

Flight Scientists: Eric Jensen, Jay Mace

Sortie: TBD

Pilot: Bill Brocket

Takeoff (SJO) 1230 UTC

Landing (SJO) 2030 UTC

Duration: 8 hours

Objectives:

1. Profile inflow aerosol and cirrus outflow of marine convection in the ITCZ in coordination with the ER2 for Cloudsat and Calipso validation objectives.
2. Sample convective cloud systems at many levels between the boundary layer and maximum altitude.
3. Observations (LIDAR) along the Cloudsat and Calipso track to observe aerosol properties
4. Sample clouds along the Cloudsat track.

