

Tu-22M-3M Backfire C - 2021, Modernized

Russia [1992-]

Type: Bomber

Min Speed: 400 kt

Max Speed: 920 kt

Commissioned: 2021

Length: 42.5 m

Wingspan: 34.3 m

Height: 11.1 m

Crew: 4

Empty Weight: 54000 kg

Max Weight: 124000 kg

Max Payload: 24000 kg

Propulsion: 2x NK-32-02

Sensors / EW: - Avtomat 2/3 - (Tu-22M-2/3) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km

- Bomb Sight [ST-22-1] - (Tu-22M3) Visual, Visual, Bomb Sight, Max range: 3.7 km

- L-082 Mak-UL - (BKO-2 Karpaty EW Suite) Infrared, MAWS, Missile Approach Warning System, Max range: 9.3 km

- DECM [Baykal] - (Tu-160) ECM, DECM, Defensive ECM, Max range: 0 km

- Mak MAWS [Baykal] - (Tu-160) Infrared, MAWS, Missile Approach Warning System, Max range: 9.3 km

- RWR [Baykal] - (Tu-160) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km

- MV-45 - (Tu-22M-3M) Radar, Radar, FCR, Air-to-Surface, Long-Range, Max range: 444.5 km

Weapons / Loadouts:

- AS-4 Kitchen D [Kh-32] - (Tu-22M-3M) Guided Weapon. Surface Max: 1000.1 km. Land Max: 1000.1 km.

- SAP-518 OECM Pod - Sensor Pod.

- FAB-1500M-54 GPB - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- FAB-250M-54 GPB - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- FAB-3000M-46 GPB - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- FAB-500M-54 GPB - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- Mine [Bottom, Acoustic Narrow-Band Fuze & Target Discrimination] - (Advanced) Bottom Mine.

- OFAB-100-120 Frag - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- OFAB-250-270 Frag - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- RN-40 Tactical Bomb [30kT Nuclear] - (Russia, 8U-64, MiG-23, MiG-27, MiG-29 (9-12)) Bomb. Surface Max: 5.6 km. Land Max: 5.6 km.

- RN-42 Strategic Bomb [200kT Nuclear] - (Russia) Bomb. Surface Max: 5.6 km. Land Max: 5.6 km.

- AS-24 Killjoy [Kh-47M2 Kinzhal, 700kg HE Penetrator] - (2019) Guided Weapon. Surface Max: 2222.4 km. Land Max: 2222.4 km.

- AS-16 Kickback [Kh-15, Conventional] - Guided Weapon. Land Max: 148.2 km.

- AS-16 Kickback [Kh-15, 350kT Nuclear] - Guided Weapon. Land Max: 148.2 km.

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- AS-16 Kickback [Kh-15S] - (Kh-15A, ASuW) Guided Weapon. Surface Max: 148.2 km.
- AS-16 Kickback [Kh-15P] - (ARM) Guided Weapon. Surface Max: 148.2 km. Land Max: 148.2 km.
- AS-4 Kitchen B Mod 2 [Kh-22MA INS+TERCOM] - (1976, Tu-22M-2, Tu-22KD) Guided Weapon. Land Max: 555.6 km.
- AS-4 Kitchen B Mod 3 [Kh-22NA INS+TERCOM] - (1983? Tu-22M-2/3) Guided Weapon. Land Max: 555.6 km.