

# F-35 Lightning II glitch list

**1 Roll port nozzles:** F-35B jump-jet uses engine bleed air to control roll during low speed and hover. Actuators in wings that rotate nozzles overheat, limiting time aircraft can fly at speeds below 100km/h

**2 Driveshaft:** Unacceptable levels of compression and expansion

**3 Lift-fan clutch:** Clutch plates touch – friction generates excessive heat that exceeds temperature limit

**4 Auxiliary inlet doors:** Hinge system unreliable above 460km/h

**5 Bulkhead 496:** Cracks found in load-bearing alloy bulkhead

**6 Cockpit:** Large headrest impedes rear visibility

**7 Flaky skin:** Stealth coating peels off horizontal tail surfaces at maximum speed of Mach 1.6 (1,960km/h)

**8 Fuel tanks:** Threat of lightning-induced fuel system explosions leads to ban on flights within 40km of thunderstorms

**9 Vertical lift bring-back (VLBB):** Increased weight of F-35B results in insufficient thrust to land vertically without having to jettison weapons or fuel

**10 Helmet-mounted display:** Problems with night vision, delays in displaying data, jitter, flickering, and green glow at visor's edges

