





- ESCAPE is a newly designed two-seater side-by-side helicopter, characterized by its extreme lightness and high power. It combines long-range autonomy, low fuel consumption, and reduced operating costs with highly competitive performance. These winning features of ESCAPE have been achieved through the choice of a state-of-the-art engine and meticulous research into new materials.
- LAMANNA HELICOPTER is an Italian company that, thanks to the professional skills and over twenty years of experience of Roberto Lamanna, has developed exclusive technical solutions protected by various patents. These solutions have allowed the achievement of construction characteristics of aeronautical standards.
- The pressurized titanium frame, the entirely carbon cabin structure, the unmodified Rotax 915 engine, the rotor blades made of infinite-lifespan composite materials, the elastomeric rotor hinges, the low parasitic resistance transmission, and the cooling system without electric fans are just some of the main features that distinguish ESCAPE.

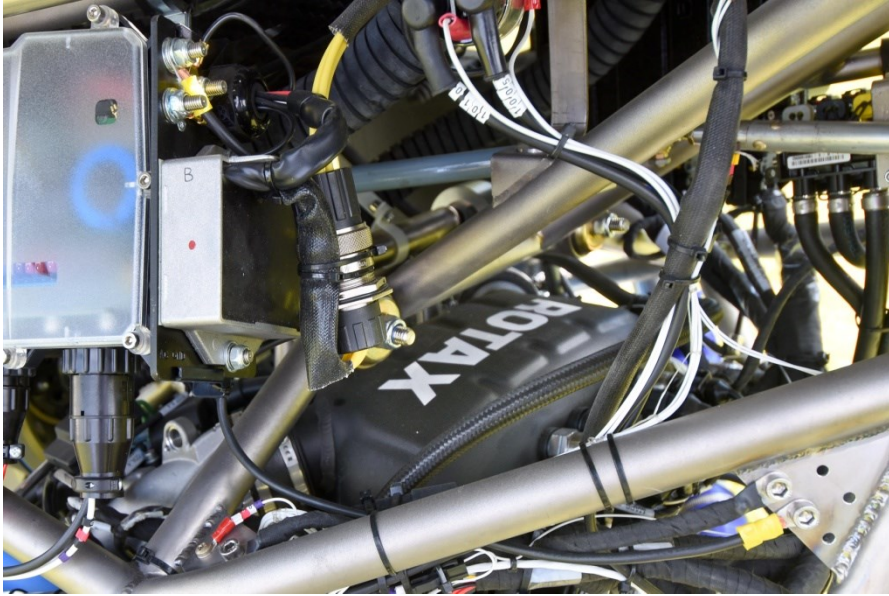


- The interior of the ESCAPE cabin features two side-by-side seats, offering great comfort even for individuals with a larger build.
- All controls are easily accessible.
- Two storage compartments have been integrated beneath the seats.



The four areas dedicated to flight instruments and controls are well-separated, easily identifiable, and designed to accommodate customized solutions.





- A precise installation ensures easy inspectability of the various components, all of which are easily accessible, with the aim of minimizing maintenance costs.
- The inspection of the entire engine compartment, as well as the verification of the six temperature markers, is straightforward, and refueling is convenient.



- High-efficiency, aerodynamically optimized blades with an infinite lifespan, combined with an elastomeric pitch change hinge, ensure superior-class autorotation.



- Aluminum alloy blades without ball bearings or flapping hinges keep the tail rotor perfectly centered, reducing vibration levels and maintenance requirements.





- **STANDARD EQUIPMENT**

Power Absorb Reduction Device (PAR) / Must Dumping System (MDS) / Lateral Absorb Device (LAD) / Integrated Cooling System (ICS) / Set Collettivo System (SCS) / Main Chip Detector Easy Inspection / Tail Chip Detector Easy Inspection / Interactive Governor / Clutch / Electric Trims / Engine Management Unit (EMU) / Three-point seat belts with retractors

- **ACCESSORIES AND CUSTOMIZATIONS**

Landing light / Strobe light / NAV lights / Radio / Transponder / ELT / GPS / Heat-resistant transparent panels (blue-tinted or bronze-tinted) / Customized livery / Customized upholstery / Cabin heating / Ballistic parachute / Center-of-gravity hook

TECHNICAL SPECIFICATIONS

Parameter	ESCAPE
Seats	2 Side by Side
Engine	Rotax 915 is
Horse power max takeoff	141hp
Intercooler	Yes
Turbo	Yes
Fuel Injection	Yes
MTOW Max Take-Off Weight	1190 lb (600 kg)
EWE - Empty Weight Equipped (incl oil & std avionics)	616 lb (290 kg)
PAYLOAD (pilot, passengers, baggage, fuel, other)	578 lb (310 kg)
Standard Tank Carburant	17 gal (65 L) 47 kg
Auxiliary Tank Carburant	9 gal (35 L) 25 kg
Fuel Consumption for Hour	3-6 gal (13-24 l/h) 10 -17 kg
PAYLOAD w. Full Tank	238 kg
Avgas 100 LL	Yes
Green Fuel	Yes
Power to Empty Weight Ratio	2 kg/hp
Cruising speed	100 mph (160 km/h)
Vertical climb ratio	1500 ft/min.
Endurance Max Consumption Fuel	4 h
Max Range 85 kn	720 km
Max Airspeed (Vne)	130 kn (240 km/h)
Hover Ceiling IGE	11500 ft, 3500 m
Hover Ceiling OGE	9500 ft, 3000 m
Engine Max Operating Altitude	23000 ft, 7000 m
Electrical system	12 volt
Operating cost per hour	\$ 115,00 (€ 106,00)
TBO Time Between Overhaul	1200 engine-2000 helicopter

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