

RECORD OF CONVERSATION

Aerospace Engineer- Powerplants Office of Aviation Safety (AS-40) Washington, DC

Date: January 9, 2014

Location: Spirit Airlines Headquarters- Miramar, FL

NTSB Investigation Number: ENG14IA001

Interviewees-

Other Parties Present:

Narrative:

An interview was conducted with the Spirit Airlines Flight 165 crew in order to better understand the series of events during the incident flight on October 15, 2013. In the time since the event, the digital flight data recorder parameters have been plotted and the No. 1 engine has been disassembled.

stated that following takeoff there was mild to moderate turbulence as they navigated around storms. As the airplane reached FL195 a noticeable vibration was felt in the cockpit and throughout the cabin that progressively intensified. Shortly after the start of the vibration the ECAM displayed an EPR mode fault. then stated "I pushed to level off the V/S push button on the FCU but I realized the autopilot had been disconnected and there was no FMA AP1 or AP2 indications, and no other noticeable audible cavalry charge, or red warning "AUTOPILOT AP OFF" or flashing red master warning. I attempted to reengaged autopilot (AP1), then I bid for autopilot2 (AP2) by pressing the corresponding push button on the FCU, but again to no avail." stated that she was aware that autothrust had disconnected because losing EPR mode fault causes that but was unaware that autopilot had disconnected until much later in the flight due a lack of audible or visible indications.

