

Multipurpose Fighter

# Su - 30 MK

S u k h o i



## Performance Data:

Normal take-off weight, kg	26,000
Power plant	2xAL-31FP turbofans
Max total thrust, kg	25,000
Max speed, Mach number	2
Max speed at low altitude, km/h	1,350
Max load factor, g	+9
Flight range, km	
with internal fuel load	3,000
with one inflight refuelling	5,200
Service ceiling, m	17,500
Combat load, kg	8,000
Number of external stores	12



# The Su-30MK

Advanced Two-seat

# Fighter





The **Su-30MK** advanced two-seat fighter is a derivative of the world-known Su-27 aircraft developed by the Sukhoi Design Bureau for multipurpose operations.

### **Missions.**

Thanks to excellent aerodynamic and agility characteristics the Su-30MK can effectively perform air-to-air missions with expanded capability of attacking several targets at a time. Integration of the thrust vector control with the flight control system allows near-zero speed manoeuvring without any angle-of-attack limitations turning the Su-30MK into a real stall-proof design!

Other missions include air-to-ground/air-to-surface delivery of precision-guided weapons at a stand-off distance, as well as long-range patrolling, escorting and early warning radar picketing. The aircraft is provided with an ECCM facility intended to subvert hostile electronic and electro-optical countermeasures while carrying out the above missions.

### **Armament.**

Besides a 30mm built-in cannon the aircraft can carry a comprehensive mix of guided and unguided weapons suspended on 12 external hard-points:

- Medium-range air-to-air missiles with active/semi-active radar and IR seekers.
- Air-to-surface telecode/TV/laser-guided missiles including anti-ship and anti-radar ones;
- TV/laser trajectory-corrected bombs;
- Aerial bombs and rockets.

The aircraft can be fitted with avionics and weapons mix as specified by the customer.





Federal State Unitary Enterprise  
**ROSVOOROUZHENIE**  
State Corporation  
21, Gogolevsky Blvd, Moscow 119865, Russian Federation  
Phone: +7 (095) 202 6603 ; Fax: +7 (095) 202 4594 ; Telex: 41 1957



## **SUKHOI DESIGN BUREAU**

23A<sub>2</sub> Polikarpov Str., Moscow 125284,  
Russian Federation  
Tel.: +7 (095) 945-6525  
Fax: +7 (095) 200-4243