Rafale M - 2013, F3

France

Type: Multirole (Fighter/Attack)

Min Speed: 350 kt

Max Speed: 920 kt

Commissioned: 2013

Length: 15.3 m

Wingspan: 10.8 m

Height: 5.28 m

Crew: 1

Empty Weight: 10196 kg

Max Weight: 22200 kg

Max Payload: 0 kg

Propulsion: 2x SNECMA M88-2/3/4

Sensors / EW: - SPECTRA [RWR/ELINT, F3 Std] - ESM, ELINT, Max range: 222.2 km
- SPECTRA [DECM, F3 Std] - ECM, DECM, Defensive ECM, Max range: 0 km
- OSF [FLIR / IRST] - (Rafale) Infrared, Infrared, Navigation / Attack Camera & Air-to-Air Tracking, Max range: 185.2 km
- OSF [CCD] - (Rafale) Visual, LLTV, Attack, Max range: 55.6 km
- SPECTRA [LWR, F3 Std] - (Rafale) ESM, LWR, Laser Warning Receiver, Max range: 11.1 km
- RBE-2 PESA - (LPI) Radar, Radar, FCR, Air-to-Air & Air-to-Surface, Medium-Range, Max range: 185.2 km
- AN/AVS-9 Night Vision Goggles - (LPI) Visual, LLTV, Night Vision Goggles (NVG), Max range: 27.8 km
- DDM - (2007, Rafale F2) Infrared, MAWS, Missile Approach Warning System, Max range: 9.3 km
- OSF [Laser Rangefinder] - (2007, Rafale F2) Laser Rangefinder, Laser Rangefinder, Max range: 7.4 km

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Weapons / Loadouts:
- Damocles LDP Pod [FLIR + LRMTS, 40k ft] - Sensor Pod.
- 2000 liter Drop Tank - Drop Tank.
- SBU-54 AASM/M [Hammer, Mk82, GPS + IIR] - (2011, Tested 2009, Combat Use 2011) Guided Weapon. Surface Max: 64.8 km. Land Max: 64.8 km.
- MICA IR - Guided Weapon. Air Max: 83.3 km.
- MICA EM - (2000) Guided Weapon. Air Max: 83.3 km.
- AM.39 Exocet Blk II - (1995) Guided Weapon. Surface Max: 66.7 km.
- ASMP-A [300kT Nuclear] - (2010) Guided Weapon. Land Max: 398.2 km.
- GBU-12D/B Paveway II LGB [Mk82] - Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.
- SCALP EG - (2004, Storm Shadow) Guided Weapon. Land Max: 398.2 km.
- SBU-38 AASM/D [Hammer, Mk82, GPS-Only] - (2007) Guided Weapon. Land Max: 64.8 km.
- 1250 liter Drop Tank - Drop Tank.
- SBU-64 AASM/M [Hammer, Mk82, GPS + SALH] - (2013) Guided Weapon. Surface Max: 64.8 km. Land Max: 64.8 km.

- AREOS Recon Pod [IR] - (2012) Sensor Pod.
- Generic Buddy Store - Buddy Store.
- GBU-22/B Paveway III LGB [Mk82] - Guided Weapon. Surface Max: 14.8 km. Land Max: 14.8 km.