



HELICOPTERS
Civil

H145



AIRBUS

The newest Airbus Helicopters solution for today's most demanding operations



- 2 Powerful Arriel 2E Engines, with FADEC (Dual-Channel Full Authority Digital Engine Control) and engine data recorder
- Upgraded main gear box
- 4-axis autopilot
- State-of-the-art avionics suite: Helionix®, a family concept for Airbus Helicopters' modern product line
- Safe & Silent Fenestron® Tail Rotor
- High-set tail boom produced with lightweight composite materials





The H145 is fitted with Helionix, the industry leading avionics suite

Enhanced Situational Awareness with integrated:

- Helicopter Terrain Awareness and Warning System (H-TAWS)
- Innovative “Power Limit - FLI” concept in one indication with permanent OEI limit “Blue Line”
- Synthetic Vision System (SVS)
- Digital moving map (D-MAP)
- Usage Monitoring System (UMS) package completed by Health Monitoring System (HMS) (in option)

Enhanced Mission capabilities:

- Single/Dual pilot IFR certified with Satellite Based Navigation (SBAS / LPV WAAS/EGNOS) and ADS-B Out
- Fully Night Vision Goggles (NVG) compatible



Spacious cabin

- Excellent outside visibility for pilot/s, crew and/or passengers
- Roomy cabin having neither partition nor protrusion, no center post, no door post
- Unrivalled side loading (no door post) and rear loading capability
- Flat floor all over the entire cabin area





Fast, Easy and Safe loading/unloading

The loading and unloading of equipment or crew while rotors are turning, can be made safely, quickly and easily from either side of the cab or at the rear.

The wide sliding doors and rear clamshell doors can all be easily manipulated with one hand.



One platform for a full range of missions

A wide range of rapidly interchangeable optional equipment, such as FLIR Camera, Fast Roping/Rappelling Beam, emergency floats, rescue hoist, searchlight and cargo hook is available for the H145. Together with its inherently versatile cabin layout, the H145 is ready to take on all types of missions,

NEWLY-DESIGNED ENGINES

The H145 is equipped with two modern and powerful Safran Helicopter Engines Arriel 2E, each controlled by a fully redundant dual channel Full Authority Digital Engine Control (FADEC).

SUPERIOR PERFORMANCE

The H145 offers outstanding all engine operative (AEO) performance, particularly in the most demanding environments, with unrivalled Cat. A operations at maximum takeoff weight (ISA +20 Sea Level).

- Performance class 1 (PC1) according to EASA OPS with full MTOW at SL and ISA.
- Flight envelope extension for Take-off & Landing IGE from 16,000 ft to 20,000 ft DA or PA whichever is less.
- Increased MTOW from 3.700 kg to 3,800 kg.
- Increased Human External Cargo (HEC) capability: + 230 kg payload in Hover OEI 2min.

UPGRADED MAIN GEAR BOX

The H145's main gear box has been enhanced to handle higher loads, and is certified for a 30-minute dry run capability.



HEMS, Suitable for primary and secondary missions

Quick, easy and safe loading/unloading of patients

- High-set main rotor and Fenestron® shrouded tail rotor allows operations even with the rotors turning
- Sliding side doors
- Two large rear clamshell doors

Spacious, unobstructed cabin

- Extensive space, providing full body access and greater comfort for the medical crew
- 1 or 2 stretcher capability with full/partial suite of medical equipment

Extremely low sound levels

Can operate in and around hospitals and urban areas with little disturbance

Unrivalled safety level

- 360° approachability
- Cat. A at MTOW
- Engine power to weight ratio in OEI
- Crashworthy fuel tank & fuselage, energy absorbing landing gear
- Redundant hydraulic & electrical systems

Suitable for both Onshore and Offshore missions

Oil & gas passenger transport

- Certified FAR29 for increased safety
- Long-range capability
- Large cabin size
- Emergency push-out windows
- Reduced operational costs
- Capacity to transport up to 8 passengers (+1 or 2 pilots)
- Compact size, enabling landing in confined areas

Full provisions offered as required by EASA ops

- Color weather radar system
- Emergency flotation system, External life raft see state 6 certified
- Helicopter emergency egress lighting (HEEL)
- Automatic deployable emergency locator transmitter
- Cockpit Voice and Flight Data Recorder (CVFDR)

SAR-dedicated equipment

- High-definition forward-looking infrared sensor
- Search radar, Digital moving map
- Left- or/and right-hand hoist installation capability
- HEC certified external hoist system
- Sealed cabin floor





Law Enforcement and Parapublic, versatility and “quick role change” capability enables any mission

Police configuration

The night vision goggle-compatible arrangement is equipped with :

- A powerful searchlight
- An external hoist
- Capability for external roping, with two persons simultaneously on each side
- Hailer

Additional equipment and packages

- Electro-optical system fitted with searchlight-slaving mode
- Digital video recorder
- Video downlink
- Operator workstation in the cabin
- Mission Management System (MMS)
- Enhanced Reality System (ERS)

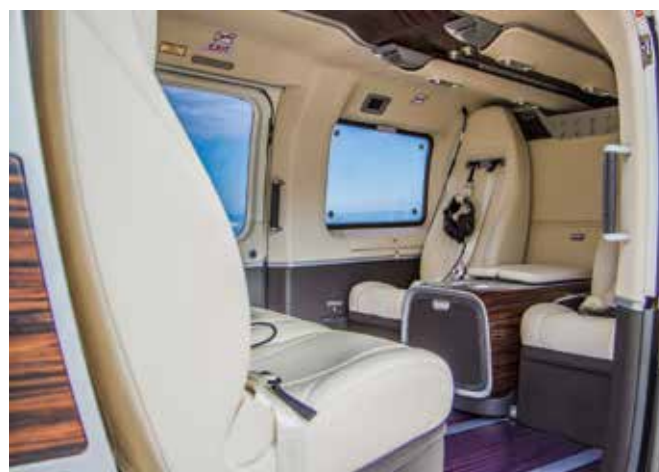
Private & Business Aviation

To differentiate its approach to Private & Business Aviation, Airbus Helicopters introduces ACH – Airbus Corporate Helicopters – its exclusive brand offering end to end service-based ownership experience.

ACH provides an exclusive platform from which customers can benefit from best in class Corporate and VIP transport solutions, tailored completion and service. ACH ensures that only the highest quality materials and the best craftsmanship are on offer to customers.

ACH range now features the ACH prefix: ACH125, ACH130, ACH135, ACH145, ACH160, and ACH175.

Please visit our dedicated website
airbuscorporatehelicopters.com



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AIRBUS

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