On March 8, 2014, Malaysia Airlines Flight MH370 took off from Kuala Lumpur heading for Beijing, China. The aircraft had 239 passengers and crew aboard. Less than 1 hour into the flight, communication and radar contact was lost with the aircraft. Forty-nine days later, the location and fate of the aircraft is still unknown despite a massive international effort to locate the missing airliner. The search effort has dominated the news for the last month and the question is still out there: how, with today’s technology, can an entire aircraft go missing?