Flight summary: Wednesday August 20, 2008

Weather: few low clouds, very hazy (CPC = 10,000 before takeoff), light winds NE 5-7 kt.
First aircraft took off at 3:30PM Local and landed at 6PM. Flight duration 2.5 hrs with 2hrs in stack formation.

1. MAC-3 (aerosol radiation), all instruments operational.
   Take-off at 3:30PM local
   at 3,000 ft AGL (4175 MSL). North South track, 9 miles long. 45 minutes.
   at 2,000 ft AGL (3175 MSL). 45 minutes
   at 1,000 ft AGL (2175 MSL). 45 minutes
   Landed at 6:00 PM local.

2. MAC-6 (aerosol radiation), all instruments operational.

   Take off: 3:50 PM local.
   When MAC-3 was at 3,000 ft MSL, MAC-6 was launched to 2,000 ft AGL, entered into stack formation below MAC-3.

   Before MAC-3 descended to 2,000 ft AGL, MAC-6 vacated the altitude by descending to 1,000 ft AGL, still in stack formation.

   Before MAC-3 descended to 1,000 ft AGL, MAC-6 departed from N-S track, descended to visual range (about 500ft AGL) under manual control for trim adjustments, for 15 minutes, and landed at 5:30 PM local.