



HELICOPTERS  
Civil

H175



AIRBUS

An aerial, high-angle photograph of an Airbus H175 helicopter in flight over a dark, choppy ocean. The helicopter is white with green and yellow accents. The tail boom features the Airbus logo and the text 'AIRBUS HELICOPTERS'. The main rotor hub is visible at the top, and the tail rotor is partially visible. The helicopter is angled towards the left of the frame. The text 'A step change in class of comfort, efficiency and cost effectiveness' is overlaid in large white font on the lower-left portion of the image.

**A step change  
in class of comfort,  
efficiency and cost  
effectiveness**

**Designed in collaboration with major Oil & Gas (O&G) and Search and Rescue (SAR) customers and operators.**

The H175 responds to the most demanding market requirements:

- More comfort with more light and volume per passenger
- Simpler and safer to fly with extensive pilot assistance
- Higher availability with simplified maintenance offering the best economic competitiveness and the lowest cost per seat/mile in its category

Designed to meet the latest safety standards.

A quantum leap in mission capability





## The benchmark for comfort

### Appreciated by anyone who has flown the H175 due to:

- Comfortable energy-absorbing seats
- The highest volume per seat
- 4 seats maximum per row
- Regulated temperature both in cabin and cockpit
- Auxiliary power unit (APU) like mode for cabin preconditioning on ground
- Extra-large windows offering panoramic view
- Large sliding doors for easy access
- Lowest internal and external sound level in class
- Lowest vibration in class
- High speed giving reduced transit times

Providing an ultra-smooth ride

## Helionix® on board

### The latest Airbus Helicopters avionics suite providing:

- Unrivaled pilot assistance
- Unique flight envelope protection
- Intuitive human-machine interface
- Extensive self-monitoring system
- Explicit alerting system
- Enhanced situational awareness with integrated digital map, HTAWS, synthetic vision system
- Dual-duplex 4-axis Automatic Flight Control System (AFCS) for precision and stability, even in the harshest weather conditions and demanding missions including search and rescue modes
- All Engines Operating (AEO) / One Engine Inoperative (OEI) management (dual channel FADEC)
- Innovative on-demand vehicle monitoring system display
- New autopilot modes: Ground Trajectory Control, Recovery, Automatic hovering...
- Automatic Rig approach (Rig N'Fly)
- Localizer Performance with Vertical guidance (LPV) approach up to 10° slope
- Performance Based Navigation (PBN)
- Automatic collision avoidance with TCAS II coupled to the autopilot

Resulting in lower pilot workload in all weathers and enhanced safety





## Designed with built-in safety

**H175's design complies with – or exceeds – the latest CS29 standards, with :**

- Fully-redundant systems
- Quick and easy egress through extra-large windows (exceeding EASA Type IV certification requirements)
- Each passenger is seated at a maximum of one seat from the window
- 30 minutes Main Gear Box dry run Certification - test demonstrated
- Energy-absorbing landing gear, seats, structure and fuel tanks
- Emergency floatation devices (Sea State 6 capability) Manual inflation in-flight, or automatic backup at ditching
- High floatation water-line reduces risk of capsizing
- Two external life rafts
- Tail-fin forward-looking camera
- Safe Tail Rotor high position
- Unique and extensive panoramic view giving the pilot superb situation awareness
- HUMS in the baseline configuration with a digital datalink to ground station

## A powerful aircraft

**H175 is fitted with two Pratt and Whitney Canada PT6C-67E – the latest version from a proven engine family**

- Powerful engine offering safe Cat. A - Class 1 performance
- Extended power duration (at TOP Rating) available
- Dual channel FADEC
- One Engine Inoperative training mode
- High payload due to optimized equipped empty weight
- Fast cruise speed
- Unrivalled standard fuel tank capacity

The H175 offers, in its class, the best payload / range for offshore missions in PC1 performance



## OPTIMAL MAINTAINABILITY BY DESIGN

**The H175 benefits from Airbus' comprehensive experience and use of latest methodology**

- Optimized scheduled maintenance program defined i.a.w. Maintenance Steering Group (MSG-3 3<sup>rd</sup> issue)
- Continuous update through cooperation with operators to include in-service feedback
- Compatibility with a customer's progressive maintenance plan
- Maintainability designed to reduce helicopter downtimes
- Easy equipment accessibility
- Equipment monitoring and failure reporting through Helionix®
- 3D technical documentation

High operational availability  
e.g. the operator NHV flew 1500 hours in 2017 with SN 5016



## Offshore transportation

With a cabin capacity up to 16/18 passengers, the H175 raises the bar in terms of operational efficiency, safety and comfort in offshore operations. It offers the longest range capability in its class with high payload and power (using safest performance class 1 procedures) that allows efficient and safe operation.

Passengers appreciate its high speed with low sound level (internal and external) and vibration. The large cabin volume fitted with regulated air temperature and scenic windows offers outstanding comfort. Crews love the Helionix® avionics suite pilot assistance, flight protection and the intuitive Human Machine Interface that significantly reduce their workload. All is packaged in a roomy cockpit, in addition with a unique and extensive panoramic view giving the pilot superb situation awareness.

High operational availability and maturity of the H175 has been confirmed in its successful entry into service in the North Sea, American, Oceania and African operations.

H175 is recognized as offering the best economic competitiveness and the lowest cost per seat/mile in its category.

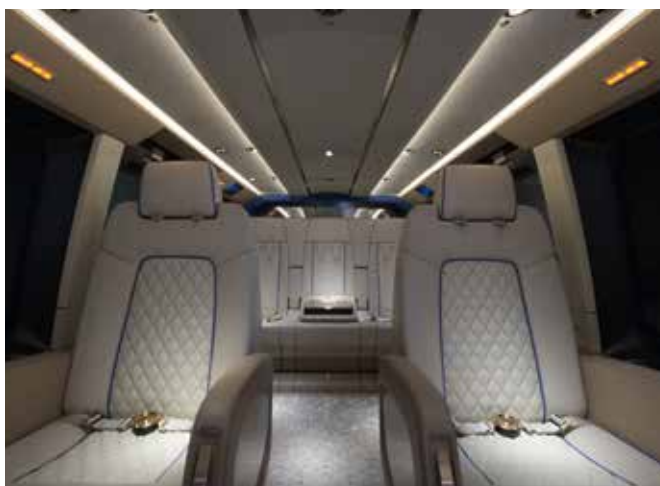


## Public Services SAR / EMS / Law Enforcement

The public services configuration offers multi-role capabilities, enabling speedy and seamless transformation to mission requirements.

The wide range of missions that can be performed include SAR operations, emergency medical services, firefighting, law enforcement and land/maritime border security patrols...H175 long range capability plus its hovering stability and its power margin will be very valuable for these missions on top of offshore valuable features.

Numerous cabin layouts can be configured for mission efficiency with direct access to the large cargo compartment. The mission equipment/features already developed match most mission requirements fully integrated in the advanced Helionix® suite (SAR modes, Electro-Optical System, search light, cabin console, Single/dual hoist, hailer, fast roping, rappelling, armored protection, external lighting, camera...)



## 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](http://airbuscorporatehelicopters.com)



# Contacts

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## AIRBUS

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