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HELICOPTERS

H160

AIRBUS

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December, 2019.

Concept design by Airbus Multi Media Studio,
20193338.

Photos by Airbus, Jerome Deulin, Eric Raz,
Light&Shadow, Anthony Pecchi, Thierry Rostang.

This paper is produced in factories that are
accredited EMAS and certified ISO 9001-14001,
PEFC™ and FSC® CoC. It is produced using pulp
that has been whitened without either chlorine or
acid, lead, mercury or hexavalent chromium group.

The printer, Art & Caractère (France 81500), is
engaged in a waste management and recycling
programme for all resulting by-products.

H160 BR 12-2019



AIRBUS

The First of the next generation.

Breakthrough design (68 dedicated patents)

BLUE EDGE® blades:
Half the sound and zero flapping noise.

New canted fenestron®:
Greater useful load and flat flight attitude.

New SAFRAN ARRANO® Engines:
Fuel savings and lower emissions.

Comfort comes standard

No vibration:
Even at max cruise speed.

Best volume/seat:
Within the 12 pax class.

New generation Air-Cond:
Extra capacity and 100% reliable.

Every day easy

HELIONIX® family:
New AH avionics suite across the range.

Paperless Philosophy:
3D Technical Publication and e-FLM.

Field maintainability by Design:
Large maintenance desk and engine easy access.



Airbus reinvents the helicopter.

New development logic

Helicopter "0" concept:
"Iron Bird" bench for integrated systems and "wind tunnel" bench for dynamics.

New industrial model

4 main component assembly sites:
Germany, France (x2) and Spain.

New generation Final Assembly Line:
Only 40 days in 5 stations.

New support approach

Designed from the beginning (Digital Mock Up) to be easily maintained capitalising on the latest digital tools.

The new Airbus Helicopters manufacturing model enhancing Maturity.



Designed to build your own medical interior with major outfitters such as: Air Methods, Aerolite, Metro Aviation, Bucher, Mecaer Aviation group.



Emergency Medical Services

Help is on its way

H160 is ready to fly in less than 2min, up to 155kts and fly more than 420NM. The perfect secondary mission aircraft.

Patient centric

Help with patient stabilization:

No vibration even at Max speed.

Unique "flat" ride.

No downwash during loading operations.

Stress-free for crew

A very large customizable and comfortable working space with everything needed at hand.



Private & Business Aviation

ACH160 the ultimate passenger experience.

Ultra-modern, fast and agile, with a stylistically demanding design and the highest possible levels of comfort.

Developed in both ACH Line and ACH Exclusive versions, the interior is fully customizable from 4 up to 10 passengers with combinations of armchairs and luxurious bench seats and the option of integrating cabinets as required.

ACH - Airbus Corporate Helicopters is the Airbus Helicopters offer dedicated to its private and corporate customers offering end to end service-based ownership experience.



Oil & Gas.

Fly with confidence

Built to standards beyond those of IOGP

- Windows larger than type 4.
- Emergency flotation for >Sea State 6.
- New HUMS.

Efficiency

- Access more platforms (D-value < S76).
- Lowest cost/seat/NM in the 12pax class.
- Save training with Helionix®.

Committed to production

- Built in system monitoring.
- Avoid unnecessary return to base through the use of sensors' redundancy.
- New corrosion-resistant material (HiTak™).
- HLO friendly (New RPM laws on ground).





Single/Dual
pilot VFR/IFR



1 or 2
Pilots



Up to 12
Passengers



170kts
Vne

150kts
Max cruise speed
without vibration



6,050kg / 13,340lbs
MTOW



4h30
Max endurance



475NM
Max range



20,000ft
Max altitude



-15%
Lower cost/seat/NM

Maintenance.

Digital continuity

Full digital eco-system, consistent and intuitive, decreasing human factors risks.

3D technical Publications.

Multi-platform ground segment.

FlyScan services for HUMS analysis.

Field maintainability

Quick and easy opening engine and MGB cowlings.

Optimized access to upper deck.

Main and nose avionic bay architecture based on MMEL requirements.

Optimized maintenance plan

Engine and airframe schedules aligned.

50 hours pilot flyaway servicing.

Minimal removals between 1000 hours routines.

Flexible: Blocked or Progressive.





H1Care

H1Care by Airbus Helicopters, a complete service offer: whatever your need, where ever you operate, there is a customized solution for you, extending your missions and operations, enhancing Safety, Availability, Reactivity and Cost optimization.

A comprehensive range of solutions: Material Management, Technical Support, Helicopter Maintenance and Upgrades, Training and Flight Ops, Connected service.

**Important to you,
essential to us.**



F1160

AIRBUS

F-WWPL

EXPERIMENTAL

NORTH AMERICAN DEMO TOUR 2018 #02