

AVILUS

RESCUE. PROTECT. PROVIDE.

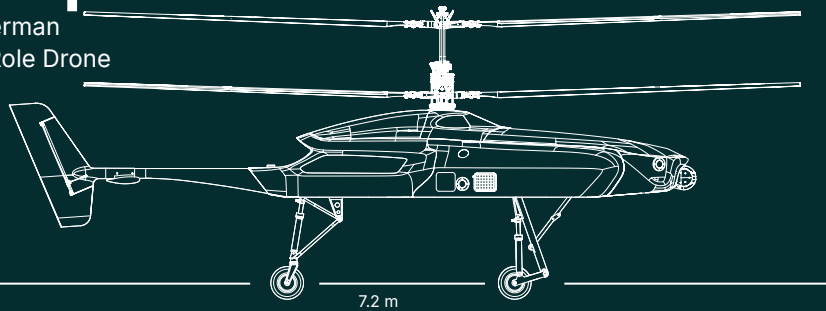


9Y✚01

Wespe

Wespe

The German
Multi-Role Drone



Wespe is a multi-role tactical UAV ideal for airlift, close air support and medical evacuation in land operations and naval scenarios. With its piston engine, the drone offers a range of 300km and a total payload of 200 kg, which can be upgraded to 350kg in the turbine

version. The Hensoldt ARGOS-8 supports the missions with its ISTAR functionalities. Optionally, an aircraft mission protection system (Hensoldt AMPS-M) can be installed. As usual, our RASCORE avionics system ensures compliance with EASA regulations and military suitability.



Tactical Airlift

On-demand emergency resupply in high-risk environments via air-dropped speedbags.



Close Air Support

Force protection through the tactical employment of precision-guided munitions for anti-armor defense and direct-fire weapons.



Medical Evacuation

The medical cabin fits Wespe's freight volume which creates an asset for medical evacuation in high risk naval and land operations.



Avilus RASCORE Air

A military grade avionics system providing reliable guidance, navigation and flight control even in contested environment.

Wespe - 9Y

Feature	Metric	Imperial
Enclosing Diameter	7.2 m	23.6 ft
Rotor Diameter	6.5 m	21 ft
Packing Size	20ft ISO-container	
Cruise Speed	120 km/h	67.5 kts
Service Ceiling	5500 m	18045 ft
Max. Range	300 km	162 nm
Engine Power	180 kW	245 hp
Fuel Consumption	29 l/h	7.7 gal./h
Engine	Piston	Turbine
Total Payload	200 kg / 441 lbs	350 kg / 772 lbs
Max. Take-Off Weight	650 kg / 1433 lbs	900 kg / 1764 lbs
Fuel	unleaded gasoline	JET A, JET A-1, JET B, No.3 Jet Fuel, TS-1, RT, NATO code F-34 (JP8), F44 (JP5)
Safety	Multi-layer fail-safe system design	
Flight Control	Primary and secondary flight control system	
Navigation	Satellite and inertial navigation	
Data Links	Multiple LOS and BLOS links including high-bandwidth satellite communication	
Ground Control	Mobile-duplex GCS, vehicle integratable	
Battle Management	Integrated for planning, dispatching and monitoring	
Self Protection	Hensoldt AMPS-M	
Optics	Hensoldt ARGOS-8	

Get in touch with us

Avilus is a manufacturer and operator of a new class of dual-use drones for medical evacuation, logistics, and ISR support.

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