



LIGHT UTILITY HELICOPTER

ANSAT



Maximum speed:
275 km/h



MTOW:
3 600 kg



Crew:
1-2 people



Passenger capacity:
up to 7



Cargo cabin volume: 6.7 m³



Cargo capacity:
1 166 kg

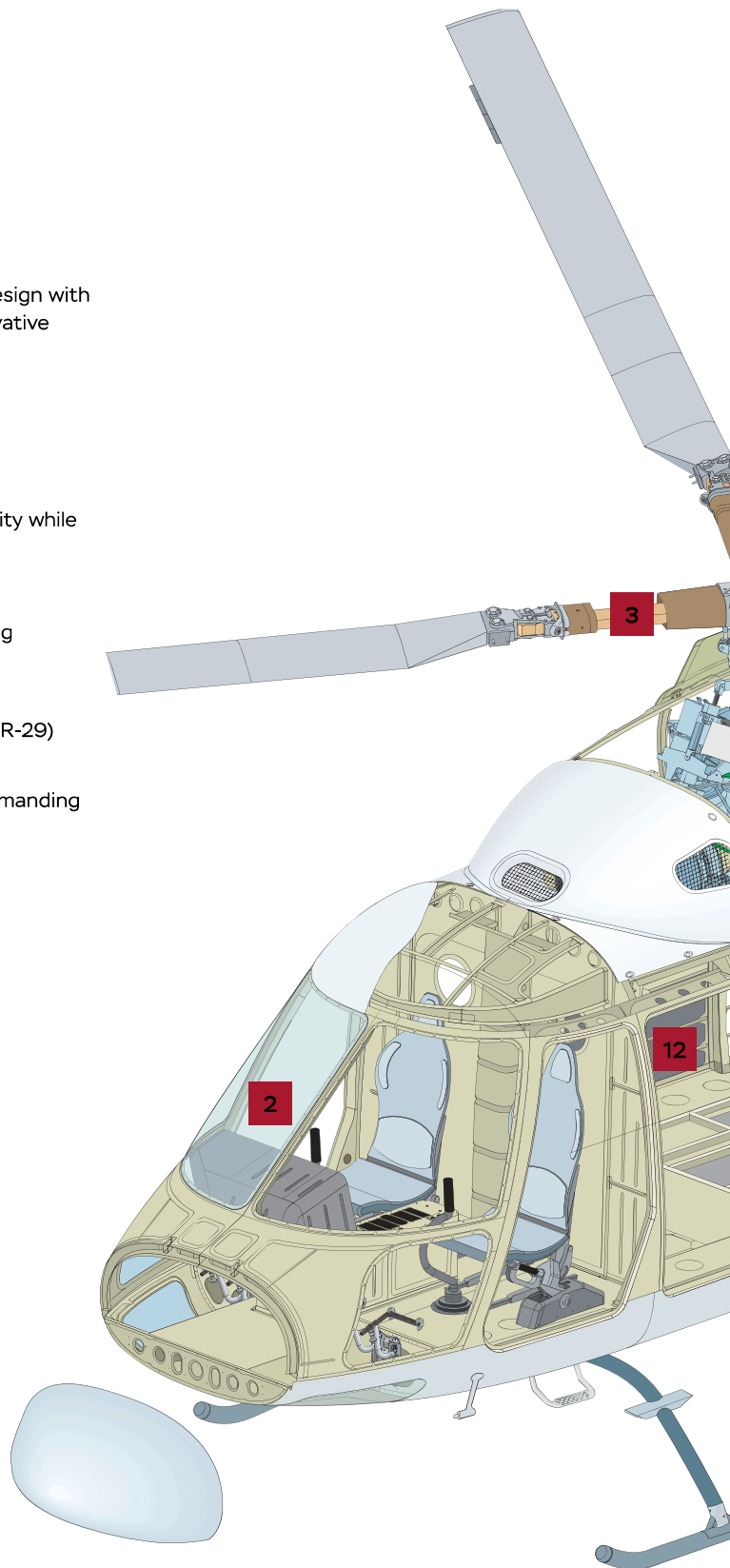
ANSAT

ANSAT light utility helicopter features single main rotor design with tail rotor. The helicopter combines conventional and innovative technical solutions:

- all-metal fuselage structure
- composite secondary structural elements
- fiberglass MR and TR blades
- hingeless MR hub ensures better helicopter controllability while providing considerable reduction in operating costs
- anti-icing system
- high level of safety, system redundancy, shock-absorbing passenger and pilot seats

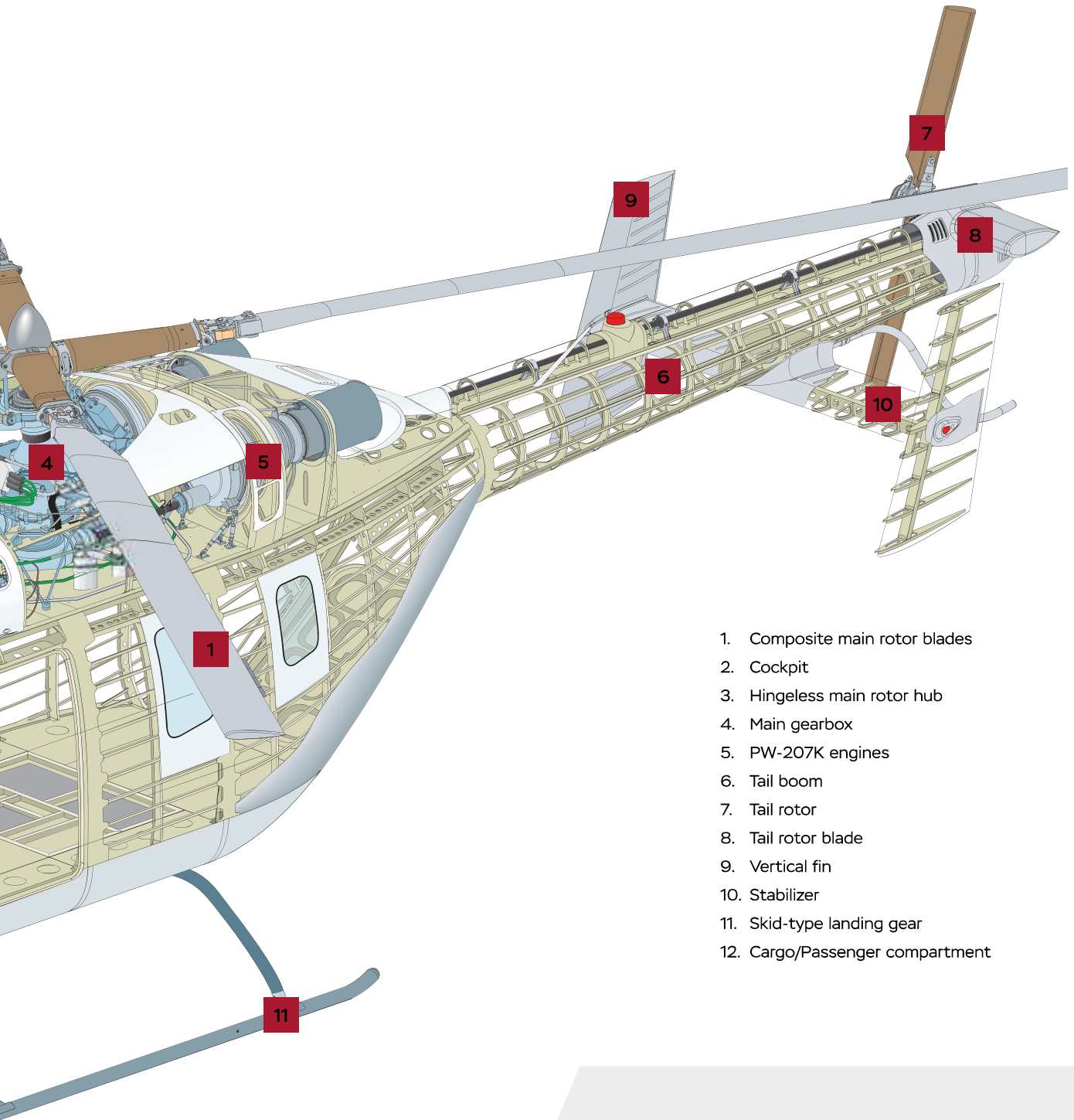
The helicopter is developed in accordance with AP-29 (FAR-29) Category A regulations and meets high safety standards.

A wide range of optional equipment satisfies the most demanding customers' needs.



WIDE RANGE OF OPERATING CONDITIONS

- Round-the-clock operation in normal and adverse weather conditions
- Flights within a wide range of ambient temperatures from -50 °C to +50 °C
- Operation in icing conditions
- Takeoff and landing on an unprepared landing pad
- Can be stored out of hangar



1. Composite main rotor blades
2. Cockpit
3. Hingeless main rotor hub
4. Main gearbox
5. PW-207K engines
6. Tail boom
7. Tail rotor
8. Tail rotor blade
9. Vertical fin
10. Stabilizer
11. Skid-type landing gear
12. Cargo/Passenger compartment

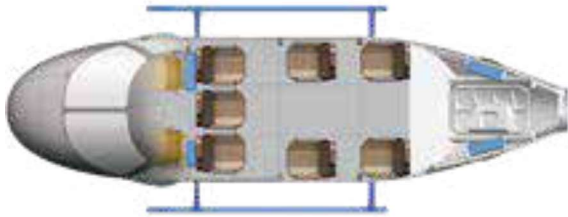
**Quick-detachable equipment
of ANSAT helicopter
allows fulfilling different tasks:**

- Passenger transportation
- Cargo transportation
- Patrolling
- Medical evacuation

PASSENGER

Up to 7 passenger seats may be installed in the passenger cabin. Seats are installed onto the floor panel with integrated rails. All seats are fitted with four-point safety belts. To ensure comfortable conditions the provision is made for conditioning and heating system in a passenger cabin.

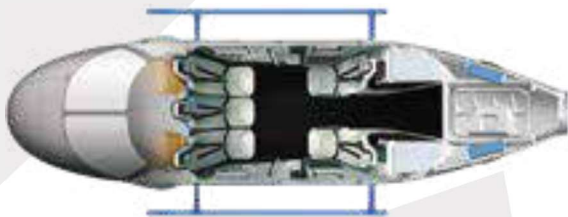
Passenger version layout



VIP

The helicopter cabin features comfortable energy-absorbing seats fitted with four-point safety belts. Cabin interior is performed with enhanced finishing materials. Modern air conditioning and heating system ensures comfortable conditions for passengers. Passenger seats are equipped with individual airflow vents and light sources with the possibility to adjust the speed/volume and direction of air supplied from the ventilation system, as well as turn on or off the individual light sources.

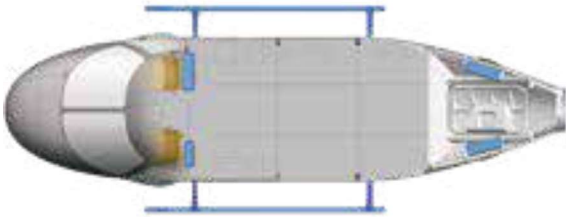
VIP version layout



TRANSPORT

In cargo version the cargo of up to 1 272 kg may be transported inside the cabin in special containers or secured with the net. Cabin floor has the provisions for cargo tie-down fittings.

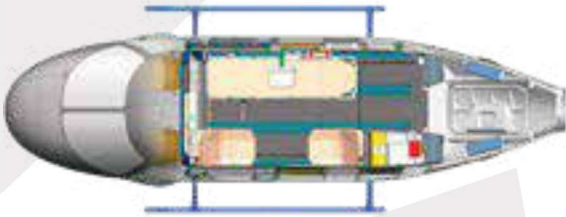
Transport version layout



MEDEVAC

The design of the helicopter in Medevac configuration ensures transportation of one injured person with 2 medical attendants and rendering first aid on board the helicopter. The helicopter is fitted with medical module ensuring transportation and life-sustaining treatment of a patient. The Module is quick-detachable and can be installed/dismantled off the helicopter within 15 minutes.

Medevac version layout



UTILITY

The design of the utility helicopter provides for convertibility of the transport cabin, depending on the installed quick-detachable equipment:

transportation of up to 7 passengers

transportation of cargoes

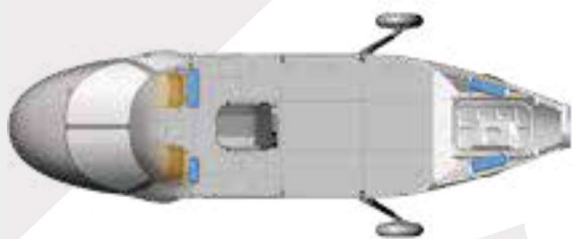
transportation of one injured patient with 2 medical attendants and rendering first aid on board the helicopter



TRAINING

ANSAT-U initial training helicopter is intended for training of flight school students, improving piloting skills and transportation of cargoes.

Training version layout



OPTIONAL EQUIPMENT

To extend operational capabilities the helicopter may be additionally fitted with the following equipment:

- different types of instruments for day and night flights
- search-and-rescue equipment with searchlight, winch, loudspeaker system
- aerial surveillance system
- ventilation, heating and air conditioning system in the passenger cabin
- medical module

TECHNICAL DATA

WEIGHT PARAMETERS

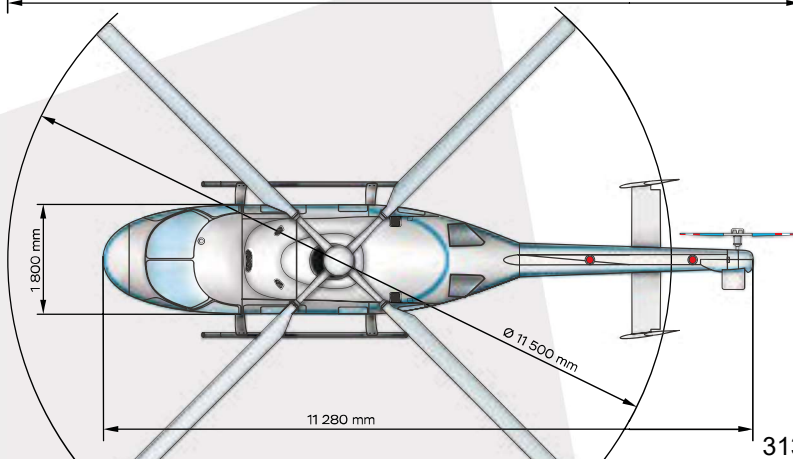
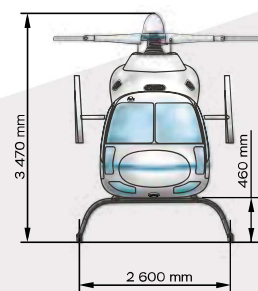
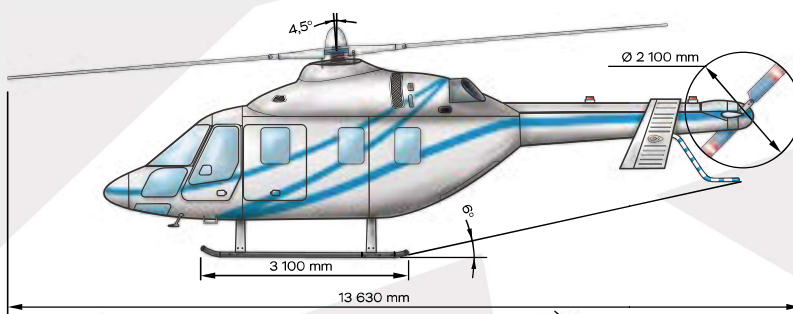
MTOW, kg	3 600
Cargo capacity, kg	1 166

ENGINES

2 x PW-207K, Pratt & Whitney	
Take-off power, hp	2 x 630
Maximum continuous power, hp	2 x 554

PERFORMANCE

Maximum speed, km/h	275
Cruise speed, km/h	220
Service ceiling, m	5 500
Flight range, km	505
Rate of climb, m/s	11,5
Crew	1-2
Passengers	up to 7



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