

AIRBUS

TRADE
MEDIA
BRIEFING
2022

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TRADE MEDIA BRIEFING 2022

Airbus Helicopters at a glance A unique global presence

6,509 B_€
Revenues in 2021

3,111
Operators



30
Customer
Centres and
affiliated sites

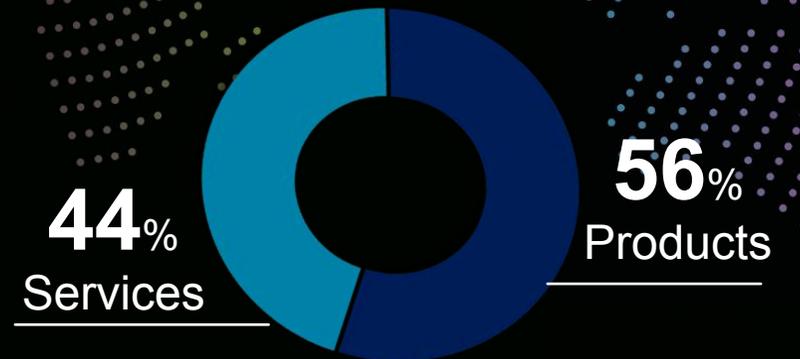
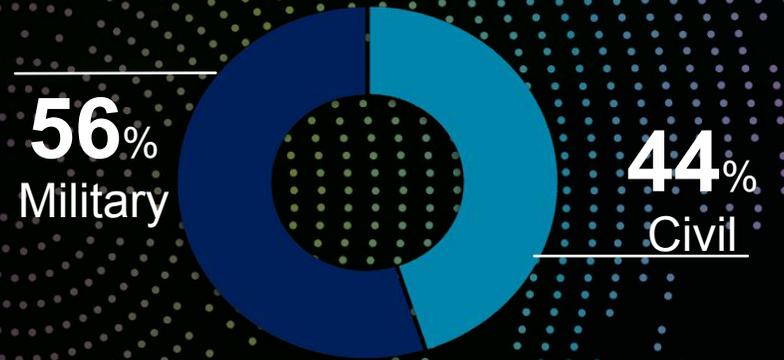
20,126
Employees

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Revenue split in 2021



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Military range

Light

H125M



H135



H145M



Medium

H160M



H175M



Heavy

H215M



H225M



Specialised

TIGER



NH90



VSR700



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VSR700

Flight trials over the sea are currently underway in the south of France with the VSR700 in its full ISTAR configuration.

The VSR700's unique autonomous landing and take off technology was demonstrated at sea in March 2022.

Agreement with Korean Air signed in October 2022.



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Morocco became the 12th military customer for the H135.

Other users include the United Kingdom, Australia, Germany and Japan.

Equipped with Airbus Helicopter's Helionix avionics suite.

Offers optimal safety conditions for basic and advanced training missions.



Cyprus orders the H145M (6).

The H145M is already in service in Hungary (20), Germany (15), Serbia (9), Thailand (5) and Luxembourg (2). The US Army operates a fleet of more than 460 locally built civil helicopters of the H145 family under the name UH-72 Lakota.

Ongoing deliveries of the UH-72B in the USA.



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H160M

France ordered 169 H160Ms in the frame of the light joint helicopter programme. First delivery planned for 2027.

First civil H160 delivered to a military customer in september 2022 : French Navy to start operations in 2023.

Final assembly of the first H160 for the French Gendarmerie (Law Enforcement) began during the summer.



H175M is Airbus Helicopters's solution for the super medium market.

Powerful, fast and agile asset with unrivalled range and high and hot performances to cover the most demanding military missions.

H175M Powerful, fast and agile

The modern and proven Super Medium solution offering unrivalled hot & high performance, high speed & low vibration, all weather capability, long range and versatile cabin to address the most demanding military missions.

Electronic Warfare System (EWS)

- Laser Warning System (LWS)
- Missile Approach Warning Sensors (MAWS)
- Chaff & Flares pods



Troop transport

Direct access to cargo



Up to 16 troop seats

Cockpit Helionix

- Family concept for quick and easy training
- Unrivalled pilot assistance
- Autopilot precision and stability



Machine gun on each side

- Fast roping: 1 per side
- Rappelling: 2 per side



All Weather Operations

Full icing protection system available

ID card

<p>MTOW (Max TakeOff Weight) 7,800 kg 17,196 lb Optional AGW</p>	<p>MAIN PERFORMANCE (7,800 kg MTOW at ISA SL) 600 NM 1,111 km Max range at best range speed with standard fuel tank</p>
<p>USEFUL LOAD 3,000 kg 6,615 lb Without Optional AGW</p>	<p>6 hours Max endurance at best endurance speed (80 kts) with standard fuel tank</p>
<p>CARGO SLING 2,700 kg 5,952 lb (Single hook operation)</p>	<p>SPEED Cruise 150 kts With maximum comfort</p>
<p>MAXIMUM ALTITUDE In flight 15,000 ft density altitude T/O & LDG 13,000 ft density altitude</p>	<p>CAPACITY 1-2 Pilots Up to 16 commandos Up to 18 passengers Cargo: 2.3m³ with direct access from cabin</p>
<p>FUEL CAPACITIES 2,067 kg 4,555 lb Standard fuel tank (all underfloor without cabin restriction)</p>	<p>OPERATING TEMPERATURE Max +50°C Mini -40°C</p>
<p>ENGINES 2 proven and reliable Pratt & Whitney PT6C-67 E with dual channel FADEC (Full Authority Digital Engine Control)</p>	

Infographic: Beards & Macrae and Airbus

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Combat proven, in service across the world. H225M customers include France, Indonesia, Thailand, Malaysia, Singapore, Mexico, Brazil, Kuwait, Hungary and UAE.

November 2021: First ever naval combat H225M delivered to the Brazilian Navy following Exocet firing.

Upcoming HForce firing campaign to qualify guided rockets on the H225M.



H215M/H225M

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NH90

NH90 unmatched capabilities:
maximum range is 982 km with
internal tanks. 4200 kg useful load,
up to 23 passengers.

June 2022 : France And Germany
sign new support contract.

500th NH90 to be delivered in the
coming weeks.

Start of deliveries to Qatar: NFHs
from Leonardo factory and TTHs
from Marignane.



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France and Spain launched Tiger MkIII programme in March 2022: 42 aircraft for France (with the possibility to add another 25 helicopters) and 18 for Spain.

First prototype is scheduled for an inaugural flight in 2025. First delivery to the French Armament General Directorate (DGA) will take place in late 2029 followed by a first delivery to Spain in 2030.

Comprehensive upgrade of all the combat systems: sensors, weapons, communications and avionics. A way into the future of combat helicopters.

TIGER MkIII

Tiger MkIII, major system upgrades

Agility, survivability, precision and fire power

With unmatched agility, range and performance offering unrivalled superiority on the battlefield, the Tiger has established itself as the essential attack asset. Thanks to the collective enhancements of the MkIII upgrade, the Tiger will continue to be your trusted best partner in extreme military environments for the next decades to come.



COMMUNICATION SYSTEMS

- Radios
- Link with drones
- Satcom

WEAPONS

- Air-to-ground missiles
- Air-to-air missiles
- Gun
- Rockets
- Countermeasures

SIGHT CHAIN

- EOS
- Helmet

AVIONICS

- Avionics suite
- Tactical Data Management System
- Battlefield management system

NAVIGATION

- System synchronized with Galileo

Connect to the digital battlefield



Infographic: @airbusdefense.com and Airbus

Change the balance of power

New air-to-ground missiles with man-in-the-loop



New air-to-air missiles



Improved turreted gun



New laser-guided rockets



See before being seen



Better interoperability with a networked aircraft

Manned-unmanned-teaming to **extend your field of view without exposure**

Real-time sharing of threats, mission data and situational awareness thanks to new digital avionics and a new battlefield management system

Complete panel of latest-generation weapons (air-to-ground and air-to-air missiles, laser-guided rockets, guns)

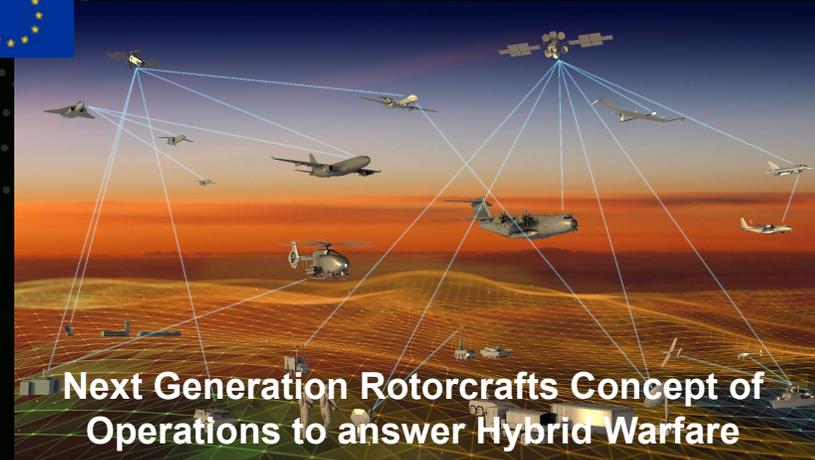
Improved targeting with new high-performance sensors and helmets

Integration of the **latest detection and identification capabilities**

Reduced crew workload with new state-of-the-art digital avionics suite and five 10-inch colour displays

In July 2022, the ENGRT project was selected in the frame of the European Defence Fund 2021 Calls for Proposals.

Airbus Helicopters is the Coordinator of the project, involving the European Commission, as well as Defence Authorities from Finland, France, Germany, Greece, Italy, the Netherlands, Spain, and Sweden. 24 companies and research centers involved.



Speed

challenge

Conventional helicopter



Key streams :

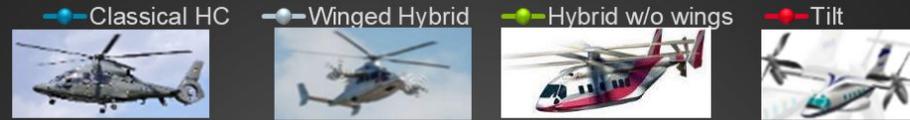
- Resilience & Survivability
- NATO Interoperability & beyond
- Mission versatility, low to high intensity operations
- Collaborative Combat & MUM-T
- Affordability & Availability



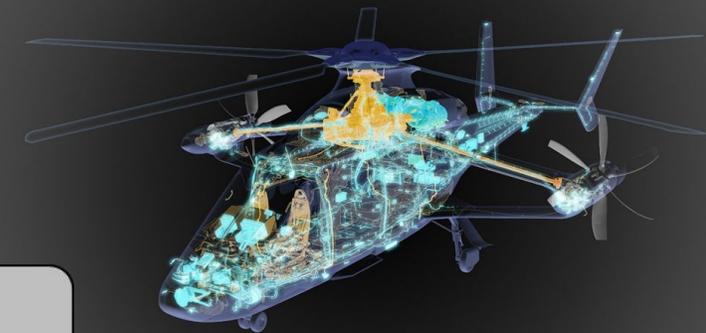
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NGRC

In June 2022, France, Germany, Greece, Italy, the Netherlands and UK committed to assign 26.7M to define the future of their helicopter fleets under the Next Generation Rotorcraft Capability project. NSPA will manage the concept phase of the project.



- 2022 knowledge, higher is better
- Classical MR/TR helicopter configuration as reference



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