F-35B Lightning II - 2027, Meteor

United Kingdom

Type: Multirole (Fighter/Attack)

Min Speed: 350 kt

Max Speed: 920 kt

Commissioned: 2027

Length: 15.7 m

Wingspan: 13.1 m

Height: 4.54 m

Crew: 1

Empty Weight: 14700 kg

Max Weight: 27300 kg

Max Payload: 6810 kg

Propulsion: 1x F135-PW-100

Sensors / EW: - AN/ASQ-239 Barracuda - (F-35) ESM, ELINT, Max range: 926 km
- AN/APG-81 AESA - (F-35, LPI) Radar, Radar, FCR, Air-to-Air & Air-to-Surface, Long-Range, Max range: 370.4 km
- AN/AAQ-37 EO-DAS - (F-35) Infrared, Infrared, Day/Night Spherical Situational Awareness & Fire Control, Max range: 111.1 km
- AN/AAQ-40 EOTS [Laser Designator] - (F-35) Laser Designator, Laser Target Designator & Ranger (LTD/R), Max range: 27.8 km
- AN/AAQ-40 EOTS [IRST] - (F-35) Infrared, Infrared, Navigation / Attack Camera & Air-to-Air Tracking, Max range: 185.2 km
- AN/AAQ-37 EO-DAS MAWS - (F-35) Infrared, MAWS, Missile Approach Warning System, Max range: 9.3 km
- AN/APG-81 OECM - (F-35, AN/APG-81 Export) ECM, OECM, Offensive ECM, Max range: 0 km

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Weapons / Loadouts:
- Meteor - (2016) Guided Weapon. Air Max: 185.2 km.
- AIM-132A ASRAAM - Guided Weapon. Air Max: 46.3 km.
- 25mm GAU-22/A Equalizer Burst [30 rnds] - (Aircraft, F-35) Gun. Air Max: 1.5 km. Surface Max: 1.9 km. Land Max: 2.8 km.
- Paveway IV [Mk82] - (2006) Guided Weapon. Surface Max: 27.8 km. Land Max: 27.8 km.
- SPEAR 3 - (2019) Guided Weapon. Surface Max: 148.2 km. Land Max: 148.2 km.
- SPEAR EW - (2021, Jammer Decoy) Decoy (Vehicle). Surface Max: 444.5 km. Land Max: 444.5 km.