For Missions Accomplished

Whatever the mission, whatever the condition, wherever the place, we'll get you where you're going.
A Swiss Made Helicopter

Kopter Group was founded for the purpose of developing, manufacturing and supporting a new generation of turbine helicopters. With this vision in mind, Kopter Group launched the SH09, delivering best in class hot and high performance, the largest cabin/cargo volumes, outstanding modularity and modern electronic systems. Our SH09 is the Swiss response in making a helicopter. It is built for missions accomplished, from the most demanding to the everyday.
Designed for Multi-Mission

At Kopter Group, we promise that whatever your missions, whatever the times, wherever the places, Kopter will get you where you’re going — safely, quickly and consistently.

Therefore, the SH09 offers the highest standards of safety, performance and comfort, coupled with low operating costs. It may be suitably equipped to operate in the most adverse environments. With a fast cruise speed of 260 km/h (140 knots) it is not only one of the fastest helicopters in its category, but it also offers a long range — in excess of 800 km (430 nautical miles) with standard fuel tanks.

A noteworthy characteristic is its extremely low noise level, not only inside the cabin, but also externally.

### Technical Data Characteristics (Sea level, ISA)

<table>
<thead>
<tr>
<th>Metric</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Take-off Weight with Internal load</td>
<td>2,650 kg / 5,842 lbs</td>
</tr>
<tr>
<td>Capacity</td>
<td>1 Pilot + up to 7 Passengers</td>
</tr>
<tr>
<td>Sling-load capacity</td>
<td>1,500 kg / 3,300 lbs</td>
</tr>
<tr>
<td>Maximum operational weight with External Load</td>
<td>2,800 kg / 6,170 lbs</td>
</tr>
<tr>
<td>Power Plant</td>
<td>HONEYWELL HTS 900</td>
</tr>
<tr>
<td>Maximum Take-Off Power (thermodynamic power equivalence)</td>
<td>1020 shp / 760 kW</td>
</tr>
<tr>
<td>Fast cruise speed (at MTOW)</td>
<td>260 km/h / 140 kts</td>
</tr>
<tr>
<td>Maximum Range and Endurance (with standard tanks)</td>
<td>800 km / 430 nm</td>
</tr>
<tr>
<td></td>
<td>3.7 hrs to 5 hrs</td>
</tr>
<tr>
<td>First flight in Switzerland</td>
<td>October 2nd, 2014</td>
</tr>
</tbody>
</table>

### Four missions

- **Mission: Passenger**
- **Mission: Utility**
- **Mission: Security**
- **Mission: Medical and Rescue**

#### Glass Cockpit

Innovative, ergonomic and intuitive man-machine interface with a modular glass cockpit designed to enhance safety and situational awareness. The avionics suite provides all-weather operations capability, including a full digital NVG compatible cockpit with large area displays and enhanced graphics.

#### Rotor System

Superior maneuverability using an advanced rotor system with 5-blades in full composite.

#### Composite Cell

A lightweight cell constructed of composite material with high crash resistance, excellent aerodynamics and the high ceiling optimized cabin configuration, unsurpassed, with regards to available space, ease of loading, in flight visibility and unrivalled comfort.

#### Modern Turbine

The HTS900 engine incorporates next generation technology including a dual Centrifugal Compressor, bringing increased power output, reducing engine fuel consumption, no hard TBO (Time Between Overhaul), a modern FADEC (Full Authority Digital Engine Control) and excellent hot and high performance.

#### Shrouded Tail Rotor

The SH09 is fitted with a shrouded tail rotor resulting in reduced noise emission levels, low maintenance layout, high safety level as the risk of contact with obstructions or bodily harm is greatly reduced.

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We are taking helicopter flight to new levels. Kopter: For missions accomplished.
Mission: Passenger

For A Nice and Easy Ride

At Kopter, our mission is to bring you the next generation helicopter for your passenger transport.

Multiple layouts for passenger transport giving you the largest legroom in its category and flexibility for added cargo through the rear-access clamshell doors. Up to 8 seats are available for touristic flights or helicopter shuttle applications and there is space for up to 10 suitcases. The low vibration levels reached with the 5-blade main-rotor will increase the level of comfort and create your ultimate flying experience.

Multiple layouts
Multiple layouts for passenger transport giving the largest legroom in its category and flexibility for added cargo through the rear-access clamshell doors. Up to 8 seats are available for touristic flights or helicopter shuttle applications.

Comfort
The low vibration levels reached with the 5-blade main-rotor will increase the level of comfort and create your ultimate flying experience. Added comfort is made possible from the silent noise signature of the shrouded tail rotor, the narrow tail-boom and other key features.
A Real Workhorse

At Kopter, our mission is to bring you the next generation helicopter for utility missions.

With an external load capacity of 1,500 kg or 3,300 lbs, the SH09 will enter the fire-fighting squadrons and the flying cranes around the world. It is the new generation of multi-purpose single-engine light transport utility helicopter. Designed to respond to the growing demand for total mission flexibility and multirole capability in the 2.5 ton class.

→ 1500 kg External cargo load capacity
→ High Visibility
→ 1020 hp Outstanding Hot & High Performance

External load
With an external load capacity of 1,500 kg or 3,300 lbs, the SH09 will enter the fire-fighting squadrons and the flying cranes around the world.

Sliding doors
Equipped with sliding doors on both sides of the aircraft, SH09 also offers a unique high ceiling cabin as well as the largest luggage compartment for this category of helicopter that will bring added space, unobstructed accessibility making it the most multi-mission helicopter and creating added-value for day to day operations.

We take utility missions to new levels.
Kopter: For missions accomplished.
Ready for Surveillance Operations

At Kopter, our mission is to bring you the next generation helicopter for your safety and observation missions.

For police missions, aerial utility, observation flight, surveys and filming, your operations will benefit from multi-attachment prepared flat-floor and a vertical reference window for an improved monitoring of the ground environment. Making the best of the fast cruise speed of 260 km/h (140 knots), your mission will also benefit from the very long endurance of up to five hours and a range of up to 430 nautical miles.

Mission: Security

We take surveillance and law enforcement missions to new levels.
Kopter: For missions accomplished.

→ 5 h
Endurance

→ 430 nm
Range

→ Silent
Low noise signature

Improved monitoring
Multi-attachment prepared flat-floor and standard built-in vertical reference window for an improved monitoring of the mission and of the ground environment.

Avionics Suite
The SH09 features an integrated cockpit avionics suite providing flight crews with an array of flight displays designed to optimize equipment readability, situational awareness, enhanced navigation, and more. This enables flight crews to operate in a safer environment while relieving crew workload.

Rotor System
Superior manoeuvrability with 5-composite blades and an advanced Rotor System. Benefit from reduced vibrations, maintenance requirements and higher safety with absence of risk of mast bumping.
A New Generation of Medical Air Transport

At Kopter, our mission is to bring you the next generation helicopter for your medical and rescue missions.

For medical and rescue missions, your operations will benefit from the high clearance tail-boom that will let the ground crew stand underneath and load the stretcher and all of the medical equipment with ease.

Land on unprepared surfaces and load the patient from the facilitated, standard rear-access clamshell doors or through the wide side sliding doors. The flat-floor design will enhance the versatility of your helicopter-ambulance and a unique vertical reference window will enable your crews to monitor the mission with a direct view below the ground.

Mission: Medical and Rescue

We take medical and rescue missions to new levels.
Kopter: For missions accomplished.
Your Requirements are our Obligation

At Kopter, our mission is your mission: to take people and cargo where others can’t. So that wherever you are, wherever you go, we’re with you every step of the way.

Mission: Accomplished

Let's embark on a journey together with the Swiss response in making a helicopter.
Kopter: For missions accomplished.