



---

## Ka-31

### Mission and primary tasks

The Ka-31 radar picket helicopter is designed to detect both air targets, including low-flying ones against background of sea and land, as well as surface ships, track and identify them, as well as provide automatic data transmission to ground and ship-based command and control centers.

The helicopter significantly increases the effectiveness naval and air operations, providing ships and aircraft with timely information on the activities of enemy ships, planes and helicopters.

### Equipment and armament

Under the transport cabin floor there is a support-rotating mechanism of a 6-meter long flat antenna. Rotation of the antenna sheet at a constant rate of 6 r/min provides scanning of the space in the horizontal plane. In the stowed position the antenna is pressed against the bottom of the fuselage.

The helicopter is equipped with a flight control and navigation system and onboard communications equipment.

### Main advantages

- capability of using both ground airfields and ships, day and night, and in adverse weather conditions;
- helicopter operability in all areas of the oceans of the world;
- the cost of radar picket missions performed by the Ka-31 helicopter is significantly lower compared with using any plane of a similar purpose;
- high safety and single-engine flight and landing capability;
- high target approach accuracy through installation of an inertial-satellite navigation system;
- suitability for use in air traffic management and search & rescue operations;
- high mobility enabling the use of the helicopter from underdeveloped airfields and unprepared sites.

### Características básicas:

- Takeoff weight, kg r: 12500
- Max speed, km/h : 220
- Patrolling speed, km/h: 100
- Max patrolling altitude, m: 3500
- Patrolling endurance, h: 2,5
- Max surface target detection range, km: в пределах радиогоризонта



**РОСОБОРОНЭКСПОРТ**

Акционерное общество

- Helicopter dimensions, m:
  - length (with rotor blades folded) : 12,25
  - width: 3,8
  - height: 5,5
- Crew: 2
- Powerplant:
  - type: TV3-117VMA
  - number × takeoff power, hp : 2×2200



АО «Рособоронэкспорт» – единственная в России государственная организация по экспорту всего спектра продукции, услуг и технологий военного и двойного назначения. Входит в Госкорпорацию Ростех. «Рособоронэкспорт» образован 4 ноября 2000 года и является одним из лидеров мирового рынка вооружений. На долю компании приходится более 85% экспорта российских вооружения и военной техники. «Рособоронэкспорт» взаимодействует с более чем 700 предприятиями и организациями оборонно-промышленного комплекса России. География военно-технического сотрудничества России – более 70 стран.

Российская Федерация,

107076, г.Москва, ул Стромынка, 27,

АО «РОСОБОРОНЭКСПОРТ», Пресс-служба

Тел.: +7 (495) 534 61 83;

Факс: +7 (495) 534 61 53

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



**РОСБОРОНЭКСПОРТ**  
Акционерное общество

---

