



## Su-32

### Mission

The Su-32 fighter-bomber is a two-seat multifunctional aircraft designed for all-weather and round-the-clock engagement of ground and surface targets at considerable distances from home bases using precision-guided weapons as well as air targets in an intense enemy counter-fire and ECM environment.

The Su-32 is capable of effectively accomplishing the following combat tasks: high precision strikes against air, air defense, ground and sea targets, destruction of military-economic, military and government installations, air target interception, air reconnaissance and electronic warfare.

### Equipment

Su-32's open architecture avionics suite uses multiplexed information exchange links and includes: a single information management system, a phased array radar, an electro-optical sighting and navigation system, an armament control system, a laser sighting station as well as communications, monitoring, recording, ELINT and ECM equipment.

### Armament

The Su-32 offers a powerful mix of armaments, which includes supersonic air-to-ship and air-to-radar missiles, general-purpose long-, medium- and short-range missiles with TV, laser and active seekers, guided and conventional air bombs, unguided rockets, an internal 30mm gun, as well as short- and medium-range air-to-air missiles with thermal, passive, semi-active and active seekers.

### Main benefits

- round-the-clock and all-weather capability;
- precision and selective engagement of all types of ground and surface targets, including small-sized and mobile ones, at large distances from home bases;
- capability to effectively conduct combat missions without fighter escort and in an ECM environment;
- capability to perform strike missions at a large distance in a low-altitude flight mode with terrain following;
- capability to provide ECCM for aircraft groups flying in formations;
- high flight safety and combat survivability;
- independent stationing and operation capability.

Características básicas:



- Takeoff weight normal in attack version (3,000 kg bomb load, 2xRVV-AE + 2xR-73E, 11,400 kg fuel load), kg: 39260
- AL-31F engine, thrust in full afterburner, kgf: 2x12500
- Max internal fuel load, kg: 11400
- Max weapon load, kg: 8000
- Number of hardpoints: 12
- Service ceiling (w/o external payload), km: 15,7
- Max flight range (6xFAB-500, 2xRVV-AE + 2xR-73, 3xEFT 3,000):
  - H = 0 m, km : 1750
  - H = Hcr, M = Mcr : 3000
- Max speed (w/o external payload):
  - low altitude: 1300
  - Mach number at high altitude: 1,6
- Takeoff run with normal takeoff weight, m: 750
- Landing run with drag chute, m: 1000
- Max load factor, g: 7,5
- Crew: 2



Russian Federation, ROSOBORONEXPORT,

27 Stromynka str., 107076, Moscow,

Public Relations and Media Service

Phone: +7 (495) 534 61 83;



**РОСБОРОНЭКСПОРТ**  
Акционерное общество

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Fax: +7 (495) 534 61 53

[www.roe.ru](http://www.roe.ru)

