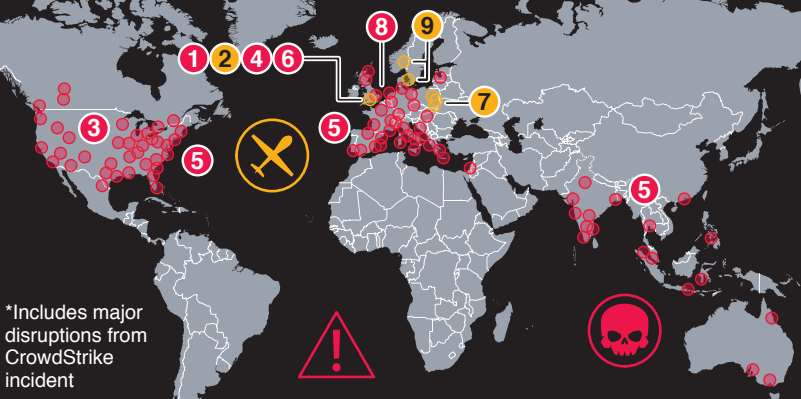


# Hacking and drones test aviation security

A hack hitting major airports across Europe followed by drone incursions in Copenhagen and Oslo have highlighted vulnerabilities in aviation infrastructure and security

● Airports affected by technical issues\* ● Drone sightings/incursions



\*Includes major disruptions from CrowdStrike incident

**1 May 2017:** IT failure at **British Airways** data centre forces airline to cancel all flights from **London Heathrow** and **Gatwick** airports on holiday weekend. Some 75,000 passengers affected

**2 Dec 2018:** Roughly 140,000 travellers disrupted after multiple drone sightings cripple **Gatwick** airport for three days in run up to Christmas

**3 Jan 11, 2023:** **Federal Aviation Administration** orders nationwide ground stop following safety system outage. More than 11,000 U.S. flights affected

**4 Aug 28:** Hundreds of UK flights delayed or cancelled after technical glitch at **National Air Traffic Services** meant flight plans had to be processed manually

**5 Jul 19, 2024:** Faulty software update by global cybersecurity firm **CrowdStrike** causes widespread **Windows** crashes, grounding over 5,000 flights worldwide

**6 Mar 21, 2025:** Substation fire shuts down **Heathrow** airport, stranding over 200,000 people

**7 Sep 10:** Several Polish airports temporarily closed by suspected Russian drone incursion

**8 Sep 20:** Cyberattack targets check-in and boarding systems provider **Collins Aerospace**, disrupting operations at **Heathrow**, **Berlin** and **Brussels** airports

**9 Sep 22:** Drone incursions force authorities in Denmark and Norway to temporarily close **Copenhagen** and **Oslo** airports