



BACK to BASICS

The newest edition of the proven EC145 platform, the EC145e is a powerful, reliable and affordable light twin helicopter boasting a short delivery lead-time, excellent cost competitiveness, and an increased useful payload of 149 kg/330 lb.

Combining the well-known features of the EC145 with the benefits of a predefined configuration – complete with a dedicated equipment list – the EC145e is perfectly suited for **law enforcement missions**, air medical, utility, aerial work, firefighting and passenger transport.

EC145e

Law Enforcement & Surveillance

MA
METRO AVIATION

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LE Configuration

Delivering performance and designed to meet operational demands :

- Spacious interior with a large unobstructed flat floor cabin providing excellent cockpit visibility for pilots/crew as well as unrivalled loading capability from the rear and side
- Flexibility in role change including rapidly interchangeable optional equipment, such as the rescue hoist, internal long range fuel tank, cargo hook, bambi bucket amongst others
- New state-of-the-art "Single Pilot VFR Day" glass cockpit for optimized mission efficiency and safety:
 - Garmin 500H - a unique color coding, warning and information concept
 - GTN 650 GPS and communication system with a bright colored, easy-to-use touchscreen reducing pilot workload

No compromise on Safety

- Fully compliant to the latest crashworthiness requirements FAR29/CS29 – airframe, landing gear and seats
- High set main rotor system
- Redundant systems – hydraulic, electrical and lubrication for the main transmissions



Passenger Transportation		
Configuration	Pilots	Passengers
Standard seating - High density seating	1/2	9/8 - Up to 11
Weight		
Maximum takeoff weight	3,585 kg / 7,903 lb	
Useful load, baseline aircraft definition	1,810 kg / 3,990 lb	
LE Equipment including Air Conditioning 5 place cabin seating and TFO station Rappel system, PA system and Downlink FLIR, Aerocomputer 3 array display and SX16 with IFCO	506 kg / 1116 lb	
Empty weight	2228 kg / 4911 lb	
Remaining useful load	1357 kg / 2991 lb	
Engines (2 Turbomeca ARRIEL 1E2 turboshaft)		
Maximum 2.5 min power - One Engine inoperative (OEI)	574kW / 770shp	
Performance at 3,300 kg (7,275 lb), SL, ISA		
Fast Cruising speed	250 km/h / 135 kts	
Hover ceiling IGE	3,840 m / 12,600 ft	
Hover ceiling OGE	3,445 m / 11,300 ft	
Maximum range with standard tanks	685 km / 370 NM	
Maximum endurance at 65 KIAS	3:40h	
Operational Limitations		
Maximum operating altitude	5,485 m / 18,000 ft PA	
Minimum temperature	- 45°C / -49°F	
Maximum temperature	ISA + 35°C / 95°F, limited to + 50°C / 122°F	