



Su-30MK2

Mission

The Su-30MK2 multirole fighter is designed to destroy air, ground and surface targets using guided and unguided aerial weapons on solo and group missions in any weather, day or night, as well as to conduct combat air patrol and escort missions. In addition, the aircraft facilitates in-flight pilot training in flying, navigation and aerial weapon employment techniques.

The fighter is capable of handling the following missions: gaining air superiority, battlefield air interdiction, escort of strike aircraft, disruption of airlift operations, air support, combat air patrol, controlling a group of aircraft being outside the radar field or when the field is disturbed and transmitting the targeting data to airborne, ground and shipborne control points, air reconnaissance.

Equipment

The Su-30MK2's avionics suite includes an on-board radar capable of detecting and tracking up to 10 air targets, an optical locating station, a helmet-mounted targeting/display system as well as communication, monitoring, recording and electronic countermeasures equipment.

Armament

The onboard armament system includes air-to-air missiles (RVV-AE, R-73E and R-27R1(ER1), R-27T1(ET1), R-27P1(EP1) and air-to-ground missiles (Kh-31A, Kh-31P, Kh-35E Kh-59ME, Kh-29TE, Kh-29L), KAB-500Kr/1500Kr-type guided bombs, 100/250/500 kg bombs, S-8/S-13/S-25-type unguided rockets) as well as a 30mm internal gun.

Main benefits

- all-weather and round-the-clock capability;
- capability to effectively engage air, ground and surface targets at long distances from the base airfield, carry out long patrols in specified areas;
- high flight safety and combat survivability;
- suitability for training and operational training missions.

Características básicas:

- Takeoff weight, kg:
 - normal (2xR27R1 + 2xR73E): 24900
 - max: 34500
- AL-31F engine, thrust in full afterburner, kgf: 2x12,500



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Акционерное общество

- Max internal fuel load, kg: 9720
- Max weapon load, kg: 8000
- Number of hardpoints: 12
- Service ceiling, km: 17,3
- Max flight range (2xR-27R1 + 2xR-73E), km:
 - low altitude: 1270
 - cruise altitude: 3000
- Max airspeed (w/o external payload):
 - low altitude: 1400
 - Mach number at high altitude: 2,0
- Min takeoff run with normal takeoff weight (in afterburner), m: 550
- Landing run with drag chute, m: 750
- Max load factor, g: 9
- Crew: 2



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Акционерное общество

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