

## F-16V Blk 70/72 Falcon - 2022, AN/APG-83, 85x ordered

### Bulgaria

Type: Multirole (Fighter/Attack)

Min Speed: 350 kt

Max Speed: 920 kt

Commissioned: 2022

Length: 14.5 m

Wingspan: 9.5 m

Height: 4.8 m

Crew: 1

Empty Weight: 8715 kg

Max Weight: 19200 kg

Max Payload: 6894 kg

Propulsion: 1x F110-GE-129

Sensors / EW: - AN/APG-83 SABR AESA - (F-16, LPI) Radar, Radar, FCR, Air-to-Air & Air-to-Surface, Long-Range, Max range: 296.3 km

- AN/ALR-93(V)1 - (F-16, LPI) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km

- AN/ALQ-187 I-DIAS - (Internal AN/ALQ-184) ECM, DECM, Defensive ECM, Max range: 0 km

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### Weapons / Loadouts:

- AIM-2000A IRIS-T - (2007) Guided Weapon. Air Max: 27.8 km.

- 370 USG Drop Tank - Drop Tank.

- 500 USG Conformal Tank - Drop Tank.

- AIM-120C-7 AMRAAM P3I.3 - (2007) Guided Weapon. Air Max: 111.1 km.

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

- AN/AAQ-13 LANTIRN Pod [FLIR + TFR] - Sensor Pod.

- 300 USG Drop Tank - Drop Tank.

- AGM-65G Maverick IR - (1991) Guided Weapon. Surface Max: 14.8 km. Land Max: 14.8 km.

- AGM-88B HARM - (1990) Guided Weapon. Surface Max: 129.6 km. Land Max: 129.6 km.

- DWS.39 AFDS [24 x STABO] - (2002, BK 90 Mjolner) Guided Weapon. Land Max: 14.8 km.

- GBU-24A/B Paveway III LGB [BLU-109/B] - (USAF) Guided Weapon. Surface Max: 14.8 km. Land Max: 14.8 km.

- Mk82 500lb LDGP - (1954) Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- Mk84 2000lb LDGP - (1955) Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- Mk20 Rockeye II CB [247 x Mk118 Dual Purpose Bomblets] - (1969, Mk7 Dispenser) Bomb. Surface Max: 1.9 km.

Land Max: 1.9 km.

- AGM-65B Maverick EO - (1976) Guided Weapon. Surface Max: 11.1 km. Land Max: 11.1 km.

- GBU-24E/B Paveway III GPS/LGB [BLU-109A/B] - (USN, 2001) Guided Weapon. Surface Max: 14.8 km. Land Max: 14.8 km.

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

- GBU-31(V)3/B JDAM [BLU-109/B] - (USAF) Guided Weapon. Land Max: 24.1 km.

## **F-16V Blk 70/72 Falcon - 2022, AN/APG-83, 85x ordered**

- AGM-154C JSOW [BROACH] - (2004) Guided Weapon. Surface Max: 83.3 km. Land Max: 83.3 km.
- GBU-10E/B Paveway II LGB [Mk84] - (USAF) Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 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.
- 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.
- DB-110 Recon Pod [IR] - (RAPTOR) Sensor Pod.