

Introduction

As the quietest helicopter in its class, the twin-engine H145 offers exceptional performance along with upgraded main and tail rotor systems. This guarantees an unprecedented level of performance in both hover and one-engine inoperative conditions.

Performance

Hover ceiling OGE : 2,729 m

Hover ceiling IGE : 3,807 m

Recommended cruise speed : 241 km/h

Max* range with standard fuel tanks at SL : 650 km

Max* endurance with standard fuel tanks SL : 3 h 35 min

Flight envelope (temperature) : -45°C +50°C

Max altitude for TO and landing : 6,096 m

Sound level during level flight : 85.7 dB

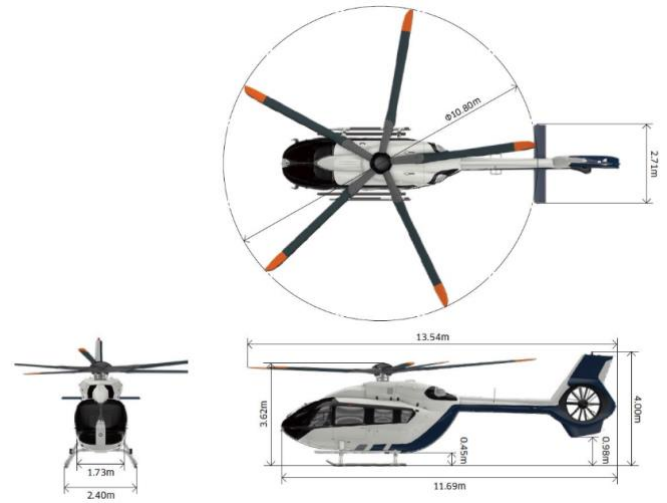
※ Reference values : Maximum total weight, standard tank, ISA + 20 °C, 5000ft

Dimensions

D-value : 13.54 m

Rotor diameter : 10.8 m

Internal volume (cabin and cargo compartment) : 6.03 m³



Characteristics

Crew + passengers : 1 or 2 pilots and up to 10 pax

Max takeoff weight (MTOW) : 3,800 kg

Max takeoff weight with external load : 3,800 kg

Useful load : 1,905 kg

Engine : 2 x Safran Helicopter - Arriel 2E

Standard fuel tank capacity : 723 kg

Takeoff power : 667 kW / 894 shp

Empty weight, Baseline Aircraft Definitions : 1,895 kg

Maximum dual cargo hook load (single hook) : 1,600 kg

load (HEC class D) : 800 kg



Configurations

The H145's compact footprint, unobstructed cabin and flat floor from nose to tail lend themselves to a full range of applications, including law enforcement, HEMS, and passenger transport.

Passenger transport

Eight passengers



The configuration with one or two pilots and eight passengers is perfect for transport or offshore airlift operations. The H145's large cabin accommodates an additional 1.31m³ of cargo, while its smooth ride provides for a relaxing journey.

slide 1, Passenger transport

10 passengers

The H145 can also carry 10 passengers in high density configuration

Public services

Emergency medical services

The layout with one or two pilots and up to two stretchers includes room for up to three HEMS crew members for emergency medical services missions. Efficient loading of stretchers through side sliding doors or rear clamshell doors facilitate patient comfort and safety.

slide 1, Public services

Law enforcement

The Airbus' H145 offers multiple seating arrangements for law enforcement operations – including a two-pilot configuration with an operator workstation installed in the rear position and space for four passengers, along with versions tailored for transporting up to five police officers (plus console operator), nine SWAT team members or 10 troops.



Helicopter emergency medical services (HEMS)

Building on the worldwide use of Airbus' H145 family in emergency medical services, the helicopter is tailored for primary and secondary missions and intensive care transport

Its spacious, unobstructed cabin was specifically designed to meet the requirements set by national medical regulatory agencies. The cabin accommodates one or two wheeled stretchers with partial or full suites of medical equipment for operation by three to five medical personnel.

The H145 benefits from multiple EMS cabin interiors, which were designed in cooperation with leading EMS providers based on HEMS customer feedback. The new Helionix® avionics suite allows safe and efficient HEMS operation under challenging conditions.



With its low external sound level, the H145 allows operations around hospitals and in urban areas.