**Flight Summary: Wednesday August 27, 2008**

First operations day from Sangmo-ri, newly constructed airfield exclusively for CAPMEX UAS operations. Weather: clear sky, very few small clouds over eastern horizon, wind S 10-12 kts. CPC = 8000 at ground level.

Henceforth all altitudes are MSL.

MAC-6 (aerosol radiation instruments all operational)

Take off at 14:45.

Altitude tests by Jeju Aviation authority; ordered to climb to 12000 ft MSL directly over Sangmo-ri airfield, in circular orbit of 3 miles radius. Then descended to and hold for altitude verification at 10000, 8000, 5000 and finally 3000 ft.

15:52, released from altitude test, climbed to 10000, N-S track 3 miles long, 30 minutes

16:30, at 4200, 30 minutes (to facilitate comparison with earlier flights at Jeongseok held at this altitude).

Note: during the ascend/descend of the altitude test above, CPC counts essentially unchanged between 5000-12000 ft, thus the decision to avoid 12000 but collect a Aeth filter sample at 10000, plus avoid the layers between 9000-5000 ft.

17:05, at 2000, 30 minutes

Landed at 1745PM.