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## MiG-29M2

### Mission

The MiG-29M2 two-seat multifunctional frontline fighter is designed to engage air targets in any weather, day or night, destroy moving and fixed ground (surface) targets, as well as to facilitate in-flight training of flying personnel.

The MiG-29M2 can effectively accomplish a variety of missions, including combat air patrol, air target interception, escort of attack and military transport aircraft, striking against ground (surface) targets, air support of ground troops and landing forces, battlefield air interdiction and aerial reconnaissance.

### Equipment

The MiG-29M2 carries modern targeting and navigation system, quad-redundant fly-by-wire flight control system, radar and optical locating stations, helmet-mounted targeting/display system, communications and self-defense equipment, cockpit instrumentation and other aids that working together provide high flight safety, effective use of weapons, as well as solving of navigation and training problems.

### Armament

The MiG-29M2 is equipped with short- and medium-range air-to-air missiles, air-to-surface missiles, guided aerial bombs, unguided rockets and bombs, and an internal gun. Owing to a wide range of weapons coupled with its excellent flight performance, the MiG-29M2 offers high combat effectiveness.

### Main benefits

- round-the-clock and all-weather capability;
- high fighter and attack mission capability;
- high flight safety and combat survivability;
- capabilities for group action and control of fighters in a group;
- high level of maintainability.

### Características básicas:

- Takeoff weight, kg:
  - max: 26500\*
  - normal: 19000\*
- Powerplant:
  - engine type: RD-33MK
  - number x thrust, kgf : 2x9000
- Max external payload, kg: 6500\*



- Max airspeed, km/h:
  - low altitude (H=200 m/656 feet): 1400
  - high altitude (H=12,500 m/41,000 feet): 2100
- Service ceiling, m: 16200\*
- Max service range, km:
  - high altitude (w/o EFT) : 1600-1700\*
  - high altitude (with 3 x EFT): 2650-2700\*
- Max maneuver load factor, g: 8,0-9,0\*
- Number of hardpoints: 9
- Basic dimensions, m:
  - length: 17,3
  - height: 4,4
  - wingspan: 12,0





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