

Rafale B - 2020, F3R

India

Type: Multirole (Fighter/Attack)

Min Speed: 350 kt

Max Speed: 920 kt

Commissioned: 2020

Length: 15.3 m

Wingspan: 10.8 m

Height: 5.28 m

Crew: 2

Empty Weight: 9500 kg

Max Weight: 24500 kg

Max Payload: 0 kg

Propulsion: 2x SNECMA M88-9

Sensors / EW: - SPECTRA [RWR/ELINT, F3R Std] - ESM, ELINT, Max range: 222.2 km

- SPECTRA [DECM, F3R Std] - ECM, DECM, Defensive ECM, Max range: 0 km

- OSF-IT [CCD] - (Rafale, FSO-IT) Visual, LLTV, Attack, Max range: 55.6 km

- DDM-NG - (2013, Rafale F3) Infrared, MAWS, Missile Approach Warning System & Infrared Spherical Situational Awareness, Max range: 27.8 km

- SPECTRA [LWR, F3R Std] - (2013, Rafale F3) ESM, LWR, Laser Warning Receiver, Max range: 11.1 km

- RBE-2AA AESA - (LPI) Radar, Radar, FCR, Air-to-Air & Air-to-Surface, Medium-Range, Max range: 259.3 km

- AN/AVS-9 Night Vision Goggles - (LPI) Visual, LLTV, Night Vision Goggles (NVG), Max range: 27.8 km

- OSF-IT [Laser Rangefinder] - (LPI) Laser Rangefinder, Laser Rangefinder, Max range: 7.4 km

- OSF-IT [FLIR /IRST] - (Rafale F3R Re-Introduction, FSO-IT) Infrared, Infrared, Navigation / Attack FLIR & Air-to-Air Tracking, Max range: 185.2 km

Weapons / Loadouts:

- SCALP EG - (2004, Storm Shadow) Guided Weapon. Land Max: 398.2 km.

- 2000 liter Drop Tank - Drop Tank.

- MICA IR - Guided Weapon. Air Max: 83.3 km.

- Meteor - (2016) Guided Weapon. Air Max: 138.9 km.

- MICA EM - (2000) Guided Weapon. Air Max: 83.3 km.

- AN/AAQ-33 Sniper XR Pod [FLIR + LRMTS, 40k ft] - (2005) Sensor Pod.

- SPICE 250 - (Israel, 2015, Glide bomb) Guided Weapon. Surface Max: 100 km. Land Max: 100 km.

- AM.39 Exocet Blk II - (1995) Guided Weapon. Surface Max: 66.7 km.

- 1250 liter Drop Tank - Drop Tank.