

H175 – The new reference for Crew Change in Norway

Sept 20th 2022 – Solakonferensen Thierry Mauvais - Marketing **AIRBUS**

H175 Family Fleet Data



49Helicopters built



14
Operators



7,200Flight hours (fleet leader)



49Helicopters in service



12
Operating countries



155,000 Flight hours 15,000

Flight hours for the Public Service Fleet

Global H175 family fleet distribution





1175

H175 on « the other side » of the North Sea

- End 2021, 23 H175 are in-service in offshore role in the North Sea, flying more than 20,000 FH a year
 - o 6 x H175 in Esjberg (DK)
 - 15 x H175 in Aberdeen (UK)
 - o 1 x H175 in Norwich (UK)
 - 1 x H175 in Den Helder (NL)
- The average flight hours a year is about 1,000 FH with a good level of availability
- More than 200 pilots and 300 engineers are qualified and are working on H175 in the North Sea.







175

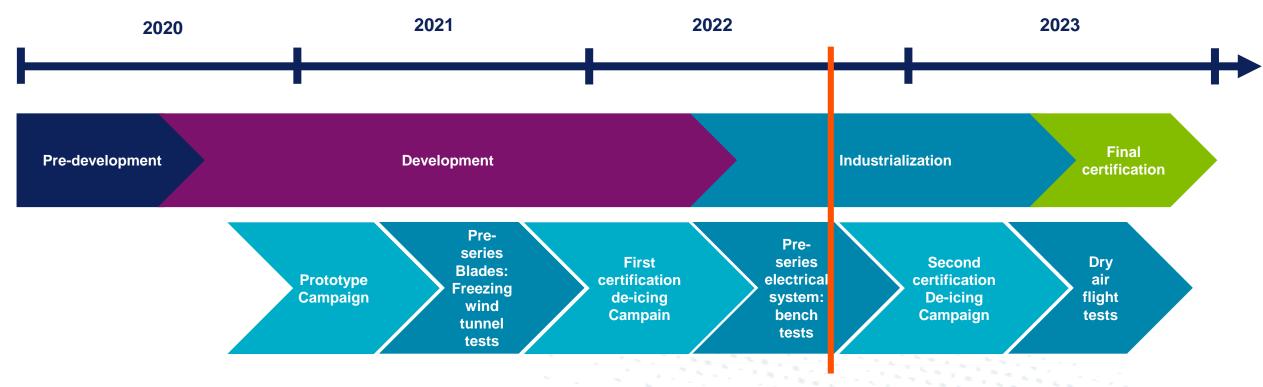
Flight envelope extended in icing conditions



AIRBUS

01/07/2022

Development roadmap



→ First deliveries planned in 2024



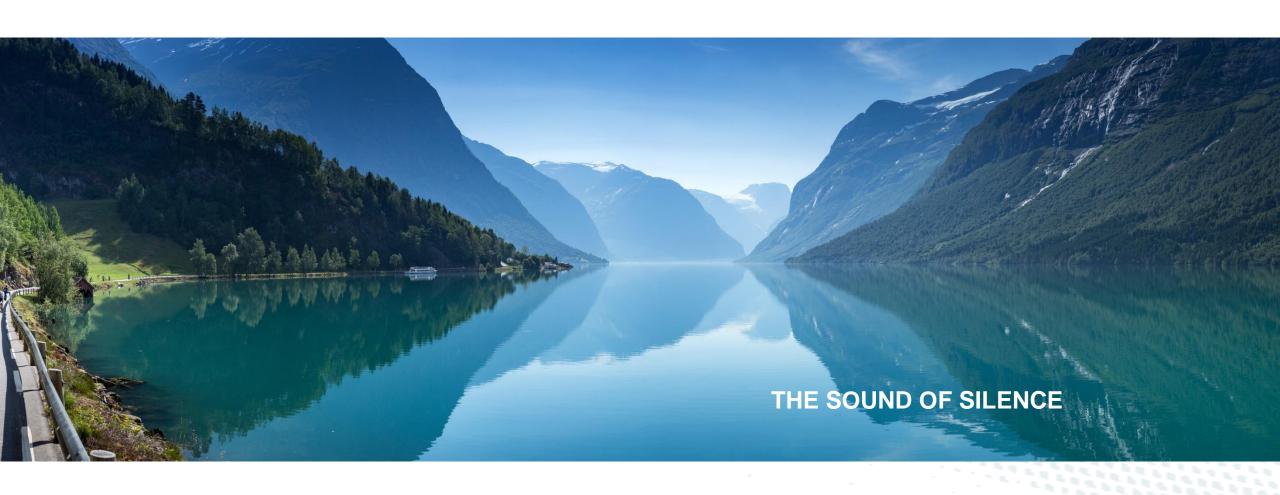
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2021 2022 de-icing campaign - Norway







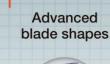


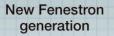
THE QUIETEST RANGE OF HELICOPTERS

Passenger car

69

dB(A)









New technologies



Integrating hybridization (being studied)

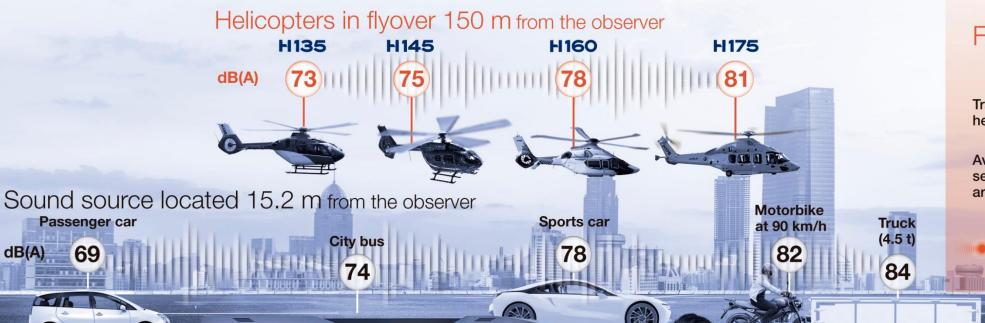














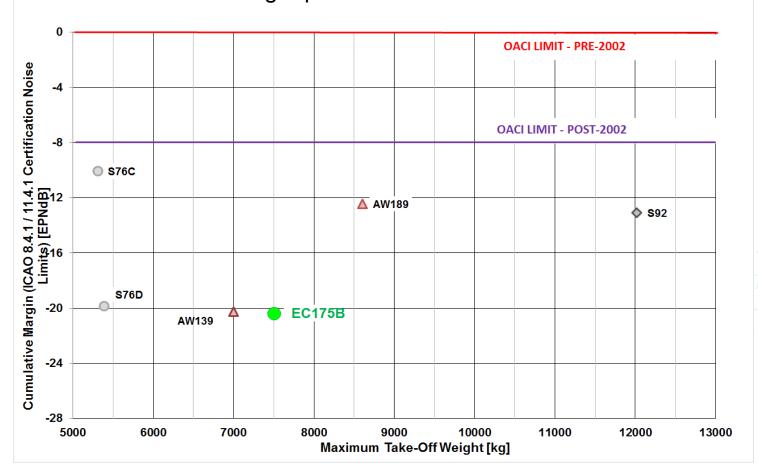






The quietest Super Medium helicopter

Takeoff flight phase external sound level





H175 is setting the standards for external acoustic footprint

Note: The noise levels in this document are the most accurate information to date and are subject to EASA and FAA certification (in 2019).



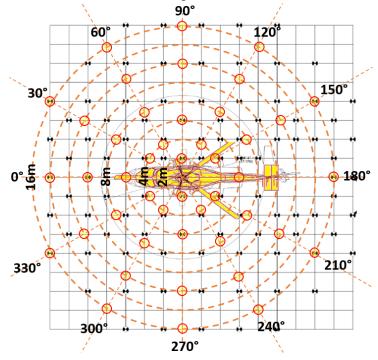


Noise measurement campaign

Ground near-field noise measurement

45 positions (O)

Ground surface: bitumen Height / ground: 150cm ±10cm Various RPM configurations



Internal noise measurement positions

9 positions (at headrest height)

Standard measurement position (ISO5129) Various RPM configurations With & without open door





Outcome: Computation of Noise exposure level (e.g L_{EX, A, 12h}) for various scenarii

- passengers, pilots (for a typical flight profile)
- HLO, passengers outside the helicopter





Noise measurement campaign protocol

