Flight Summary: Tuesday August 19, 2008

Weather: no low clouds, very few low clouds, very hazy, steady surface winds SE 8-15 kt.
First aircraft took off at 3:30PM Local. Second aircraft landed at 6PM. Flight duration 2.5 hrs with 1.5 hrs in stack formation.

1. MAC-3 (aerosol radiation), all instruments operational.

Take off at 3:40PM local.
JAO gave permission to climb to 5,000 ft MSL, then 8,000 ft MSL then 10,000 ft MSL. This was in effect an aerosol profile from 1175 ft (ground) to 10,000 ft MSL. This ascend/climb took 20 minutes then MAC-3 descended back to Jeongseok exclusive airspace or 3000 AGL altitude. (From 5,000 ft to 10,000ft, MAC-3 was climbing but followed the regular N-S track, 9 miles long and in stack formation with MAC-6, see below.)

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). 30 minutes
Landed at 6:00 PM local.

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

Take off: 3:55 PM local.
When MAC-3 was at 5,000 ft MSL, MAC-6 was launched to 3,000 ft AGL, entered into stack formation below MAC-3.

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

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.
Landed at 5:30 PM local.