

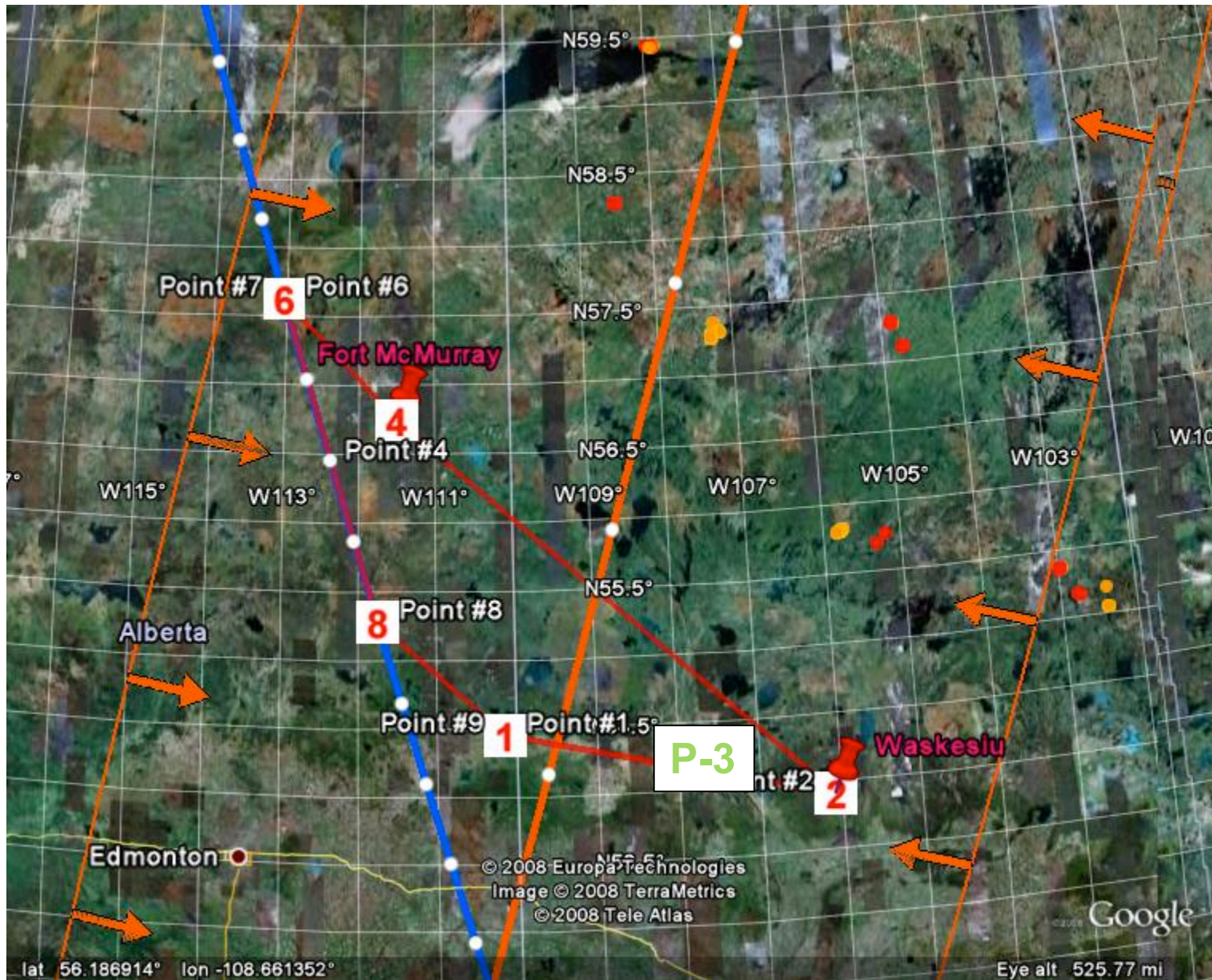
**P-3B Science Flight Plan C
To be flown Thur 3 Jul 2008**

Objectives

- 1) Waskesiu CAR circles & AERONET particle property validation & AOD comparison
- 2) Ft. McMurray CAR circles & AERONET particle property validation & AOD comparison in Terra footprints (MISR [1830 UT], MODIS, MOPITT)
- 3) CALIPSO & Aqua-OMI overpass in A-Train (~2024 UT) w B200

Note: Altitudes may change but general areas and objectives are as indicated.

WP #	Lat (+-90)	Lon (+-180)	Speed (m/s)	Delay (min)	Altitude (m)	Cum Leg T (h:m)	UTC (h:m)	Local T (h:m)	Leg T (h:m)	Dist (km)	Cum Dist (km)	Dist (nm)	Cum Dist (nm)	Speed (kt)	Altitude (kft)	Comments
1	54.460	-110.150	140	0	0	0:00	16:00	10:00	0	0	0	0	0	272	0	Take off Cold Lake
2	53.917	-106.083	140	0	0	0:33	16:33	10:33	0:33	271	271	146.4	146.43	272	0	Waskesiu
3	53.917	-106.083	140	60	0	1:33	17:33	11:33	1:00	0	271	0	146.43	272	0	Waskesiu
4	56.752	-111.476	150	0	150	2:28	18:28	12:28	0:56	464	735	250.5	396.92	292	0.49	Ft McMurray
5	56.752	-111.476	150	60	150	3:28	19:28	13:28	1:00	0	735	0	396.92	292	0.49	Ft McMurray (MISR OP 1830)
6	57.806	-113.147	140	0	0	3:45	19:45	13:45	0:18	154	889	83.28	480.2	272	0	CALIPSO track N
7	57.806	-113.147	140	30	0	4:15	20:15	14:15	0:30	0	889	0	480.2	272	0	CALIPSO track N (OP 2024)
8	55.468	-111.837	140	0	0	4:48	20:48	14:48	0:33	272	1161	146.8	626.99	272	0	CALIPSO Track S
9	54.460	-110.150	140	0	1000	5:06	21:06	15:06	0:19	155	1316	83.86	710.85	272	3.28	Land Cold Lake



Orange track: Terra Track 8, 1833 UT (MISR Df 130 UT)
 Blue track: CALIPSO Track 10, ~2024 UT.

