

HELICOPTERS

Powerline

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AIRBUS



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Imagine new possibilities when helicopters allow you to access otherwise unreachable areas.

Maintain a low environmental impact.

Reduce your workload.

Remain safe & efficient.

Save time & money.

THE HELICOPTER ADVANTAGE





**MISSION EFFICIENT HELICOPTERS
FOR ALL OPERATIONAL NEEDS.**

**THE FASTEST AND MOST EFFICIENT
WAY TO KEEP YOUR NETWORK 100%
FUNCTIONAL.**

Be reactive and get ahead of power line outages. With their long-range capabilities, helicopters allow you to get onsite at a moment's notice - even at large distances. Once there, you can precisely detect and evaluate any malfunctions in the lines to then anticipate immediate or long-term maintenance.

POWERLINE INSPECTION



Electrical grid construction made easy and fast without the need to build additional roads. H225 can unwind up to 5km of cable in one go.

Following productivity can be reached, for cables up to 1kg/m: 5km/flight hour, 30km/day.

For towers construction, around 60 loads (4,5t) per week, (about 7*400kV towers), 4 flight hours a day.

PYLON ASSEMBLY & CABLE LAYING



A SAFE AND EFFICIENT WAY TO MAINTAIN YOUR NETWORK.

Helicopters are the easiest way to get right to the root of the issue. Get instant access to the lines to be repaired 10-times faster than with trucks or cranes, and keep your crews safely out of harm's way.

Helibasket for energized lines maintenance.

Airtelis carries out human external cargo (HEC) operations thanks to an array of platforms, or «heli basket».

Heli basket offer the maximum level of safety: using a sling system keeps the helicopter away from the wires, and eliminates main rotor contact with structure and cables.

MAINTENANCE & REPAIR





Light basket, both dropped and suspended, can be used on live wires.

Live Works.

Replacement of 60 spacers in 5 days.

Airtelis carries out Human External Cargo (HEC) operations thanks to an array of platforms, or "Heli-Basket".

For these operations, Airtelis use twin-engine helicopters on OEI (One Engine Inoperative) performance as H135.

In emergency situation due to bad weather condition or disaster, one of the priorities is to restore electricity the population as fast as possible.

The most efficient way remains the helicopterto operate fast perilous tasks.

EMERGENCY SITUATION





Emergency overhead lines.

Emergency high voltage pylon replacements.

Urgent setting of a powerline.

Dispatch of electricity generator.

Nuclear plant recovery situations.

Quality mission Training to increase Safety & operational efficiency.

Airtelis has set up specific training programs for aerial operations on power grids (maintenance, engineering, network development):

Specialist training to refresh and expand your skills and acquire new expertise,

Tailored seminars/workshops to discover the latest techniques,

Innovation, namely in areas of energy markets, renewable energies and new technologies,

Consultancy and expertise activities to evaluate and identify your specific needs,

Technical assistance (short-term missions as well as for expatriates).

OPERATIONAL TRAINING





H125

MAXIMUM TAKE OFF WEIGHT
WITH EXTERNAL LOAD:

2,800KG

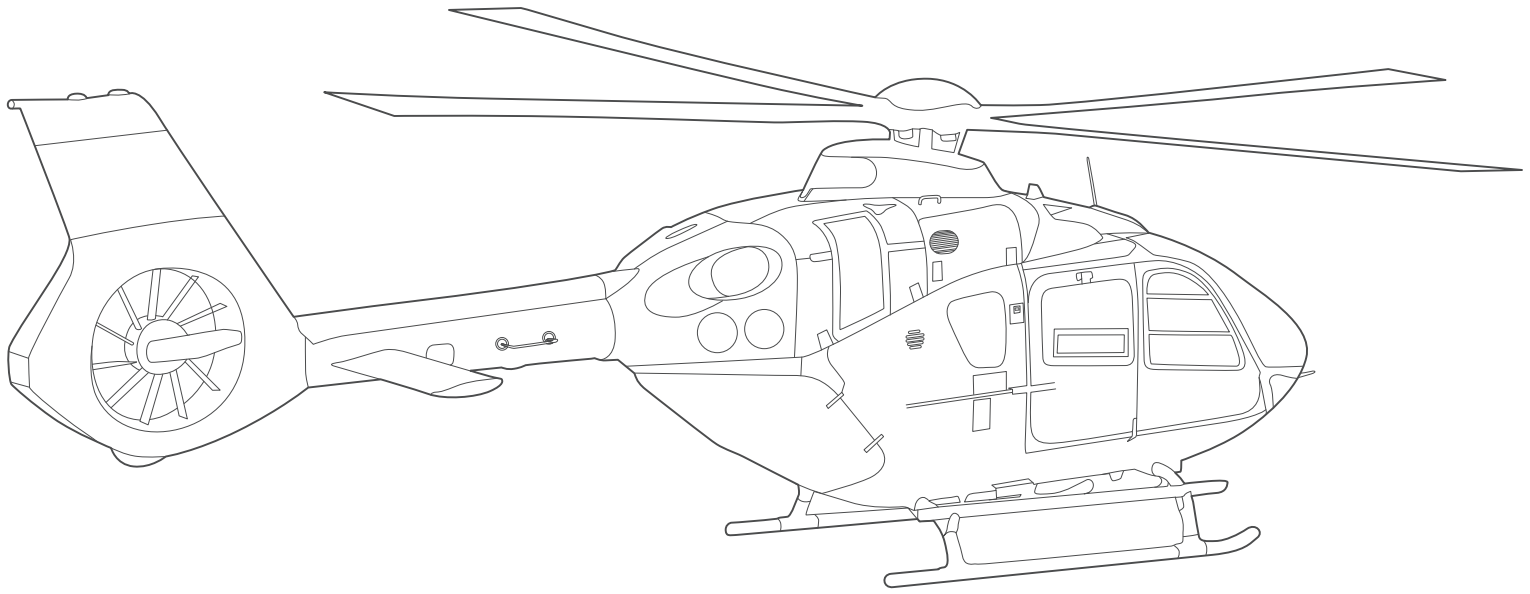
MAXIMUM CARGO
SLING LOAD:

1,400KG

A HELICOPTER FOR ALL MISSIONS

MAIN MISSION:

Power line inspection.
Stringing of conductors Medium voltage pylon grid.
Building of medium pylon grid.



H135

MAXIMUM TAKE OFF WEIGHT
WITH EXTERNAL LOAD:

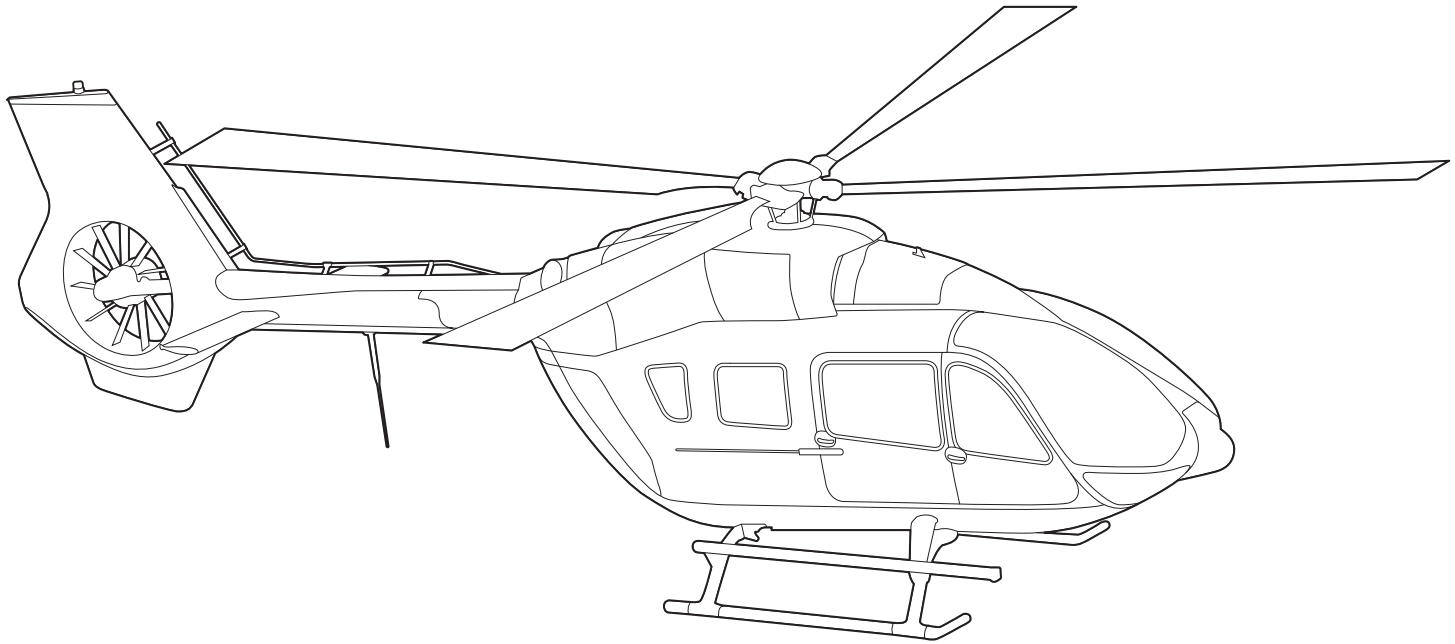
2,980KG

MAXIMUM CARGO
SLING LOAD:

1,200KG

MAIN MISSION:

Power line inspection.
Power line maintenance.
Building medium pylon grid.



H145

MAXIMUM TAKE OFF WEIGHT
WITH EXTERNAL LOAD:

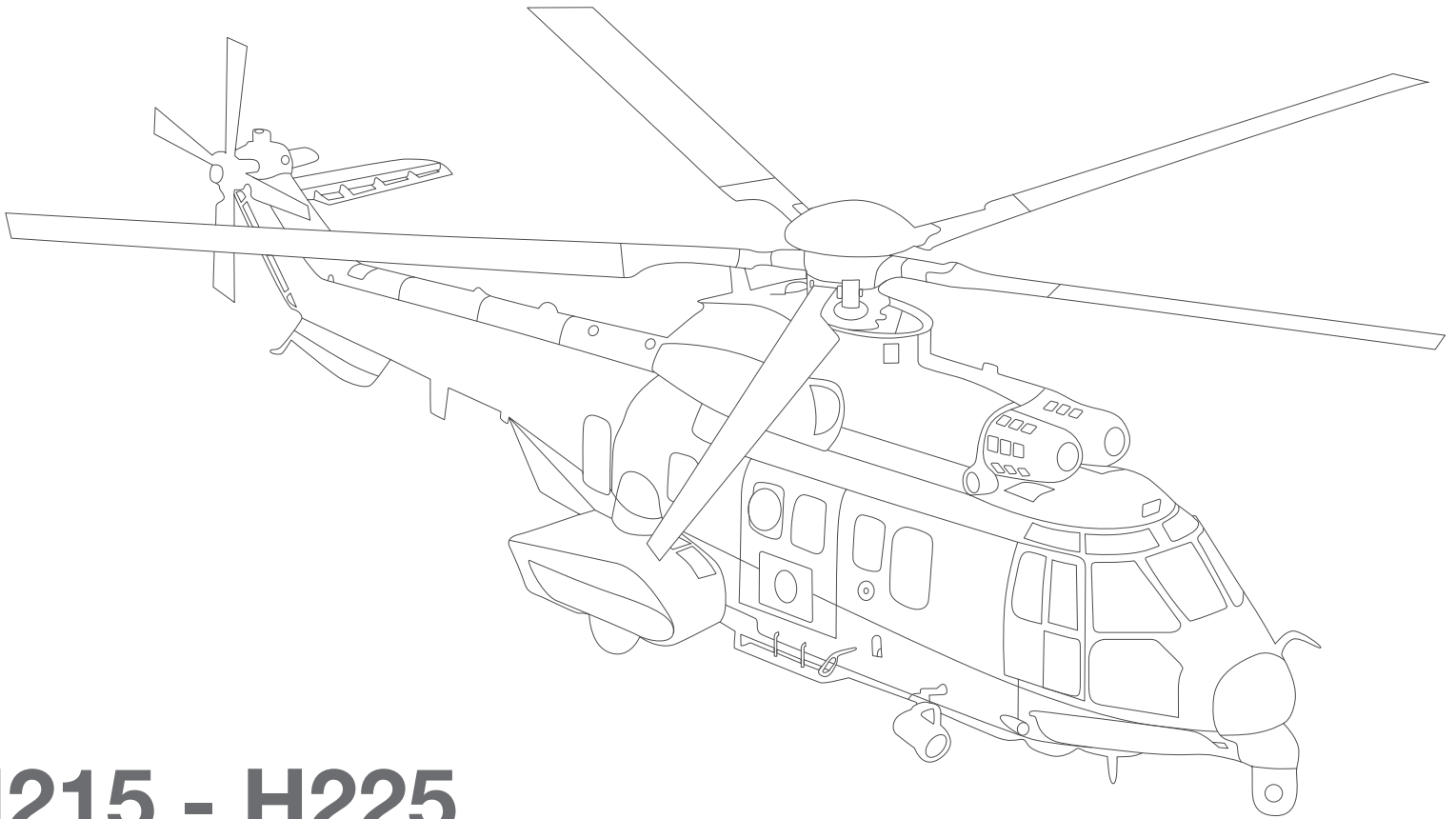
3,800KG

MAXIMUM CARGO
SLING LOAD:

1,600KG

MAIN MISSION:

Power line maintenance.
Building medium pylon grid.



H215 - H225

MAXIMUM TAKE OFF WEIGHT
WITH EXTERNAL LOAD:

H215: 9,350KG

H225: 11,200KG

MAXIMUM CARGO
SLING LOAD:

H215: 4,500KG

H225: 4,750KG

MAIN MISSION:

Power line buiding.
Cable Stringin.
Power line maintenance.

**H225 equipped in order
to be certified by the
EASA to work in Class
C conditions to unwind
cables.**

AIRBUS

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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 uses 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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