Civil

Civil Range

AIRBUS HELICOPTERS

The most efficient helicopter solutions

Airbus Helicopters' mission is to provide the most efficient rotorcraft solutions to our customers, so that they may serve, protect, save lives and safely carry passengers in demanding environments.
Our top priority is to make sure that you can fly safely in all types of situations by offering flexible solutions at the lowest possible cost.
One of the keys to this flexibility is technological innovation, which is focused above all on the quality of our products and the safety of the men and women who fly in our helicopters.

From single- and twin-engine light and medium rotorcraft to those in the eleven-ton-class, Airbus Helicopters has the right product to handle any and all of your civil missions.
Our teams are firmly committed to making Airbus Helicopters the benchmark for excellence in our industry. Their skills, and passion for their work, are major assets that help ensure our success.

[1] (at Maximum Takeoff Weight - Sea level - ISA)

H120®

Maximum Takeoff Weight
1,715 kg/3,781 lb
1,800 kg/3,968 lb
(with external load)

Useful load
714 kg / 1,574 lb

Capacity
1 pilot + 4 passengers
Maximum cargo sling load:
700 kg/1,543 lb

Engine
1 Turbomeca Arrius 2F, turboshaft engine.
Maximum takeoff power:
376 kW/504 shp

Fast cruise speed[1]
223 km/h - 120 kts

Range and Endurance[1]
Range: 710 km / 383 NM
Endurance: 4 h 19 min

Main roles
Designed to provide mission flexibility the H120 offers low fuel consumption and operating costs.
Main missions:
- Private & Business Aviation - PBA
- Law enforcement
- Training

H125®

Maximum Takeoff Weight
2,250 kg/4,960 lb*
2,800 kg/6,172 lb
(with external load)

Useful load
1,001 kg/2,204 lb

Capacity
1 pilot + 5/6 passengers
Maximum cargo swing load:
1,400 kg/3,086 lb

Engine
1 Turbomeca Arriel 2D, turboshaft engine.
FADEC
Maximum takeoff power:
632 kW/847 shp

Fast cruise speed[1]
251 km/h - 136 kts

Range and Endurance[1]
Range: 631 km / 341 NM
Endurance: 4 h 28 min

Main roles
Light single-engine helicopter fitted with a powerful engine, the H125 is specially adapted for operations in extreme conditions and the transportation of heavy loads.
Main missions:
- Aerial work in high and hot conditions
- Private & Business Aviation - PBA
- Public services
- Commercial pax transport

* 2,370 kg/5,225 lb with the option "Kit to increase internal gross weight"

H130®

Maximum Takeoff Weight
2,500 kg/5,512 lb
3,050 kg/6,724 lb
(with external load)

Useful load
1,057 kg / 2,330 lb

Capacity
1 pilot + 6/7 passengers
Maximum cargo sling load:
1,500 kg/3,307 lb

Engine
1 Turbomeca Arriel 2D, turboshaft engine.
FADEC
Maximum takeoff power:
710 kW/952 shp

Fast cruise speed[1]
237 km/h - 128 kts

Range and Endurance[1]
Range: 617 km / 333 NM
Endurance: 4 h

Main roles
Light single-engine helicopter the H130 offers a roomy, comfortable and modular cabin. It is the quietest helicopter in its class and flies in accordance with the most demanding noise regulation (Grand Canyon National Park) while offering low operating costs.
Main missions:
- Commercial pax transport
- Private & Business Aviation - PBA
- Aerial work
- Emergency Medical Services - EMS

H135®

Maximum Takeoff Weight
2,980 kg/6,570 lb
(All configurations)

Useful load
1,498 kg / 3,303 lb

Capacity
1 pilot + 6/7 passengers, or
2 pilots + 5/6 passengers
Maximum cargo sling load:
1,200 kg/2,646 lb

Engine
2 Turbomeca ARRIUS 2B2plus or
2 Pratt&Whitney PW206B3, turboshaft engines.
Both with FADEC

Fast cruise speed[1]
252 km/h - 136 kts

Range and Endurance[1]
Range: 810 km / 437 NM
Endurance: 4 h 36 min

Main roles
Thanks to its performance, with an advanced design and state-of-the-art technology, the H135 is the reference helicopter for:
- Emergency Medical Services - EMS
- Law enforcement
- Private & Business Aviation - PBA
- Training

EC145®

Maximum Takeoff Weight
3,585 kg/7,903 lb
(All configurations)

Useful load
1,810 kg/3,990 lb

Capacity
1 pilot + up to 11 passengers, or
2 pilots + up to 10 passengers
Maximum cargo sling load:
1,500 kg/3,307 lb

Engine
2 Turbomeca ARRIEL 1E2, turboshaft engines.
Maximum emergency power (OEI):
574 kW/770 shp

Fast cruise speed[1]
246 km/h - 133 kts

Range and Endurance[1]
Range: 855 km / 461 NM
Endurance: 4 h 30 min

Main roles
Efficient and multi-role helicopter for VFR missions only.
Thanks to a spacious cabin and high standards of safety the EC145 is particularly successful in:
- Aerial work
- Commercial pax transport

H145®

Maximum Takeoff Weight
3,700 kg/8,157 lb
(All configurations)

Useful load
1,781 kg/3,926 lb

Capacity
1 pilot + up to 11 passengers, or
2 pilots + up to 10 passengers
Maximum cargo sling load:
1,600 kg/3,527 lb

Engine
2 Turbomeca ARRIEL 2E, turboshaft engines.
FADEC
Maximum emergency power (OEI):
800 kW/1,072 shp

Fast cruise speed[1]
240 km/h - 130 kts

Range and Endurance[1]
Range: 816 km / 441 NM
Endurance: 4 h 33 min

Main roles
Powerful multi-role helicopter,
the H145 combines advances cockpit design, modern avionics, 4-axis autopilot and the Fenestron tail rotor.
Main missions:
- Emergency Medical Services - EMS
- Law enforcement
- Offshore transportation
- Private & Business Aviation - PBA

[1] (at Maximum Takeoff Weight - Sea level - ISA)

AS365® N3+

Maximum Takeoff Weight
4,300 kg/9,480 lb
4,250 kg/9,370 lb

Useful load
1,926 kg / 4,246 lb

Capacity
2 pilots + 12 passengers
Maximum cargo sling load:
1,600 kg/3,527 lb

Engine
2 Turbomeca Arriel 2C, turboshaft engines.
FADEC
Maximum emergency power (OEI):
717 kW/961 shp

Fast cruise speed[1]
269 km/h - 145 kts

Range and Endurance[1]
Range: 923 km / 498 NM
Endurance: 4 h 45 min

Main roles
The AS365 N3+ is is well adapted to operations in high altitudes and hot climates. Fitted with a 4-axis autopilot and the Fenestron® tail rotor, it can perform the most demanding missions:
- Public services
- Private & Business Aviation - PBA
- Search and Rescue - SAR

H155®

Maximum Takeoff Weight
4,920 kg/10,846 lb
(All configurations)

Useful load
2,301 kg/5,073 lb

Capacity
2 pilots + 13 passengers
Maximum cargo sling load:
1,600 kg/3,527 lb

Engine
2 Turbomeca Arriel 2C2, turboshaft engines.
FADEC
Maximum emergency power (OEI):
785 kW/1,053 shp

Fast cruise speed
278 km/h - 150 kts

Range and Endurance[1]
Range: 905 km / 489 NM
Endurance: 4 h 42 min

Main roles
Featuring the latest technological innovations, such as the 5-blade Spheriflex main rotor, state-of-the-art glass cockpit and an outstanding autopilot, the H155 is the reference for:
- Private & Business Aviation - PBA
- Offshore transportation

H160®

Maximum Takeoff Weight
6,000 kg/13,228 lb
(All configurations)

Capacity
2 pilots + 12 passengers
Maximum cargo sling load:
1,600 kg/3,527 lb

Engine
2 Turbomeca Arrano

Main roles
Oil & Gas
Public Services
Helicopter Emergency Medical Services
Private & Business Aviation

H175®

Maximum Takeoff Weight
7,800 kg/17,196 lb *
(All configurations)

Useful load
3,100 kg/6,834 lb (O&G configuration)

Capacity
2 pilots + 16/18 passengers
Maximum cargo sling load:
2,900 kg/6,393 lb
- High comfort:
  16 passengers up to 165 NM RoA
- Long range:
  12 passengers up to 221 NM RoA
- Higher density:
  18 passengers up to 130 NM RoA
  (Oil & Gas configuration, ISA+20°C)

Engine
2 Pratt & Whitney PT6C-67E, turboshaft engines.
FADEC
Maximum emergency power (OEI):
1,541 kW/2,067 shp

Fast cruise speed[1]
274 km/h - 148 kts

Range and Endurance[1]
Range:1,096 km / 592 NM
Endurance: 5 h 40 min

Main roles
The H175 is a versatile, fully-equipped helicopter, capable of fulfilling missions in various segments, such as:
- Offshore transportation
- Public services/SAR
- Private & Business Aviation - PBA

* with extension to 7,800 kg/17,196 lb expected at the end of 2016

H215®

Maximum Takeoff Weight
8,600 kg/18,960 lb
9,350 kg/20,615 lb
(with external load)

Useful load
4,051 kg/8,931 lb

Capacity
2 pilots + 15 passengers
(in comfort configuration)
Maximum cargo sling load:
4,500 kg/9,920 lb

Engine
2 Turbomeca Makila 1A1, turboshaft engines.
Maximum emergency power (OEI):
1,400 kW/1,877 shp

Fast cruise speed[1]
262 km/h - 141 kts

Range and Endurance[1]
Range: 772 km / 417 NM
Endurance: 4 h 02 min

Main roles
Particularly suited for aerial work thanks to its payload capacity, the H215 offers excellent performances in high and hot environments.
Main missions:
- Commercial pax transport
- Aerial work

The H215 includes full glass cockpit avionics and the latest generation H225 autopilot.
With a 72 cm. (28 in.) in longer cabin than the standard version, the long version offers an increased passenger capacity and volume.
Main missions:
- Commercial pax transport
- Public services
- Aerial work

H225®

Maximum Takeoff Weight
11,000 kg/24,250 lb
11,200 kg/24,692 lb
(with external load)

Useful load
5,406 kg/11,918 lb

Capacity
2 pilots + 19 passengers
Maximum cargo sling load:
4,750 kg/10,472 lb

Engine
2 Turbomeca Makila 2B, turboshaft engines.
FADEC
Takeoff power:
1,567 kW/2,101 shp

Fast cruise speed[1]
262 km/h - 142 kts

Range and Endurance[1]
Range: 1,135 km / 613NM 10 pax
Endurance : 5 h 38 min

Main roles
The H225 has the best range of its category in offshore crew change configuration allowing a very competitive cost per NM / pax.
With all major sensors displayed on the Dmap screen, pilots have an unprecedented situational awareness;
Oil rig approaches are made fully automatically up the "Missed Approach Point" reducing pilot's workload.
Main missions:
- Offshore transportation
- Search and Rescue - SAR
- VVIP

[1] (at Maximum Takeoff Weight - Sea level - ISA)

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