

F-35I Lightning II [Adir] - 2025, AIM-120C-7, Block 4

Israel

Type: Multirole (Fighter/Attack)

Min Speed: 350 kt

Max Speed: 920 kt

Commissioned: 2025

Length: 15.67 m

Wingspan: 10.7 m

Height: 4.33 m

Crew: 1

Empty Weight: 13300 kg

Max Weight: 31800 kg

Max Payload: 6810 kg

Propulsion: 1x F135-PW-100

Sensors / EW: - AN/ASQ-239 Barracuda - (F-35 Block 4) 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

Weapons / Loadouts:

- Python 5 - (2005) Guided Weapon. Air Max: 27.8 km.

- AIM-120C-7 AMRAAM P3I.3 - (2007) Guided Weapon. Air Max: 120.4 km.

- Griffin LGB [Mk84] - (Israel, 1995) Guided Weapon. Surface Max: 11.1 km. Land Max: 11.1 km.

- Griffin LGB [Mk82] - (Israel, 1995) Guided Weapon. Surface Max: 11.1 km. Land Max: 11.1 km.

- GBU-31(V)1/B JDAM [Mk84] - (USAF, 1999) Guided Weapon. Land Max: 24.1 km.

- Opher [Mk82] - (1993, Anti-tank) Guided Weapon. Surface Max: 3.7 km. Land Max: 3.7 km.

- SPICE 1000 GPS/EO [Mk83] - (Israel, 2005) Guided Weapon. Surface Max: 74.1 km. Land Max: 74.1 km.

- SPICE 2000 GPS/EO [Mk84] - (Israel, 2003) Guided Weapon. Surface Max: 64.8 km. Land Max: 64.8 km.

- GBU-38(V)1/B JDAM [Mk82] - (USAF, 2004) Guided Weapon. Land Max: 24.1 km.

- GBU-54(V)1/B LJDAM [Mk82] - (USAF, 2008) Guided Weapon. Surface Max: 24.1 km. Land Max: 24.1 km.

- GBU-38(V)1/B JDAM [MPR-500 Penetrator] - (Israel, 2012) Guided Weapon. Land Max: 22.2 km.

- GBU-54(V)1/B LJDAM [MPR-500 Penetrator] - (Israel, 2012) Guided Weapon. Surface Max: 24.1 km. Land Max: 24.1 km.

- Griffin LGB [MPR-500 Penetrator] - (Israel, 2012?) Guided Weapon. Surface Max: 11.1 km. Land Max: 11.1 km.

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- SPICE 250 GPS/EO - (Israel, 2015) Guided Weapon. Surface Max: 101.9 km. Land Max: 101.9 km.
- 370 USG Drop Tank - Drop Tank.
- Rampage - (Air launched EXTRA [MARS]) Guided Weapon. Surface Max: 120.4 km. Land Max: 166.7 km.
- GBU-12D/B Paveway II LGB [Mk82] - Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.
- GBU-49/B Paveway II GPS/LGB [Mk82] - Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.
- GBU-31(V)3/B JDAM [BLU-109/B] - (USAF) Guided Weapon. Land Max: 24.1 km.