

1. Main rotor blades
2. Energy-absorbing pilot seats
3. Hingeless main rotor hub
4. Main gearbox
5. PW-207K engines
6. Tail boom
7. Tail rotor
8. Tail rotor gearbox
9. Vertical fin
10. Stabilizer
11. Skid-type landing gear
12. Cargo-passenger compartment

**Quick disconnect ANSAT equipment allows for different missions:**

- Passengers transportation
- Cargo transportation
- Patrolling
- First aid

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Technical and operational data are provided at the time of printing and are subject to change by the manufacturer without prior notice. Illustrations may include equipment that is not included in the basic configuration.



**UTILITY HELICOPTER**

# ANSAT



Maximum speed:  
275 km/h



MTOW: 3,600 kg



Crew:  
1-2 pilots



Passenger:  
up to 7



Cargo cabin  
volume: 6.5 m<sup>3</sup>



Cargo capacity:  
1,235 kg

# ANSAT

ANSAT light utility helicopter is designed according to the classic single-rotor configuration with a tail rotor. The helicopter combines traditional and innovative solutions:

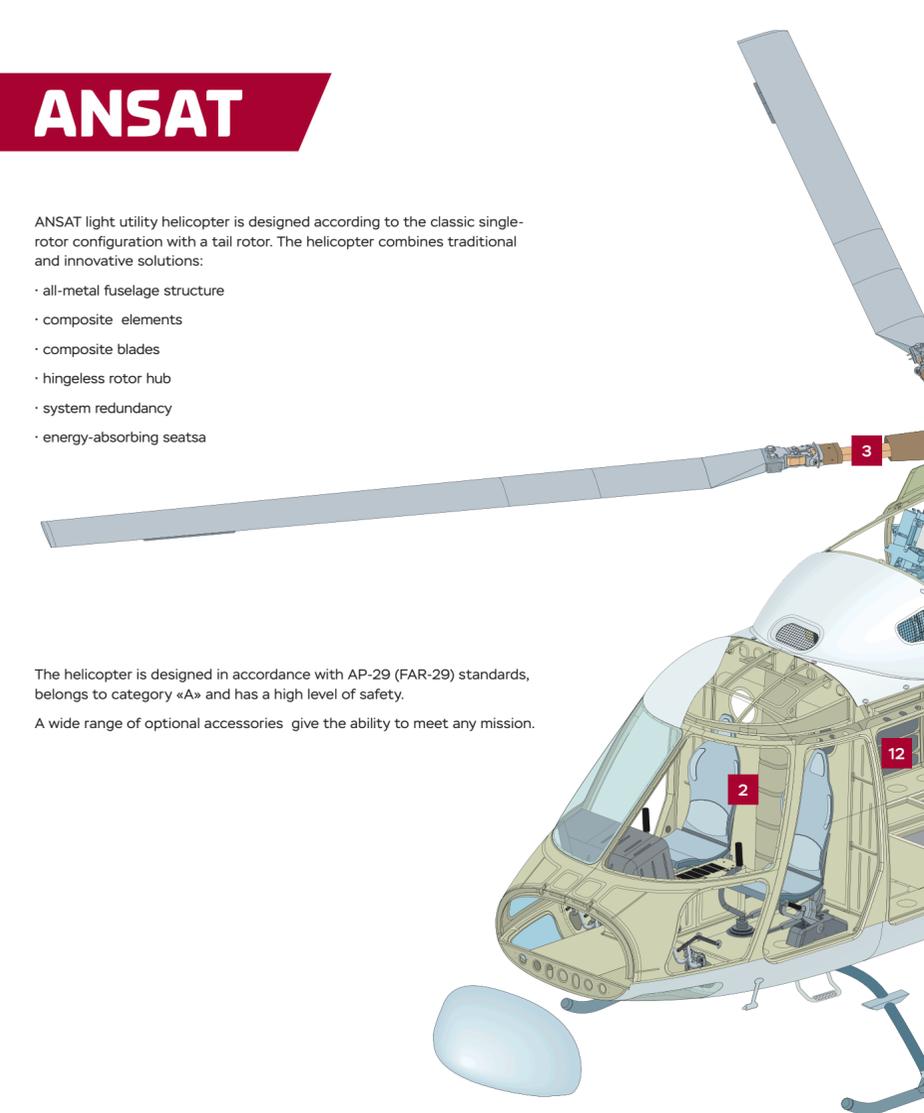
- all-metal fuselage structure
- composite elements
- composite blades
- hingeless rotor hub
- system redundancy
- energy-absorbing seats

The helicopter is designed in accordance with AP-29 (FAR-29) standards, belongs to category «A» and has a high level of safety.

A wide range of optional accessories give the ability to meet any mission.

**WIDE RANGE OF OPERATING CONDITIONS**

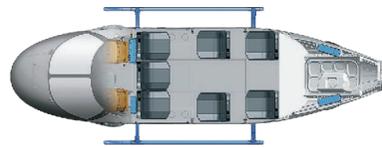
- Flights day and night in normal and adverse weather
- Flights in a wide temperature range from -45 °C to +50 °C
- Takeoff and landing from unequipped helipads
- Hangar-free storage of the helicopter



## PASSENGER

Up to 7 passenger seats may be installed in the passenger cabin onto the floor panel with integrated rails. All seats are fitted with 4-point safety belts. Conditioning and heating system ensures comfortable conditions inside the passenger cabin.

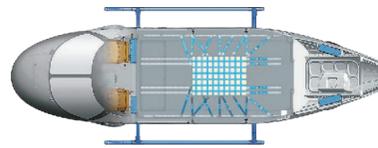
Passenger version interior layout



## TRANSPORT

The helicopter allows for cargo transportation inside the cabin with a total weight of up to 1,089 kg, enabling to use special containers or nets as well. Thanks to the fastening points incorporated into the floor, cargo is always securely fixed.

Transport version interior layout



## UTILITY

ANSAT helicopter provides utility operators with the flexibility and performance they require, depending on the mission:

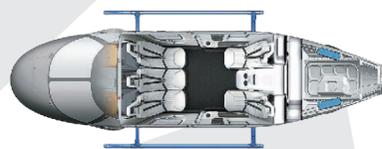
- transportation of up to 7 passengers
- cargo transportation
- transportation of 1 injured and emergency care



## CORPORATE (VIP)

The helicopter in a corporate configuration flaunts high-quality interior decoration, energy-absorbing luxury seats, multi-level vibration and sound insulation, an individual approach to the design of every interior detail. In all weather conditions, comfort and safety will be provided at the highest level.

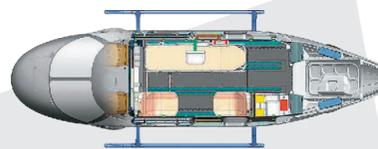
Corporate (VIP) version interior layout



## HEMS

HEMS helicopter allows for the transportation of one injured accompanied by two medical workers and providing emergency medical assistance on board. The helicopter is equipped with the state of the art medical module providing safe transportation and life support. Optionally, the module can be equipped with a complex for the transportation of neonatal patients (CTNP) for continuous monitoring of health condition, maintaining vital body functions and conducting intensive care by a medical team. Easy install module can be fitted for up to 15 minutes.

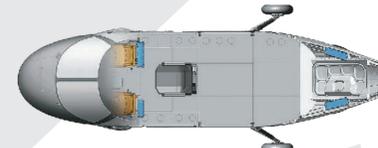
HEMS version interior layout



## TRAINING

ANSAT-U training helicopter is an excellent for training pilots, improving piloting skills, as well as solving cargo transport problems.

Training version interior layout



## OPTIONAL ACCESSORIES

To expand the available operational capabilities, each helicopter can be additionally equipped with:

- an instrumentation options for day and night flights
- search and rescue equipment with an onboard winch, loudspeaker device and searchlight
- aerial surveillance system
- ventilation, heating and air conditioning system of the passenger cabin
- medical module

## SPECIFICATION SUMMARY

| WEIGHTS                            |         | PERFORMANCE SUMMARY<br>(ISA, normal takeoff weight) |       |
|------------------------------------|---------|-----------------------------------------------------|-------|
| Maximum takeoff, kg                | 3,600   | Never-exceed speed, km/h                            | 275   |
| Normal takeoff, kg                 | 3,300   | Maximum continuous engine power, km/h               | 260   |
| Useful load, kg                    | 1,089   | Maximum climb rate, m/s                             | 14    |
| ENGINE RATINGS<br>(input power)    |         | Service ceiling, m                                  | 4,200 |
| 2 x PW207K, Pratt & Whitney, F406  |         | OGE Hover ceiling, m                                | 2,220 |
| Takeoff Horsepower (5 minutes), hp | 2 x 857 | IGE Hover ceiling, m                                | 2,530 |
| Maximum Continuous, hp             | 2 x 630 | Range (No Reserve), km                              | 525   |
|                                    |         | Endurance with a 20-minute reserve, km              | 2,78  |

