



KAMOV

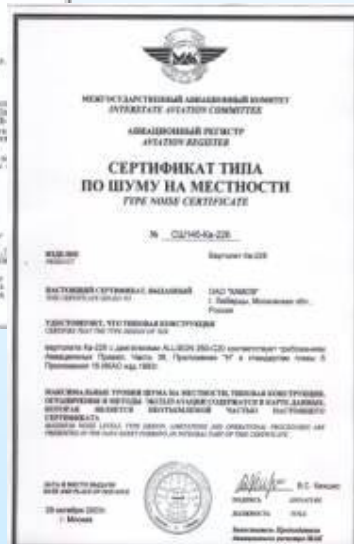
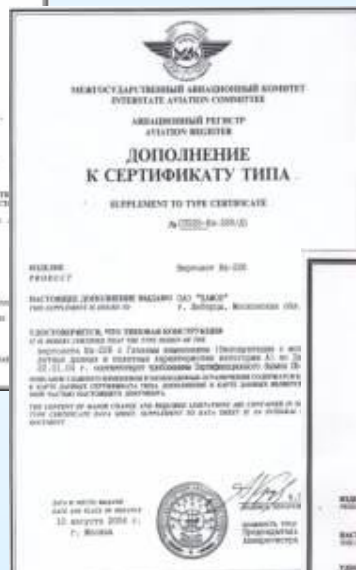
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MULTIPURPOSE HELICOPTER

Ka-226



GENERAL INFORMATION



- The Ka-226 basic version complies with the requirements of the Russian AP-29 Certification Basis, equivalent to the FAR-29, and has Type Certificate No. CT 225-KA-226.



APPLICATIONS OF THE HELICOPTER



HELICOPTER MAIN DESIGN FEATURES

Modular airframe design:

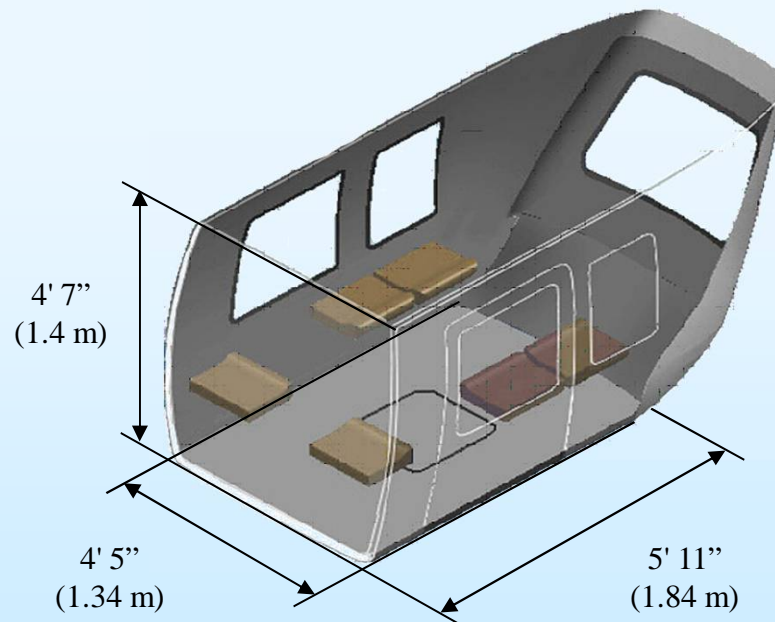
- **utility platform with interchangeable modules**
- **coaxial rotor configuration with three bladed main rotors**
- **absence of tail rotor**



TRANSPORTATION / CARGO MODULE

Dimensions:

Length	7' 8"	(2.35 m)
Width	5'	(1.54 m)
Height	4' 7"	(1.4 m)
Floor length	5' 11"	(1.8 m)
Floor width	4' 5"	(1.34 m)
Volume	190 cu. ft	(5.4 cu.m)



LANDING ON RESTRICTED AREA



FROM 130 ft (40 m) HEIGHT



OPERATION IN MOUNTAINS



TAKEOFF FROM GROUND AT 9840 ft (3000 m)



LANDING WITH MOUNTAINEERING EQUIPMENT



LANDING OPERATION



MEDICAL MODULE



- Transportation of medical personnel
- Transportation of medical patients and evacuation of survivors to hospital including reanimation of board



SEARCH & RESCUE MODULE



- Search for survivors.
- Delivery of rescue teams with all required equipment to the area of their operations.
- Evacuation of survivors.



PATROL & LAW ENFORCEMENT HELICOPTER

- Patrolling of territories.
- Transportation of service personnel.
- Delivery of task groups to site by landing or rapelling.

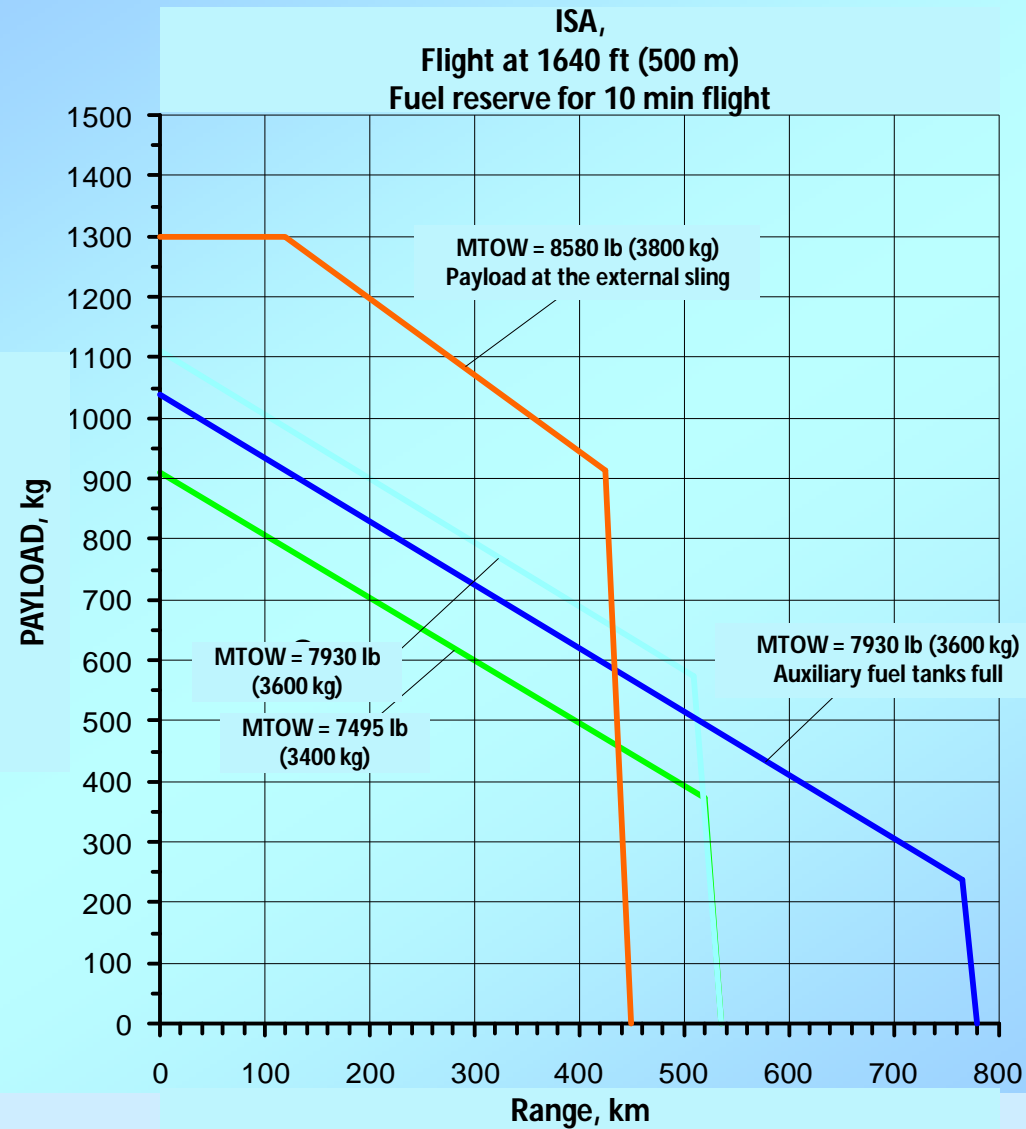


To make a patrol & law enforcement missions the helicopter can be equipped with FLIR and radio data transmission system



PAYLOAD/RANGE DIAGRAMM

(MTOW = 7930 lb (3600 kg))



KA-226

ЛЕГКИЙ МНОГОЦЕЛЕВОЙ
ВЕРТОЛЕТ



Flight-navigation package КБО-226АГ.01

- Multifunctional LED display system
- Attitude and heading reference system
- Helicopter computation system
- DME control panel
- Radio altimeter
- Air data computer system
- Transponder
- Automatic radio altimeter
- Marker receiver
- Satellite navigation system
- Weather radar
- Automatic control system
- Data conditioning unit
- Aircraft clock
- Airspeed indicator
- Pressure altimeter
- Rate-of-climb indicator
- Gyro horizon (2 sets)
- Compass-indicator
- Pitot-static tube
- Pitot-static tube heating monitor
- Stagnation temperature sensor
- Switching and protection unit

AVIONICS

Helicopter airborne avionics provides for:

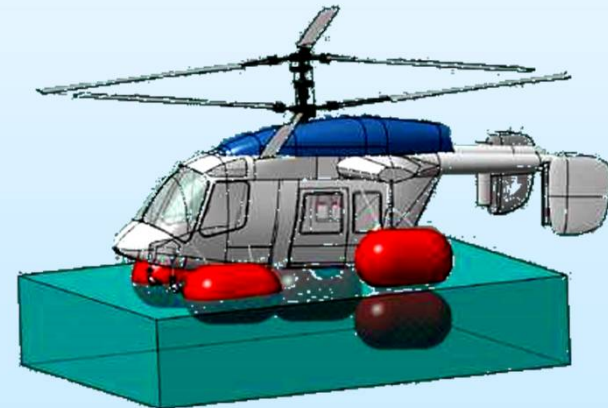
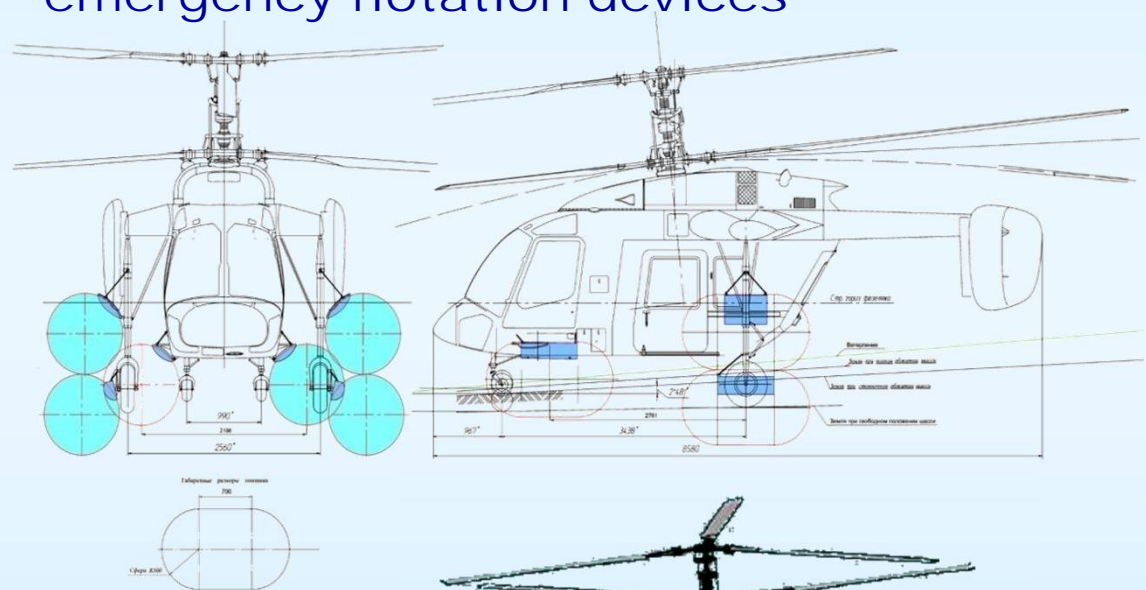
- visual flights, restricted visual flights, instrument flights under simple and complicated weather conditions,
- manual control within whole flight envelope from takeoff up to landing,
- automatic stabilization of helicopter angle attitude,
- stabilization of specified pressure altitude
- manual and automatic control of selected heading capture
- approach to landing on landing site, including ship-borne run way of 60x800 m minimum size.



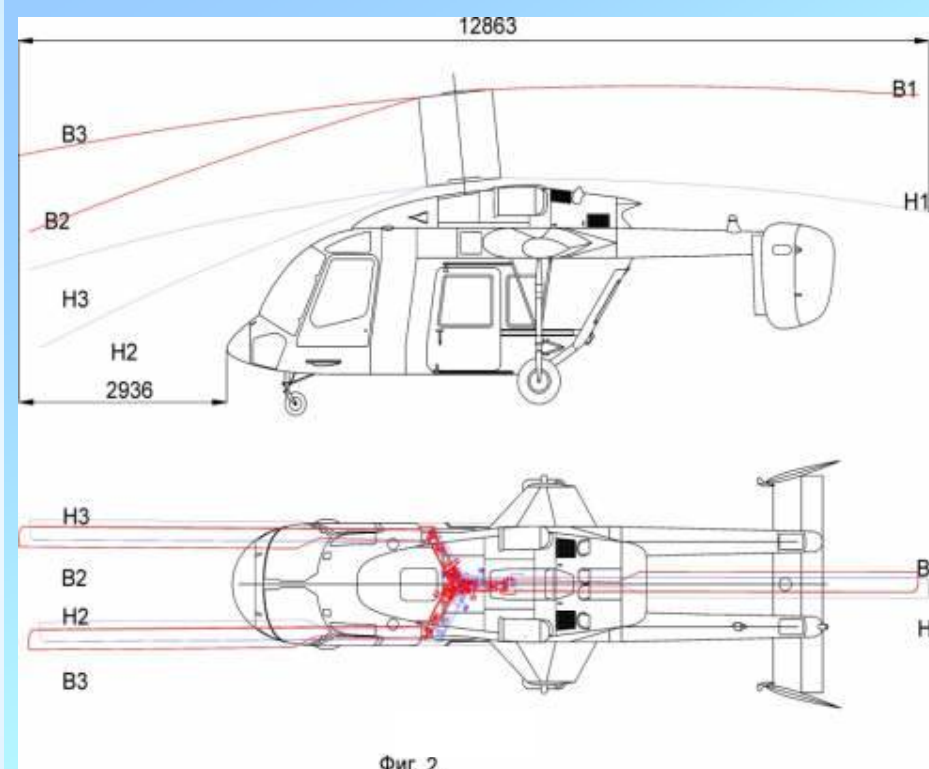
HELICOPTER PERFORMANCE

SAFETY FLIGHTS OVER THE SEA

- For safety of the flights over the sea **Ka-226** helicopter is equipped with emergency flotation devices

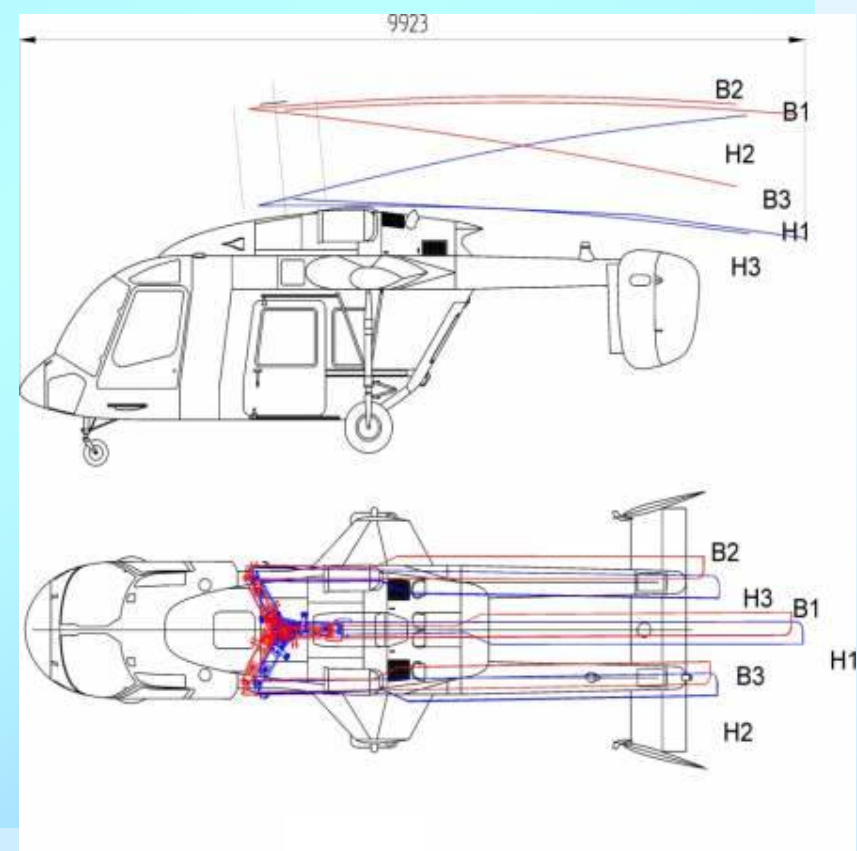


SCHEMES OF BLADES FOLDING



"ALL BACKWARD" scheme

"TWO FORWARD_FOUR BACKWARD" scheme



THE KA-226T HELICOPTER

