ROZE MOBILITY

groupe ROZE

SH-917 AUTOMATIC HELICOPTER

Transport aerial works MTOW 550 Kg
Carbon composite structure – two bladed main rotor

The SH-917 is a high-performance uncrewed aerial system (UAS) designed to operate seamlessly across both civil and military domains. It is engineered for a wide range of applications, from autonomous cargo transport, surveillance search and rescue and defense.
With an extended 8 hour endurance and autonomous vertical take-off and landing (VTOL) capability, its versatile architecture, the possibility to integrate advanced payloads, the SH-917 is a true versatile aerial platform.

SH-917 AUTOMATIC HELICOPTER

MTOW	**550kg**
Payload capacity	250 kg
Average fuel consumption	22 l/h
Max speed@ 100 %	100 kt
Cruise speed @ 85 %	90 kt
VNE @ S/L	120 kt
IGE hover ceiling ISA, max weight	5,000 ft
IGE hover ceiling ISA, 50kg cargo and 2	7,500 ft
Engine EP912STi	**160 hp – flat-rated at 150 hp**
Fuel tanks	160 L + additional fuel tanks if required
Fuel	min. MON 85 RON 95 min AKI 91 (leaded, unleaded, AVGAS 100LL)
Payload	250 kg capacity

Payload	**230 kg**	**190 kg**	**130 kg**	**90 kg**
Endurance	1h	3h	6h	8h
Range, up to	150 km	450 km	900 km	1200 km

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Possible configurations

Fire fighting

Rapid supply