

# H160

The first of the H generation



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## Key Features

- The twin-engine H160 brings form and function together in a highly stylized rotorcraft, which integrates as many as 68 different Airbus Helicopters patented technologies in order to provide a step change in customer experience. It is the new benchmark for style, performance, economic competitiveness, maintenance, safety and comfort with a low environmental footprint
- Ambassador of Airbus Helicopters' transformation plan, the H160 is setting new standards in the ways helicopters are being developed, manufactured and supported. To ensure maturity at entry into service, the development process relies on two integration benches called System Helicopter Zero and Dynamic Helicopter Zero alongside 3 prototypes.
- The front and central fuselage will be produced and assembled in Donauwörth, Germany, the blades will be produced in the blade manufacturing centre in Paris-Le-Bourget, the tail boom will be assembled in Albacete, Spain while the dynamic components will be produced in Marignane. The aircraft will be assembled in Marignane with a total industrial lead time of 24 weeks.
- The H160 will implement a paperless multi-support philosophy leveraging digital technologies, enabling quick and accurate information exchange for airworthiness and maintenance, allowing customers to make decisions faster. The H160 is designed to be as simple to maintain as a light twin helicopter with fast and easy accessibility.

## Main Missions

The H160 design makes it versatile in answering customers' needs for a wide array of missions:

- Oil & Gas
- Commercial Air Transport (CAT)
- Private and Business Aviation (PBA)
- Emergency Medical Transport (EMS)
- Public Services / Search and Rescue (SAR)
- Military: The H160M has been selected for the Hélicoptère Interarmées Léger (HIL, Joint Light Helicopter) programme which aims at replacing five types of helicopters in the three branches of the French armed forces. The programme launch has been brought forward to 2021 with first deliveries in 2026.

## Key Dates

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- March 2015: HAI unveiling of the H160
- 13 June 2015: First flight
- 27 January 2016: First flight of 2<sup>nd</sup> prototype with Arrano engines
- 13 October 2017: First flight of the 3<sup>rd</sup> prototype
- 14 December 2018: First flight of first serial helicopter
- 2019: Certification
- 2020: Entry into service

## Technical Specifications

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- Maximum take-off weight: 5,670 kg /12,500 lb
- Extended Gross Weight: 6,050 kg/ 13,338 lb (at day one, no penalties)
- Engine: Safran Helicopter Engines' Arrano
- Performance
  - Fast cruise speed: 285 km/h /155 kts
  - HOGE: 2,743 m / 9,000 ft
  - Range: > 850 km / > 460 NM
- **Crew Layout**
  - VFR : Single / dual pilot
  - IFR : Single / dual pilot
- **Passengers**
  - Commercial Air Transport, Oil & Gas : Up to 12 passengers with comfortable seats
  - Exclusive : Up to 8 passengers
  - Line : up to 10 passengers (sliding door)

*Updated as of June 2019*