

ACLOUD Flight 2017 06 15

POLAR 5
Remote

Crew:	Mission PI	Mario Mech		
	AWI	Lukas Kandora	Est. Take Off:	6:45:00 LT
	SMART	Johannes Stapf		
	Eagle/Hawk	Elena Ruiz	Est. Duration:	5h 00 min
	MiRAC	Tobias Doktorwski		
	AMALi	Marek Jacob		

Waypoints:

- C1:** 81° 49.726'N, 15° 47.408'E
- C3:** 81° 47.281'N, 8° 45.536'E
- PS:** 81° 42.000'N, 10° 48.000'E
- C4:** 81° 4.021'N, 14° 40.791'E
- C6:** 81° 25.696'N, 8° 30.886'E
- C7:** 79° 27.645'N, 8° 47.979'E

Flight Plan

LYR—C1 at 10 000 ft (be at C1 8:31 LT)	250 NM @160 kn	95 min
C1—C3 at 10 000 ft (be at C2 8:46 LT colocated with P6 and CloudSat and at C3 9:01 LT)	70 NM @140 kn	30 min
C3—C4 at 10 000 ft (fly over Polarstern to be at C4 at 10:09 LT)	80 NM @140 kn	35 min
C4—C6 at 10 000 ft (be at C5 10:24 LT colocated with P6 and CloudSat and at C6 10:39 LT)	70 NM @140 kn	30 min
C6—C7 at 10 000 ft	140 NM @160 kn	55 min
C7—LYR at 10 000 ft with overpass over Ny Alesund	125 NM @fs	55 min

(option cross - pattern over Ny Alesund +20 min)

Total: **5h 00 min**

Drop sondes: 3x C1—P3 + 3x C4—C6, C7

