

NASA B200/MILAGRO-5 Flight Summary

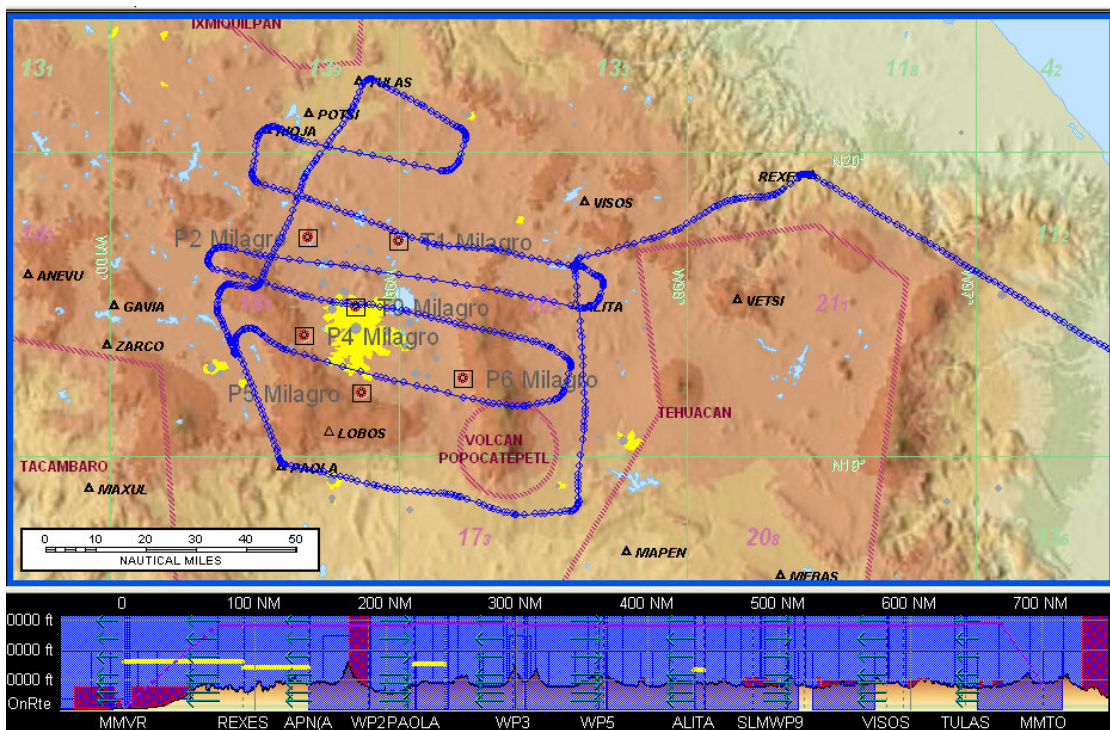
9 March 2006

Flight A

Goals

- Raster pattern over the Mexico City basin and region north of the basin to characterize aerosol distribution and predicted outflow to the north.
- Overflight of G1 plan “P” stacked/wall patterns to acquire coincident remote and in situ observations
- This was the first of a two-flight day to characterize the MC basin and outflow in the morning and afternoon.

Intended Flight Plan



Flight Operations

Take off: 0854 UT
Landing: 1207 UT

Flight proceeded according to plan. The B200 overflew the G1 patterns and radioed layer height information to the G1 to allow them to adjust the altitudes of the G1 stacked/wall patterns. Northernmost transect from west to east was cut short due to low fuel. The B200 landed in Toluca to refuel for the afternoon flight.

Lidar data images from this flight will soon be posted to the Research Products section of the MILAGRO Field Catalog.

Instrument Status

The HSRL and HySPAR instruments functioned nominally. The LAABS instrument locked up a few times during the flight and had to be restarted.