

HELICOPTERS

Firefighting

AIRBUS

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Wildfires are progressively becoming larger, faster-spreading, and more difficult to control. Climate change is one reason for this. Hotter global temperatures have created drier conditions, sapping vegetation's moisture. Depopulation of rural environments and the shift away from mountain living, as well as human actions, are some factors that make the new generation of fires more difficult to control.

Firefighting, traditionally considered to be just one of the many aerial roles of helicopters and aircraft, is now becoming one of their most critical tasks, especially during dry seasons.

FIREFIGHTING

MISSION EFFICIENCY



Helicopters are a major asset to any fire brigade, offering:

All terrain, all weather capabilities.

Immediate proximity to the place of intervention: dropping water, foam or fire-retardant every 5 to 10 minutes with high reactivity and the capacity to reload and perform drops in all areas and type of terrains.

Precision and effectiveness.

Rapid transportation of firefighters with equipment to the required areas and quick extraction in case of danger.

Overhead observation and guidance during an intervention providing a unique **perception of the situation.**

Night firefighting capability.

Urban firefighting capability: approaching the challenge to combat the increasing urban and industrial risks, along with firefighting units.

MAIN MISSIONS

TRANSPORTS

Rapid transportation of firefighters to remote localized fire by means of airdrop, hoisting or rappelling.

Airlifting of equipment (chainsaw and/or other tools) to the edge of fire lines in areas which are remote or inaccessible by other means of transportation.

EVACUATION AND RESCUE

Evacuation or rescue of residents and injured firefighters around areas ablaze in a matter of minutes.

RECONNAISSANCE AND MAPPING

Early detection of fires before they spread too widely.

Mapping of fires in order to determine the perimeter and intensity thereof.

COMMAND AND COORDINATION

Providing ground forces with tactical coordination, real-time intelligence on fire behavior and critical access route information in terms of entering and exiting fire areas.

FIRE COMBAT

Dropping water, foam or fire-retardant on, or in front of fires to reduce or halt the spread thereof and secure surrounding areas.



BELLY TANK



HELIBASKET



WATER BUCKET
(including or excluding pump)

WATER CANNON

HIGH VISIBILITY KITS



WATER BOMBING KIT

MAIN
EQUIPMENT

MAIN EQUIPMENT



SIRENS



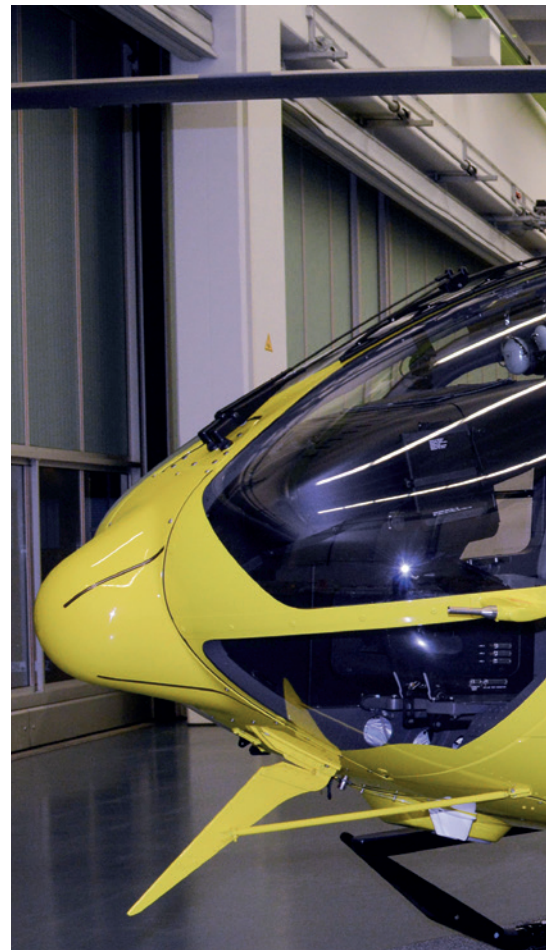
CARGO SWING



EXTERNAL MIRROR



BUBBLE WINDOWS



CABLE CUTTER

A HELICOPTER FOR EVERY MISSION

Data in baseline configuration

	H125 (with dual hydraulics)	H130	H135	H145 (with dual hook)	H160	H175	H215	H225
MTOW (internal)	2,370 kg 5,225 lb	2,500 kg 5,512 lb	2,980 kg 6,570 lb	3,800 kg 8,378 lb	6,050 kg 13,338 lb	7,800 kg 17,196 lb	8,600 kg 18,960 lb	11,160 kg 24,604 lb
External load	1,400 kg 3,086 lb	1,500 kg 3,307 lb	1,200 kg 2,646 lb	1,600 kg 3,527 lb	1,600 kg 3,527 lb	2,700 kg 5,952 lb	4,500 kg 9,920 lb	4,750 kg 10,472 lb
Seats (up-to)	1 + 5 2 + 4	1 + 7 2 + 5	1 + 7 2 + 6	1/2 + 8 1/2 + 10	1/2 + 12	2 + 18	1/2 + 17/20 1/2 + 19/22	1/2 + 19
Maximum range	620 km 335 NM	615 km 332 NM	832 km* 449 NM*	812 km* 439 NM*	781 km 422 NM	1,120 km 626 NM	1,241 km* 670 NM*	1,107 km* 598 NM*
Maximum endurance	4 h 20 min —	4 h 00 min —	4 h 46 min* —	4 h 31 min* —	4 h 12 min —	6 h 09 min —	6 h 35 min* —	5 h 32 min* —



H125 H130

THE BENCHMARK

A legendary proven helicopter to fight the blazes at the earliest moment

Capable

- 1.4 t / 1.5 t underslung load
- High & hot capabilities
- Night firefighting capability

Safety

- Proven reliability and crashworthiness

Easy & Multipurpose

- 500+ optional equipment & STCs
- Modular, open-space cabin

Profitable

- Operators' first choice: 60% market share
- Lowest acquisition & running costs

H135

THE SPECIALIZED TWIN

A cost efficient light twin for every rescue mission



Economically Sustainable

- Lowest acquisition & operation costs for a twin

Proven

- >1,400 H/C
- >5 million FH
- Up to 99% availability

Mission Capable

- Latest technology: Helionix®, 4-axis AFCS
- Night firefighting capability

H/C: Helicopter

FH: Flight Hours

AFCS: Automatic Flight Control System



H145

THE TWIN WORKHORSE

Innovation & performance dedicated to disaster relief response

Versatile

- Wide open-space cabin, clamshell doors, small D-value

Dominant

- Outstanding performances in AEO & OEI

Safety

- Many features design such as Fenestron®

Mission Efficiency

- Night firefighting capability



H160

THE MULTIPURPOSE

H160 is an highly flexible aircraft with the latest Airbus' innovation

**Innovation
at your service**

**Game-changing
support concept**

Safety enhancer

**Right economic
balance**

**Night firefighting
capabilities**

H175

MULTIROLE ASSET

The H175 is the multi-purpose answer for firefighting

Firefighting Capability

- Cargo sling capability up to 2.7 tons for a Bambi bucket or other firefighting equipment
- Night firefighting capability

Troop Transportation

- Transport up to 18 firemen with equipment

Extended Capability

- Deployment or emergency extraction by hoisting





H215

WHEN THE BEST
OF RUGGEDNESS MEETS
THE BEST OF TECHNOLOGY

“Flying Crane” ideal for firefighting

More water dropped

- Per mission flight

The lowest operating cost

- Per metric tons of water

Multiple firefighting solutions

- Water bucket or belly tank
- Capability to carry up to 4,300 L

Night firefighting capability

Transport of troops

H 225

HEAVY SUPPORT FOR FIRST RESPONDERS

Heavy lift long range champion

Multiple Firefighting Capability

- Water bucket, water cannon or belly tank
- Capability to carry up to 4,500 L
- Ability to deliver 90,000 liters of water in 2 hours (OAT 35° fire @ 5NM)

Quick start procedure (4 minutes) and fast cruise

Longest range in its category

- With equal water tank capacity

Night firefighting capability

Transportation of troops Cat.A certified





THE WORLD'S LEADING HELICOPTER MANUFACTURER

Airbus Helicopters' leading positioning on the public services market confirms that the company's helicopter range brings the right capabilities to the specific missions in the public services community



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AIRBUS

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This brochure is printed on Olin, a FSC® paper.

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.

The paper is entirely recyclable and is produced
from trees grown in sustainable forest resources.

The printing inks use organic pigments or minerals.
There are no use of basic dyes or dangerous metals
from the cadmium, 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.

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