

General Information

Flight date – 02 FEB 04

Flight description – Flight #8, Pre-AVE mission, Ferry from Costa Rica to EFD

Flight Duration – 5.0 hours.

Crew – Bill Ehrenstrom and Brian Barnett

Flight Log

Before Taxi	15:05
Take off	15 :14
Landing	20 :14

Gear extension/retractions

Gear Up	15 :14
Gear Down	19:38:43

Weather Observations

- No clouds were penetrated during flight. We flew closely over some pretty big storm clouds flying at FL 460, at 18:52.
- At 18:57, we needed to climb to clear storm clouds that were topping out around FL 520.
- At 19:05, we were over the storm cells and blow off, at FL 540.

Flight Profile

- After takeoff, we climbed to FL 580, arriving there at 15:51. We flew a 20 minute leg, and started a descent at 16:13.
- We arrived at FL 460 at 16:19. We flew for 20 minutes and started a climb at 16:39.
- We arrived at FL 580 at 16:56. We started a spiral descent at 17:17.
- We observed contrail at ~FL 550. We started to level off to intercept, and had a flameout on the #1 engine.
- We dropped down to FL 400 to attempt the relight, and finally got it lit.
- We started a climb from FL 400 to FL 460 at 17:47. We arrived at FL 460 at 17:50.
- We climbed to FL 580 at 18:57, and arrived at FL 580 at 19:16.
- We started final descent at 19:26.

Instrument Failures/Notes/Times

- Water vapor failed immediately after starting up. I waited until after takeoff checklists were complete to run the fail sequence. Water Vapor OFF – 15:22, ON – 15:24:10. Worked fine the rest of the flight.
- The MTP display went abnormal at 16:35. (I have a picture of the display). MTP OFF – 16:36:15, ON – 16:37:20. Worked fine the rest of the flight.
- VIPS fail at 19:19, OFF – 19:27:30, ON – 19:28:00. Worked fine the rest of the flight.
- ALIAS fail light noticed on at 19:49. It was not reset due to the proximity of landing.