

A Sentinel R.MK 1 surveillance aircraft is shown at night on a tarmac. The aircraft is white with a large radar dome on top of the fuselage. The cockpit windows are illuminated from within. Ground crew members wearing high-visibility yellow vests are visible around the aircraft, some near the open cabin door. The background shows a dark sky with some distant lights.

SENTINEL R.MK 1

The world's most advanced overland wide area surveillance aircraft

Raytheon

TEN SENTINEL FACTS

- 2002: Raytheon modifies first Global Express; May 2004: ASTOR system installed
- November 2008: Royal Air Force (RAF) No.5 (AC) Squadron flies first operational mission
- Sentinel becomes RAF's most in-demand, continuously deployed ISTAR asset
- 2008-current: 31,000+ flying hours on allied/coalition international operations including Libya, Mali, Afghanistan, Syria, Iraq and NATO-led humanitarian missions
- 2014: Sentinel deployed to assess UK flood damage and help locate the Nigerian schoolgirls kidnapped by Boko Haram
- In 2018, RAF No.5 (AC) Squadron awarded the Dacre Trophy, for the best Operational Squadron in No 1 Group.
- Raytheon UK has delivered 127,838 hours of training to 1,200+ MOD personnel on Sentinel aircraft operations, RADAR imagery, GMTI analysis and ISR systems and aircraft maintenance
- Raytheon UK's 400 highly-skilled engineers and systems integrators provide on-site in-service support/fleet maintenance at the Broughton ISR facility and RAF Waddington
- Sentinel's economic impact: supports 300+ skilled UK aerospace workers and 200 UK suppliers, including 75 SMEs
- Current out-of-service date: March 2021

"The in-demand Sentinel has been vital in locating Daesh and cutting off their lines of escape as the caliphate collapsed" *Air Commodore Justin Reuter, AOC 83 AEG (Air & Power Space Conference 17 July 2019)*