



MULTIPURPOSE HELICOPTER

Ka-226T



Engine takeoff power 2 x 580 hp.



Maximum takeoff weight 3 600 kg



Passengers: 6-7



Cruise speed 190 km/h



Crew: 1-2 ppl



Service ceiling 6 100 m

Ka-226T

The twin-engine light helicopter Ka-226T is designed by Kamov Design Bureau to perform a wide range of missions in VMC and IMC. The aircraft meets up-to-date safety requirements, boasts high performance and state-of-the-art avionics.



Ka-226T ADVANTAGES

High safety level

- Ka-226T is powered by two Arrius 2G1 engines by Safran Helicopter Engines equipped with a Full Authority Digital Engine Control system (FADEC). The power plant ensures continued takeoff in case of one engine inoperative.
- Absence of the tail rotor ensures ground personnel safety.

Superb power-to-weight ratio and controllability

Coaxial rotor design ensures simplicity and ease of piloting and provides high power-to-weight ratio at all flight modes. Ka-226T has high stability and controllability at high wind effect during flight and landing.

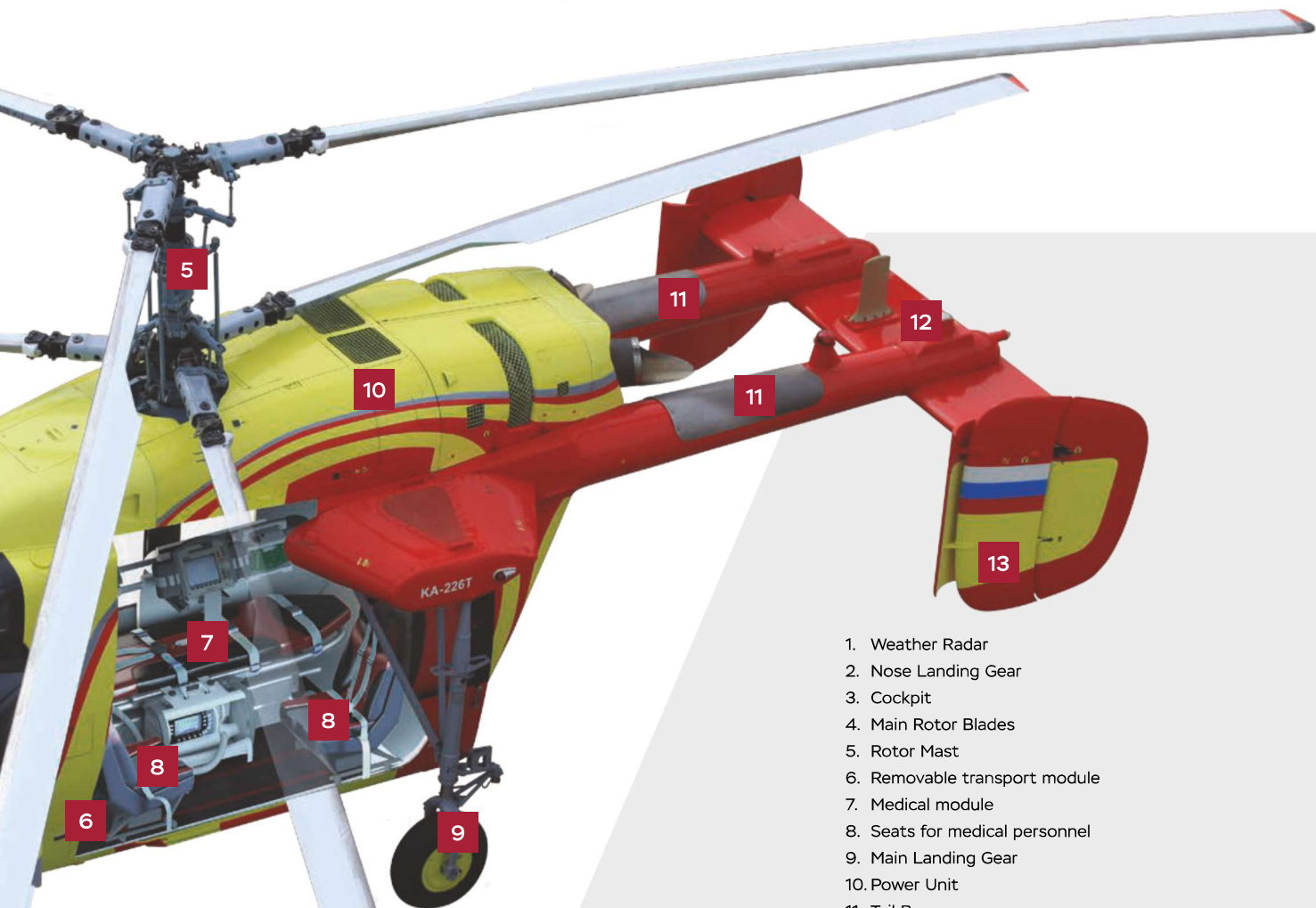
Easy maintenance and operation

Ka-226T is capable of flying missions day and night in VMC and IMC. Operating temperature range is from -45° to $+50^{\circ}\text{C}$ at relative humidity of up to 100%. Ka-226T does not require hangar storage.



State-of-the-art avionics

Ka-226T Light Multipurpose Helicopter complies with the AP-29 airworthiness requirements



1. Weather Radar
2. Nose Landing Gear
3. Cockpit
4. Main Rotor Blades
5. Rotor Mast
6. Removable transport module
7. Medical module
8. Seats for medical personnel
9. Main Landing Gear
10. Power Unit
11. Tail Booms
12. Horizontal Stabilizer
13. Vertical Stabilizer

Wide range of applications

The unique modular design of Ka-226T allows the customer to use the helicopter in variety of missions: emergency medical service, search and rescue, patrolling and monitoring, transportation of cargo inside the fuselage and on the external sling, passenger transportation.

Compactness

The absence of the tail rotor not only improves safety both in the air and on ground, but also allows operating Ka-226T from small-sized sites and small-displacement vessels: dimensions of the fuselage together with fin assembly do not exceed the area swept by the main rotor blades.



Coaxial rotor design – excellent power-to-weight ratio and control accuracy



Arrius 2G1 engines with high altitude performances and temperature characteristics



Replaceable modules – operational flexibility

▀ Capability to take-off and land in confined spaces



Medical module fitted with resuscitation unit enables on-board life support

The time needed by medical personnel to reach the destination plays a key role in emergency situations. Helicopters allow reaching the patients within minutes regardless of the road conditions and so saving their life.

Ka-226T with a medical module ensures emergency medical evacuation, including transportation of patients while supporting their vital functions.

Compactness, superb maneuverability and controllability, advanced flight and navigation equipment allow Ka-226T to perform safe flights, take-offs and landings in confined urban environments and mountains.

Functional and ergonomic medical module of Ka-226T is equipped with up-to-date intensive care unit. The helicopter design allows the patient on a stretcher to be loaded and unloaded through a wide backdoor. The height of the transport cabin (1.4 m) makes it easy and convenient to administer medical aid to the patient during transportation. Configuration and location of the medical equipment allow medical personnel to work with maximum efficiency.

POLICE

Up-to-date highly efficient mission equipment



Wide range of mission equipment

The police version of Ka-226T effectively carries out such law enforcement missions as air patrol, detection and pursuit of suspects, traffic control and personnel transportation (up to 7 ppl). Coaxial rotor design provides exceptional hover precision for landing of special units, as well as unsurpassed controllability when flying in densely built-up urban environments.



Ka-226T is equipped with mission equipment needed to support law enforcement missions:

- equipment for landing of special units
- searchlight
- hoist
- loudspeaker
- thermal vision and video surveillance system
- data transmission unit to transmit on-board data to the ground command point
- night vision goggles



SEARCH AND RESCUE

Day and night in VMC and IMC

Ka-226T successfully performs search and rescue missions under adverse weather and geographical conditions. High power-to-weight ratio makes Ka-226T particularly effective in mountain areas. The hover accuracy allows safe lifting of patients aboard the helicopter.

Ka-226T SAR helicopter is fitted with up-to-date equipment:

- searchlight
- rescue hoist
- loudspeaker
- equipment needed to land the rescuers



PASSENGER

Safe and comfortable transportation



High level of comfort and safety

The passenger version of Ka-226T provides comfortable and safe transportation of 7 passengers in basic configuration or 4 passengers in VIP configuration. The helicopter is equipped with Shock-absorbing seats for crew and passengers. The wide sliding door allows easy boarding. Baggage compartment is provided for baggage transportation.

Elegant design and functional interior of the enhanced comfort cabin with soft seats, tables, small drawers for personal belongings, TV/DVD will make the flight pleasant and comfortable.



TRANSPORT

Cargo transportation

The transport version of Ka-226T is designed to transport cargo inside the fuselage and on the external sling. A cargo platform, which could be mounted instead of the transport cabin, is provided to carry oversized cargos.

A modular design which enables quick helicopter transformation from one version into another is a distinctive feature and an advantage of this helicopter.



PERFORMANCE

WEIGHT



Max takeoff weight, kg	3 600
Max payload, kg	785

ENGINES



2 x Arrius 2G1, Safran Helicopter Engines	
Takeoff power, hp	2 x 580
2.5-min OEI power, hp	705

PERFORMANCE



Max. rate of climb at sea level, m/s	12,5
Cruise speed (for max range), km/h	190
Max. speed, km/h	220
Service ceiling, m	6 100
Hover ceiling	
IGE, m	4 900
OGE, m	4 100
Max range with main fuel tanks, km	475
Crew, ppl	1-2
Passengers, ppl	6-7

