Mission scientist report  RICO December 8, 2004

Flight RF02 C-130 (7 December 2004)
C-130 Flight Scientists: Lenschow/Ochs
King Air: Grounded due to Air Conditioning Problem

General Comments: This mission consisted of a short flight to perform maneuvers to test the C-130 instrumentation and to do an intercomparison with the King Air. The King Air had a network problem and did not fly. The C-130 only did maneuvers.

Time in UTC
14:15 takeoff from Antigua
14:18 cloud base at about 2000'
14:40 rapid ascents and descents through cloud base followed by slow ascents and descents
14:57 horizontal legs parallel (260 deg.) and normal to the wind 10 minute duration for each leg
15:39 start standard (Lenschow) maneuvers; first maneuver is reverse heading
15:49 pitching maneuver
16:00 start descent into Antigua
16:23 touchdown
RF002: Flight track

RF002 Flight Profile
RICO, Flight #rf02
12/08/2004, 14:09:04-16:25:00

RF002 Cloud Penetrations