

ACLOUD Flight 2017 06 23

Column over Ny-Alesund

POLAR 5
Remote

Crew: Mission PI Manfred Wendisch
AWI Lukas Kandora
SMART Johannes Stapf
Eagle/Hawk Elena Ruiz
MiRAC Pavel Krobot
AMALi Marek Jacob

Est. Take Off: 12:45:00 LT

Est. Duration: 2h 54 min

Waypoints: **C1:** 78° 51.463'N, 12° 29.979'E
NyA: 78° 55.421'N, 11° 55.377'E
C2: 78° 59.624'N, 11° 18.129'E
C3: 78° 50.973'N, 11° 43.244'E
C4: 78° 59.708'N, 12° 7.988'E
C5: 78° 47.852'N, 13° 1.489'E
C6: 79° 7.637'N, 10° 0.876'E
C7: 79° 9.101'N, 10° 4.387'E
C8: 78° 49.184'N, 13° 5.509'E

Flight Plan

LYR—C1 (be at C1 at least at 10000 ft definitely above clouds) **51 NM @FS 30 min**
from here on at least 10000 ft above clouds all @ 120 kn

cross pattern:

C1-C2	16 NM 8 min
C2-C3	10 NM 5 min
C3-C4	10 NM 5 min
C4-C5	16 NM 8 min

long legs pattern (TBD twice):

C5-C6	40 NM 20 min
C6-C7	1.5 NM 2 min
C7-C8	40 NM 20 min
C8-C5	1.5 NM 2 min

C8—LYR **45 NM @fs 30 min**

dropsondes 2xC6

