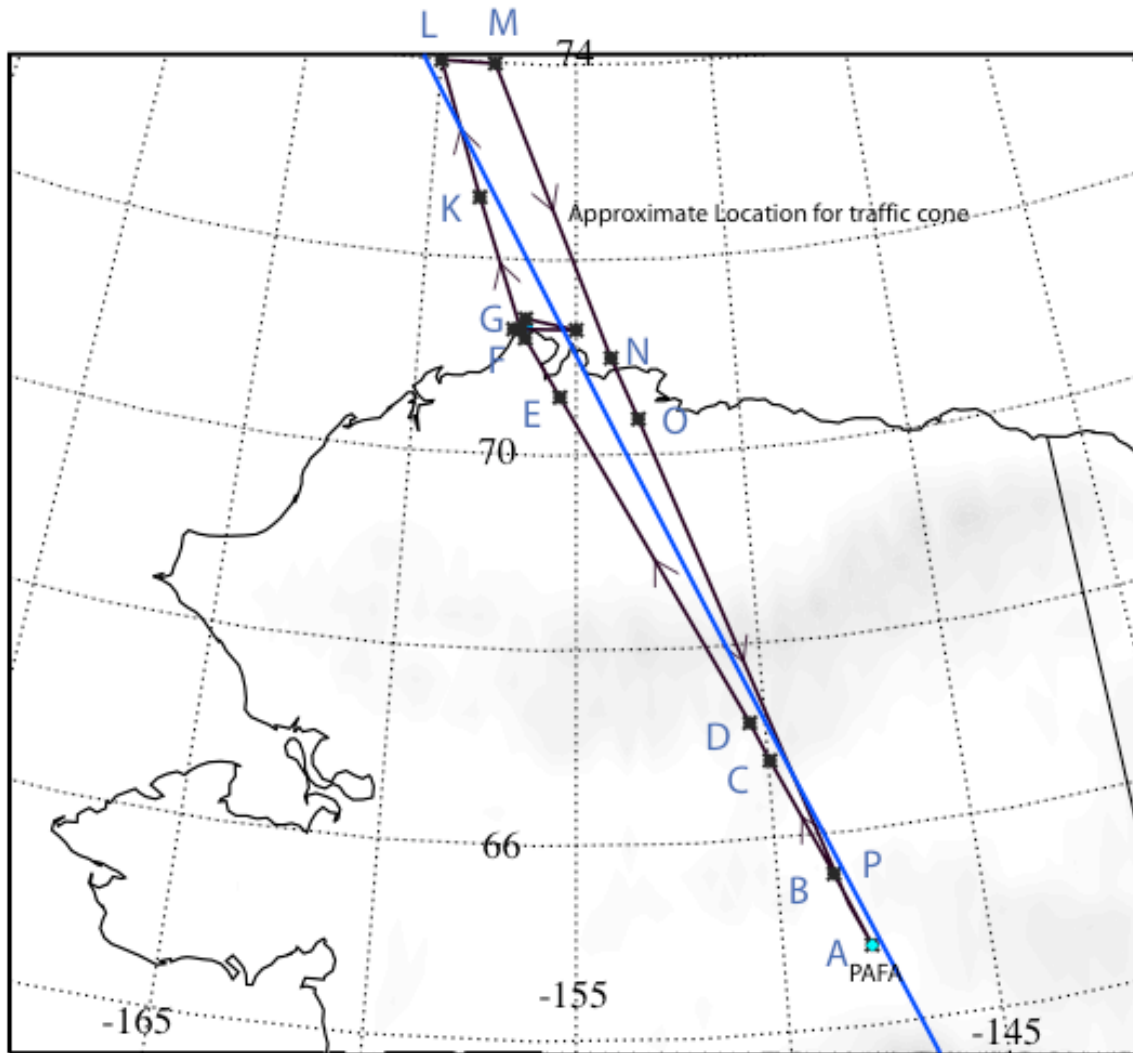


ground speed: assumed 235 knots

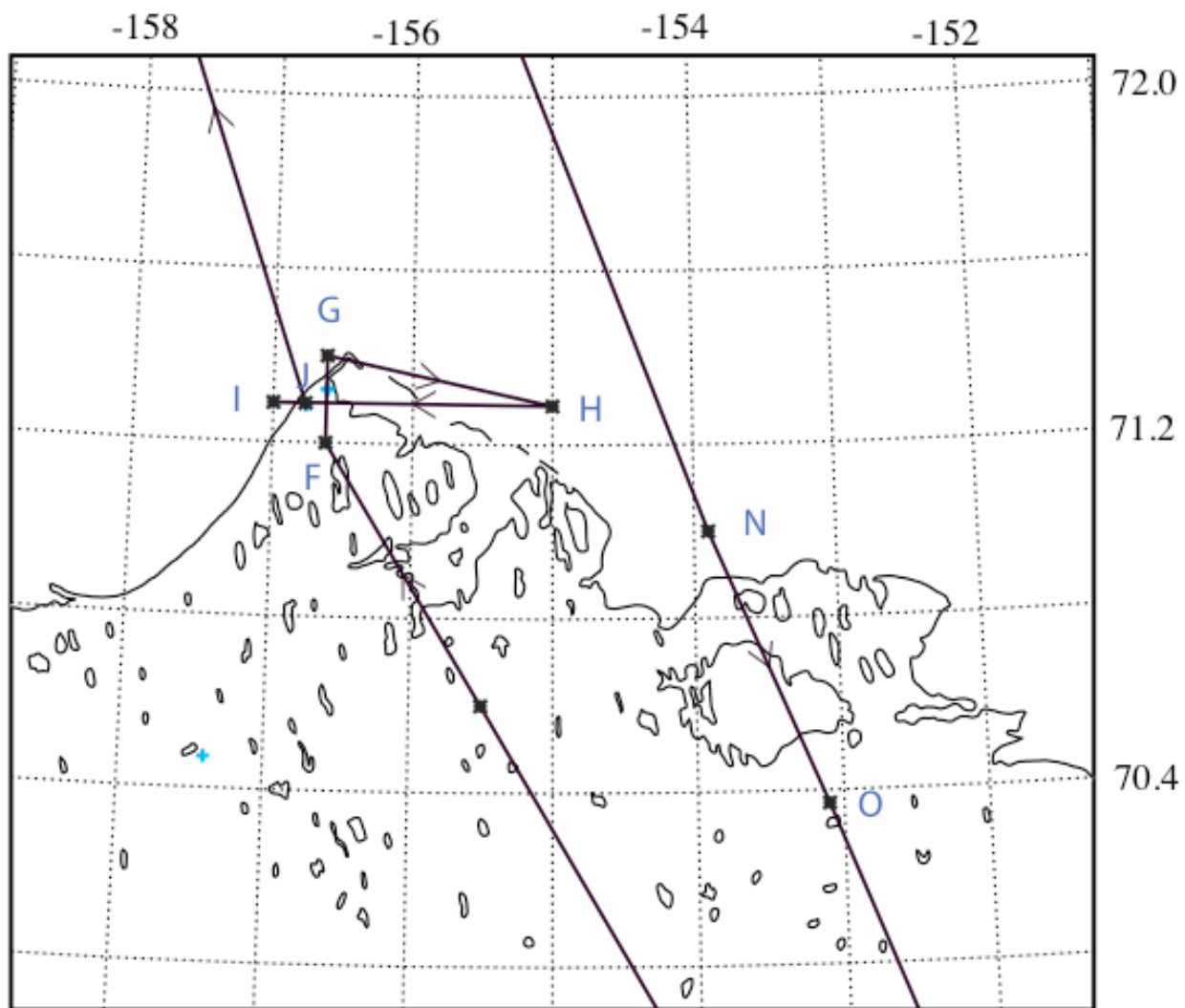
time added 45 minutes for cloud module, 20 minutes for Convair comparison

pt	UT	lat	lon	palt(ft)	nmtotal	nminc	Total Time Hh:mm	Leg Time min	Notes
A	2130Z	64.82N	147.86W	sfc	0	0	00:00	0	PAFA
B	2143Z	65.58N	148.60W	12000	49	49	00:13	13	Begin calibration leg
C	2203Z	66.80N	149.95W	12000	129	80	00:33	20	end cal leg, begin enroute ascent to D
D	2210Z	67.20N	150.40W	18000	155	26	00:40	7	Start level flight to E
E	2310Z	70.60N	155.50W	18000	387	232	01:40	60	Start enroute descent to Barrow area, leveling off at 15kft
F	2321Z	71.20N	156.62W	15000	430	43	01:51	11	Start parking garage maneuver over Barrow ground sites
G	2324Z	71.40N	156.62W	15000	442	12	01:54	3	
G	2327Z	71.40N	156.62W	12500	442	0	01:57	3	
F	2330Z	71.20N	156.62W	12500	454	12	01:60	3	
F	2333Z	71.20N	156.62W	10000	454	0	02:03	3	
G	2336Z	71.40N	156.62W	10000	466	12	02:06	3	
G	2339Z	71.40N	156.62W	7500	466	0	02:09	3	
F	2342Z	71.20N	156.62W	7500	478	12	02:12	3	
F	2345Z	71.20N	156.62W	5000	478	0	02:15	3	
G	2348Z	71.40N	156.62W	5000	490	12	02:18	3	
G	2351Z	71.40N	156.62W	2500	490	0	02:21	3	
F	2354Z	71.20N	156.62W	2500	502	12	02:24	3	
F	2357Z	71.20N	156.62W	1000	502	0	02:27	3	
G	2360Z	71.40N	156.62W	1000	514	12	02:30	3	End parking garage...head to the east and wait for Convair comparison
H	0008Z	71.29N	155.00W	1000	546	32	02:38	8	Loiter west of PABR, try to sample top of low level clouds
I	0118Z	71.29N	157.00W	6000	584	38	02:48	10	Meet up with Convair, fly coordinated pattern
J	0034Z	71.29N	156.77W	500	589	5	03:04	16	Missed approach at PABR, then ice depending on cloud height and surface winds, Use the lowest safe altitude, and look out for blowing snow.
K	0101Z	72.63N	158.30W	3000	674	85	03:31	27	Possible location for a cloud module
L	0209Z	74.00N	160.00W	3000	762	88	04:39	68	Large chunk of multiyear ice From L to M

M	0217Z	74.00N	158.00W	3000	795	33	04:47	8	End observation of multiyear ice, head to N, at some point before N, do a traffic cone profile with top altitude of 12000 ft
N	0307Z	71.00N	153.90W	3000	990	195	05:37	50	Start ascent to coast
O	0318Z	70.37N	153.10W	12000	1031	41	05:48	11	Level leg back to Fairbanks
P	0042Z	65.26N	148.31W	12000	1356	325	07:12	84	Descent to PAFA
A	0449Z	64.82N	147.86W	sfc	1385	29	07:19	7	PAFA



CALIPSO track ~2230Z



J = PABR

GMD ground site: 71.32N 156.6W

ARM ground site: 71.323N, 156.615W

Radiation IOP site: 71.325N, 156.433W

PABR: 71.285N, 156.766W

