



AIRCRAFT  
TOOLS  
CONSULTING

Commercial offer for the manufacture of  
**Medium Multirole Helicopter Ka-32A11BC**

2019

## Medium Multirole Helicopter Ka-32A11BC



### General Information

The Ka-32A11BC multirole helicopter is a recognised leader in its class. The helicopter is designed **for special search and rescue operations, building tall structures, transporting cargo internally and on an external sling, logging, medevac and complex fire-fighting missions, as well as on patrol and to support during law enforcement operations.**

Main features of the Ka-32A11BC:

- Coaxial design and the absence of a tail rotor mean that it is compact, high power, highly manoeuvrable and very easy to handle.
- High load capacity – it can carry up to 5 tonnes on its external sling.
- It is equipped with the latest avionics systems.
- It is very economical – with low operating costs, and an extended service life of 32,000 flight hours.

The Ka-32A11BC can operate efficiently in dense urban areas, difficult to access mountainous and forested regions, and can also land on small vessels, drilling platforms, and on un-prepared, hard to access sites. Operated by a single pilot, the cabin can be fitted with additional task-specific equipment.

The Ka-32A11BC meets FAR-29, AP-29 requirements, and is EASA certified. It is operated successfully in Austria, Azerbaijan, Brazil, Canada, China, Indonesia, Japan, Kazakhstan, Portugal, Russia, South Korea, Spain and Switzerland.

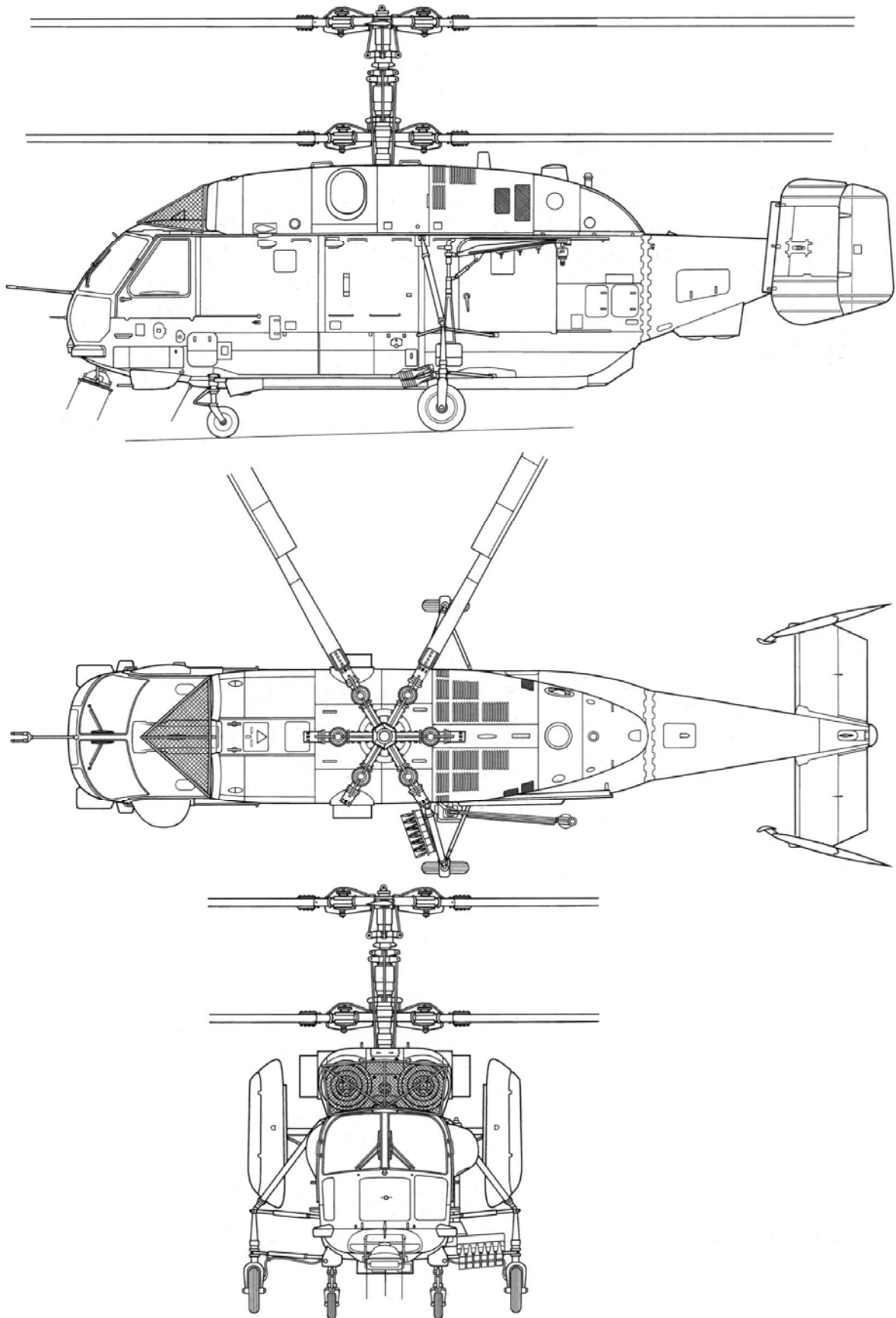
- **The firefighting Ka-32A11BC helicopter** boasts over 40 different options for firefighting equipment – including the Bambi-Bucket and Simplex systems, and water cannon for horizontal firefighting. It can fight fires in heavy

smoke, on the upper floors of high-rise buildings, and on oil and gas industry facilities. The Ka-32A11BC is recognised by experts as one of the finest firefighting helicopters in the world, and is a symbol of the Global Helicopter Firefighting Initiative, a programme aimed at increasing the efficiency of specialised firefighting helicopters kitted out with suspended fire-fighting systems, water cannons and other fire-fighting equipment.

- The Ka-32A11BC is indispensable in **complex construction works**, due to the absence of a tail rotor, its precision hover ability, great manoeuvrability and carrying capacity.
- **The search and rescue Ka-32A11BC** inherited the best features from the naval ship-based Ka-27PS, which formed the basis for its design. It can operate in very damp conditions and displays great resilience to the aggressive marine environment. The Ka-32A11BC's particular design enables it to fly in high turbulence and stormy conditions, making it ideally suited to carrying out search and rescue operations in critical situations.
- The Ka-32A11BC can be **equipped with a medical module comprising the latest intensive care equipment**. Thanks to this, resuscitation and life support can be performed in-flight, when it is being used to transport the sick and injured.

**In supporting the police and special forces**, the Ka-32A11BC can be fitted with modern surveillance equipment, tracking and loudhailer communications, and can be used to transport a landing force. Its high-precision hover capacity and maneuverability make it more effective in urban situations.

## Scheme



## Features

<b>Performance</b>	
Max. speed	260 km/h
Cruise speed (at maximum range)	200 km/h
Cruise speed (at maximum continuous engine power)	245 km/h
Maximum flight range with main fuel tanks	650 km
Maximum flight height	5,000 m
<b>Weight Parameters</b>	
Max. take-off weight	11,000 kg
With underslung load	12,700 kg
<b>Max. Payload, kg</b>	
in transport cabin	3,700
on external sling	5,000
<b>Engines 2xTV3-117 VMA</b>	
Take-off power	2,200 h. p.
Contingency power	2,400 h. p.
<b>Dimensions of Cargo Cabin:</b>	
Length	4520 mm
Maximum floor width	1,300 mm
Height	1,240 mm
Volume	7.3 m3
<b>Capacity</b>	
Air crew	1–2 persons
Service passengers	up to 13 persons