



Flight Objectives for Alpha Jet Atmospheric eXperiment (AJAX)

CABOTS: in support of CARB's California Baseline Ozone Transport Study (Summer 2016)

CentralValley: boundary layer measurements in California's Central Valley

DAQ: focused on the boundary layer over Central California during DISCOVER-AQ field campaign (Jan-Feb 2013)

Fire: sampling influenced by one or more fires, usually wildfires

O&G: sampling over known oil and/or gas infrastructure

Offshore: sampling off the California coast, does not include a vertical profile

On/Off: at least one vertical profile over land and at least one offshore (>5 km)

Profile: spiral vertical profile from ~ 8 km to surface

RRV: vertical profile over Railroad Valley, NV (elev. ~1.4 km), usually coordinated with GOSAT overpass

SanBernardinoWestMojave: Boundary layer measurements in the San Bernardino Mountains and/or west Mojave desert regions.

SFBayArea : boundary layer measurements In the San Francisco Bay Area

TCCON: vertical profile over TCCON instrument at NASA's Armstrong Flight Research Center (formerly Dryden)

THD: vertical profile near Trinidad Head observatory, usually coordinated with NOAA ozonesonde

UrbanOutflow: boundary layer measurements around Sacramento, CA

VPocean: vertical profile over ocean, with top altitude > ~5 km

