

How black boxes reconstruct a crash

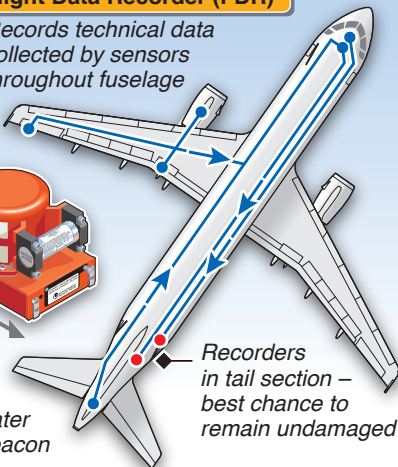
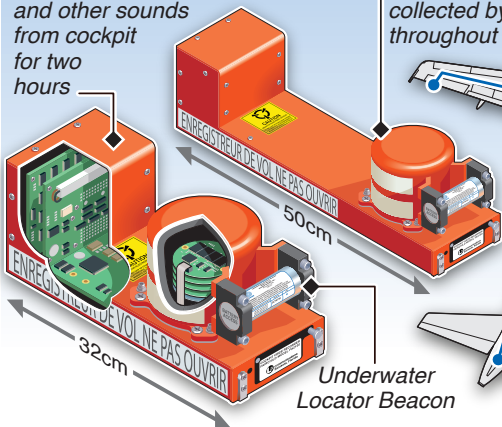
Data from an aircraft's so-called "black boxes" are used to generate computer video reconstructions of flight so that accident investigators can visualise how a plane was handling before a crash

Cockpit Voice Recorder (CVR)

Records voices of pilots and other sounds from cockpit for two hours

Flight Data Recorder (FDR)

Records technical data collected by sensors throughout fuselage



Primary Flight Display: Shows "big-five" flight instruments – artificial horizon, airspeed in knots, altimeter in feet above sea level, vertical speed in feet per minute, and compass heading

Navigation Display: Weather radar, route plan, and aircraft systems data such as fuel, engine power and state of electrical systems

