

Intermediate

EUROCOPTER EC-145



THE EUROCOPTER EC-145 IS A MULTI-MISSION HELICOPTER, WHICH CAN BE CONFIGURED FOR UP TO 9 PASSENGERS AND PILOT. INCORPORATING STATE-OF-THE-ART TECHNOLOGIES TO REDUCE CREW WORKLOAD, THE EC-145 COMBINES A GLASS COCKPIT (MEGHAS) WITH DIGITAL AVIONICS DISPLAY, COMPOSITE TECHNOLOGY, REDUNDANT MAIN SYSTEMS AND COMPONENTS TO ALLOW FOR OPTIMAL PERFORMANCE IN DEMANDING ENVIRONMENTS.

GENERAL DATA

Basic Operating Weight of Standard Aircraft	5,200 lbs.
Maximum Takeoff Weight	7,903 lbs.
Useful Load	2,703 lbs.
Maximum Takeoff Weight w/ Ext. Load	7,903 lbs.
Power Plant	2 Turbomeca Arriel 1E2 turbine engines
Passenger Transport	9 passengers 1 pilot, 2 litters

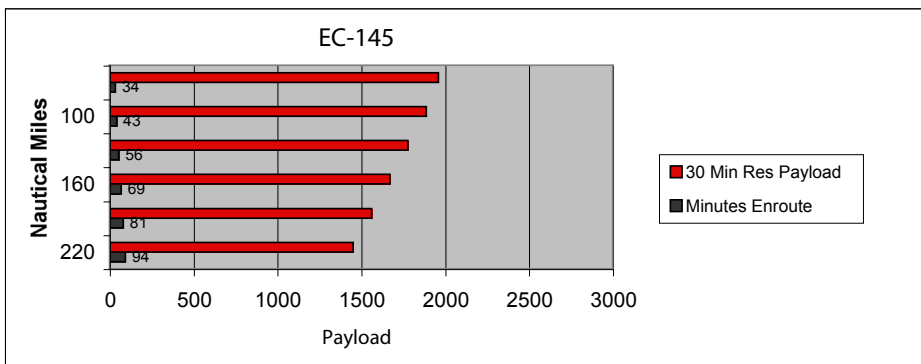
EMS CONFIGURATION

Casualty Evacuation	3 crew seats for doctor and attendant
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PERFORMANCE DATA

Performance data is provided at Sea Level, ISA conditions, maximum gross weight, with standard fuel. It is not intended for flight planning purposes. For performance data and operating limitations, see approved flight manual.

Maximum speed (vne)	145 kts.
Recommended cruise speed at SL	131 kts.
Rate of climb at SL	1,600 ft./min.
Service ceiling at MCP	17,200 ft.
Hover ceiling OGE (at 2,700 kg gross weight)	370 nm.
Endurance w/ standard tanks (at 2,700 kg gross weight)	3h35'
Maximum operating altitude	18,000 ft.
Maximum operating altitude for hover in ground effect, take off and landing	18,000 ft.
Minimum Temperature	-45C
Maximum Temperature	ISA + 35C (max + 50C)



Lake Charles: 600 Airport Service Road
Lake Charles, LA 70605
Toll-free: 800 655 1414
Tel: 337 478 6131

Alaska: 6160 Carl Brady Drive
Anchorage, AK 99502
Tel: 907 248 4422

www.erahelicopters.com

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HELICOPTERS LLC
a SEACOR company