

## Kamov

Nicolai Kamov started build his first rotor-winged aircraft in 1929, together with **N.K.Skrzhinskij**. Up to the 40s, they created few more autogiros, including the only (in the World) armed one (A-7-3) that saw (limited) combat action.

Since then, the Kamov bureau is specialized on compact helicopters of coaxial scheme, suitable for naval service and high-speed operations.

The name designations (always begins with H) belongs to NATO

I want to thanks **Roy** ( From [Roy's Russian Rosources](#) ), **Alex Sabine** , **Jno** ( From [www.aviation.ru](#) ) and **Thomas Mueller** for their help in this section.

September 25, 1929 : KaSkr-I Gyrocraft

The **First Soviet Autogiro** was designed by **Kamov** and **Skrzhinskii**. Based on Cierva models.

1934 : A-7



An autogiro primarily used for observation duties.

1944 : Ka-8 Vertolet



With his first truly helicopter, Kamov introduced the coaxial scheme that the bureau will still using up to present day.

The Ka-8 was a single-seat helicopter with a 27 hp motorcycle engine, boosted to 45 hp by using alcohol for fuel.

The rotor blades were made of reinforced wood.

Three units built.

**September 1949 : Ka-10 Hat**



The Hat was an improved Ka-8 with a 55 hp Ivchenko engine that can reach 90 km/h.  
The twin - tail was introduced in the **Ka-10M**  
12 units built.

**1952 : Ka-15 Hen**



A two-seat multi-purpose helo designed primarily for the soviet navy that became knew outside the USSR in 1955

The civilian version was the **Ka-15M**

*Engine:* 1 Ivchenko of 225 hp

*Speed:* 150 km/h

*Service Ceiling:* 3050 m

**1955 : Ka-18 Hog**



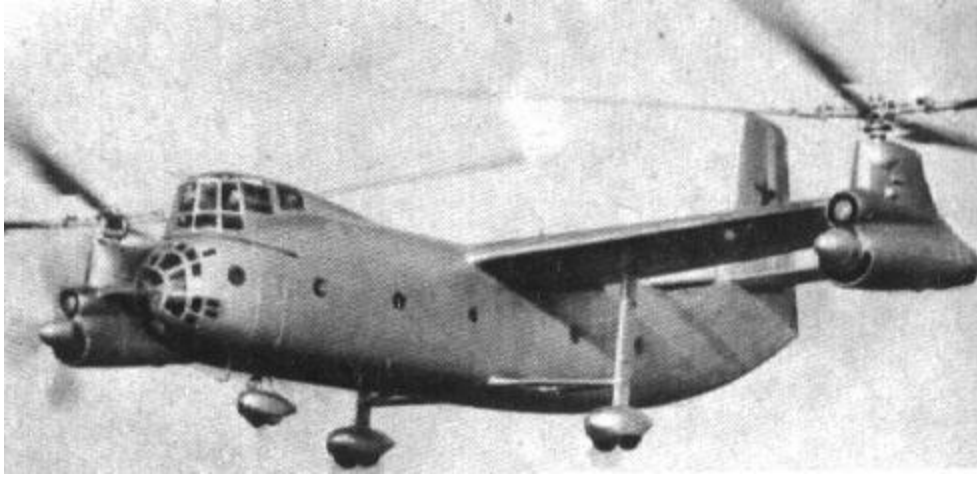
A Ka-15 with a large fuselage and a 280 hp Ivchenko AI-14VF engine.  
Could carry 4 passengers  
200 units built ( aprox. )

**1960 : Ka-20 Harp**

First saw in the *Soviet National Aviation Day* of 1961, it was considered the Ka-25 prototype.  
Was very similar to the Ka-15 and Ka-18.

**1960 : Ka-22 Hoop *Vintokryl***

This convertiplane reaches several records but only one unit was produced.



**October 14, 1961 :**

The Ka-22 reach 337 km/h on 100 km circuit

**1965 :** [Ka-25 Hormone](#)

Ship on board helicopter for the Soviet Navy. Near 500 built up to 1975

**Ka-25BSh Hormone - A :** ASW variant

**Ka-25OTH Hormone - B :** Targeting variant for feeding guidance data to cruise missiles launched by surface warships and submarines

**Ka-25PS Hormone - C :** SAR variant

**Ka-25K :** Civilian Crane variant



*Rotor diameter: 15.74 m*

*Length: 10 m*

*Height: 5.37 m*

*Weight: 4770 kg - Max: 7500*

*Engine: 2 Glushenkov GTD-3F of 900 hp*

*Speed: Max: 220 km/h*

*Range: 400 km*

*Service Ceiling: 3500 m*

**1966 :** Ka-26 Hoodlum - A

A typical Kamov design, a multi-purpose helo widely used by Aeroflot and several countries. More than 600 units built.



The derivative Ka-126 with a Ka-26 in the background.

**1969** : V-50

An attack helicopter project with **tandem rotors** . Cancelled.

**Nov 24, 1973** :

Nikolai Kamov dies.

**1978** : [Ka-27 Helix](#) ~~PAGE~~

**1981** : Ka-28 / [Ka-32](#) Helix

Civilian derivative and export variants of the Ka-27

**July 27, 1982** : [Ka-50 Hokum](#) [V-80] ~~PAGE~~

**1986** : Ka-116 Hoodlum - B

Turbine engine development of the Ka-26

**Middle of the 80s** : V-100



A heavy attack helicopter project with a pusher propeller to exceed the speed of 400 km/h . It was to be armed with 3000 kg of bombs/rockets, two guns, and two anti-radar/anti-ship missiles Not built.

**1990** : Ka-118

A NOTAR ( *No Tail Rotor* ) development.

**1993** : Ka-128

A Ka-126 development with an added intermediate gearbox , and Bendix King avionics.

**1994** : Ka-62 / 62M ( 64 )

Unique single main rotor operational helo by Kamov



**1994** : Ka-226

Twin engine development of the Ka-126

**90s** : [Ka-37](#)

An unmanned coaxial helicopter developed with **Daewoo** of South Korea initially designed for agricultural tasks .

Performances are a max weight of 250 kg ( 50 payload ), speed of 110km/h, and flight duration about 45 minutes.

**1996** :



Werewolf  
Alligator  
&  
Black Shark

The **Hokum**  
export  
variants

? : [Ka-40](#)

The new helicopter for the russian navy



