

Report says MH17 downed by outside impacts

Malaysia Airlines Flight 17 was likely struck by multiple “high-energy objects from outside the aircraft,” causing it to break up over eastern Ukraine, according to a preliminary report by Dutch investigators

SUMMARY OF FINDINGS

■ **Crew:** Properly licensed, with valid medical certificates

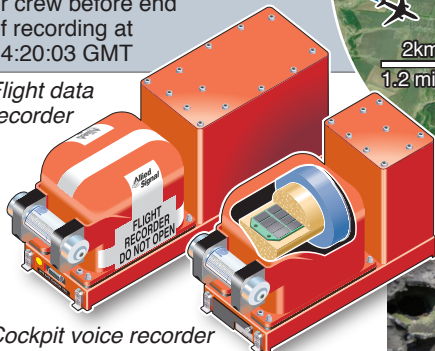
■ **Aircraft:** In airworthy condition on departure from Amsterdam’s Schiphol Airport, with no known technical malfunctions

Malaysia Airlines Boeing 777

■ **Cockpit voice recorder and flight data recorder**

No evidence of manipulation. No indications of technical or operational issues with aircraft or crew before end of recording at 14:20:03 GMT

Flight data recorder



Cockpit voice recorder

■ **Air traffic control (ATC)**

MH17 flying in unrestricted airspace – following route and flying at altitude cleared by ATC – when flight data recording ended. Last transmission from crew occurred at 14:19:59 GMT. ATC received no distress message



Amsterdam

MH17 took off at 10:15 GMT, July 17, with 298 passengers and crew aboard

Last contact
14:20 GMT



● **Wreckage:** Debris strewn over large area, indicating aircraft broke up in mid-air



■ **Damage:** Forward section appears to show high-velocity impacts from outside aircraft. Evidence could be consistent with plane being hit by shrapnel from missile