
Aircrew: Andrew Roberts and Brian Barnett
Duration: 5.4 hrs

Takeoff: 11:04
Gear Up: 11:04
Gear Down: 16:04
Landing: 16:11

Point A: N29º 51.6’ W89º 15.0’
Point B: N22º 01.8’ W87º 19.2’
Point C: N25º 02.4’ W88º 02.4’

Flight Profile:
- We took off and briefly flew through a broken layer at 3,000’.
- We had absolutely horrible ATC handling, and were forced to level off at FL 090, 150, 210, 220, and 230 totally more than 20 minutes.
- At 11:27, we were finally cleared up to FL 570, flying over several broken layers.
- At 12:01, we were at FL 565 at Point A, and turned south flying over a low scattered layer. There was no cirrus at any altitude.
- At 12:38 we arrived at Point C flying at FL 570 over a low scattered layer.
- At 12:50, we started a climb up to FL 590. We leveled off at FL 590 at 12:57, which put us 55 miles north of Point B.
- At 13:00, we started a left turn back to the north, 36 miles north of Point B.
- By 13:05, we were on the satellite track flying north, FL 590, over a low scattered layer.
- At 13:18, satellite overhead, we were still flying over a low scattered layer. This continued for the 15-minute leg after the overpass.
- At 13:42, we started our spiral down using spoilers, and decided for fuel concerns not to stop at any altitudes on the way down. We were still over flying a scattered layer that gave ~20% ocean coverage.
- ATC made us level off at FL 430 at 13:49. The spoilers were closed.
- At 13:54, we experienced compressor stalls on the left engine, which vibrates the aircraft some, but not violently.
- At 13:55, we continued our descent down to FL 250 using spoilers.
- We arrived at FL 250 at 14:06 and flew straight and level for 1 minute.
- At 14:09, we started a spiral up to FL 290, as ATC would not give us FL 300. We leveled off at 14:14 for 1 minute and then continued up.
- At FL 350, we leveled off for 1 minute at 14:19, and continued up.
- At 14:24, we experienced more compressor stalls on the left engine, again vibrating the aircraft.
- At FL 400 we leveled off for 1 minute at 14:25.
- We leveled off at FL 450 at 14:32, FL 500 at 14:38, and FL 550 at 14:46.
- We then continued our climb up to FL 590 heading north toward Point A.
- We arrived at Point A at 15:04, FL 590 and turned toward the west.
Once we completed the turn, we started a zoom climb at 15:06, reaching FL 610, and holding that altitude for 1 minute. Due to our compressor stalls occurring at slow speeds, we opted to slowly descend to build our airspeed back up.

At 15:31, we started our final descent using spoilers, and landed at 16:11.

**Instrument Issues:**

- At the end of flight, Upper failed again at 15:50 at FL 140. Due to our proximity to the ground, I did not try to reset.
- I manually reset both Upper and Lower at 13:45 and 15:14.

- **SHIS Sound** – failed during the descent at 14:04. I reset at 14:05.
- SHIS Sound – failed during the final descent at 15:35. I reset at 15:55 when the ride smoothed out some.