



AIR-DYNAMIC
ANYWHERE, ANYTIME

AGUSTA WESTLAND | A109 Power



MAXIMUM PASSENGERS

6



MAXIMUM RANGE

800 KM

PROVEN PERFORMANCE

Operators benefit from high cruise speed and excellent performance, with competitive acquisition and direct operating costs. The platform is mission-capable day or night, for single or dual pilot IFR operations and compliant with JAR OPS 3 requirements for Category A operations, even at Max Take-Off Weight (MTOW).

FADEC-controlled twin-turbine engines and redundancy in all critical systems ensure safety of operation in the most demanding circumstances.



UP TO 6 PASSENGERS

The passenger cabin is spacious (2.3m long) and allows several cabin layouts including VIP and corporate, EMS, search and rescue (SAR) and offshore transport.

The passenger cabin volume is 3.9m³ and the baggage compartment volume is 0.95m³. There is a large sliding cabin door (1.40m wide) on either sides, giving easy access to the cabin.

Six crash-resistant forward-facing seats are installed in the cabin for the offshore transport role. The customised VIP / corporate cabin layout includes luxurious five- or six-seat club-style layout with a cabinet and refrigerator.





AGUSTA WESTLAND | A109S Grand



MAXIMUM PASSENGERS

6



MAXIMUM RANGE

800 KM

ITALIAN MANUFACTURED

Manufactured by AgustaWestland of Italy, the Grand is a stretched derivative of the A109 light twin turbine helicopter. The new main and tail rotor systems give very low external noise.

Safety features integrated into this helicopter include the high-strength cocoon-type airframe with a crash-resistant fuel system and crash-resistant crew and passenger seats.

The Category A design includes single engine stay-up capability and system duplication and redundancy for additional safety.



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AGUSTA WESTLAND | A109 SP



MAXIMUM PASSENGERS

6



MAXIMUM RANGE

800 KM

ITALIAN MANUFACTURED

The SP is a stretched derivative of the A109 light twin turbine helicopter. The new main and tail rotor systems give very low external noise.

Safety features integrated into this helicopter include the high-strength cocoon-type airframe with a crash-resistant fuel system and crash-resistant crew and passenger seats.

The Category A design includes single engine stay-up capability and system duplication and redundancy for additional safety.

Year of Manufacture 2015



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AGUSTA WESTLAND | AW139



MAXIMUM PASSENGERS

7



MAXIMUM RANGE

750 KM

COCKPIT

The AW139 has a Honeywell Primus Epic modular / integrated glass cockpit. The Primus Epic system is offered in four configurations: basic VFR (visual flight rules), IFR (instrument flight rules) three-axis automatic flight control system (AFCS), IFR four-axis digital AFCS and a search and rescue version.

The system features a powerful central maintenance computer function that will provide operators with a high level of troubleshooting and system maintenance support. Maintenance personnel may use the cockpit displays or a laptop computer to perform aircraft rigging, sensor calibration and avionics systems diagnostics.



HIGH POWER ENGINES

The AW139 is powered by two Pratt & Whitney PT6C-67C turboshaft engines with full authority digital engine control.

The engines have a maximum continuous power of 1,531hp (1142kw) each and give a maximum cruise speed of 290km/hr and a maximum range (without reserves) of 750km. Due to the power reserve of the engines, safe flight is ensured with one engine inoperative (OEI) at maximum take-off weight.





AIR-DYNAMIC
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BELL | 429



MAXIMUM PASSENGERS

7



MAXIMUM RANGE

761 KM

UNSURPASSED IN ITS CLASS

The Bell 429's powerful engines and high OEI-rated transmission provide superior performance. Certified for Category A operations from ground level helipads, elevated helipads, runways at maximum gross weight, on hot days and at altitude means almost no mission or operating environment is beyond your reach.

The Bell's Basix-Pro™ Integrated Avionics System features two/three multi-function displays, dual digital 3-axis autopilot and an integrated electronic data recorder provides enhanced situational awareness and post flight analysis.



EXCEPTIONAL SPEED AND CLASS LEADING

Designed with the future in mind, the Bell 429 meets or exceeds today's airworthiness requirements to enhance occupant safety, with the adaptability to remain at the forefront as mission requirements evolve. Innovation is at the heart of the Bell 429 light twin helicopter.

The use of metallic and composite parts in its construction creates the perfect balance between rigidity and flexibility, safety and durability. An advanced avionics and systems monitoring suite ensures outstanding maintainability and aircraft readiness.





EUROCOPTER | AS355



MAXIMUM PASSENGERS

5



MAXIMUM RANGE

700 KM

TECHNOLOGY

The AS355 is equipped with two powerful Turbomeca Arrius 1A1 engines and a full authority digital engine control (FADEC) system that provides automated engine control and monitoring. With this state-of-the-art system, the pilot has no engine parameters to monitor during the automatic starting sequence, which thereby eliminates the risk of engine deterioration.

In the event of engine failure during flight, the maximum emergency power is automatically and instantaneously provided to the operating engine, enabling the pilot to concentrate on the external environment while the FADEC takes control.



PERFORMANCE AFFORDABILITY

With excellent handling, robustness and ease of maintenance, the AS355 incorporates twin-engine added reliability, making it ideal for police and parapublic missions, as well as demanding operations over water, rugged terrain and urban areas.

The helicopter also offers excellent maneuverability, high speed and low vibration levels. An unobstructed cabin and forward-looking seats provides excellent visibility for all passengers, and the AS355 very low vibration levels make it a perfect choice for corporate transportation.





AIR-DYNAMIC
ANYWHERE, ANYTIME.

EUROCOPTER | EC135



MAXIMUM PASSENGERS

6



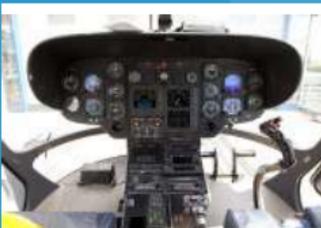
MAXIMUM RANGE

620 KM

SAFETY BY DESIGN

One of Airbus Helicopters' most successful light aircraft, the EC135 is known for its high endurance, compact build, low sound levels, reliability, versatility and cost-competitiveness. This twin-engine helicopter can perform many different missions, landing almost anywhere, particularly high and hot, while carrying more payload over longer distances than other rotorcraft in its category.

No compromise has been made between safety and performance: the EC135's state-of-the-art cockpit environment provides the highest possible safety levels.



A HIGH PERFORMER

Fitted with a bearingless main rotor, Airbus Helicopters' signature Fenestron® shrouded tail rotor, engine software modifications, and a new lateral air intake, the EC135 provides additional payload and delivers best-in-class performance throughout its flight envelope.

Two FADEC-equipped engine options are available: Turbomeca's Arnieus 2B2PLUS and Pratt & Whitney Canada's PW206BB. Both of these reliable turboshaft powerplants provide outstanding performance and vital power reserves – even in one-engine inoperative scenarios – along with low fuel consumption.





AIR-DYNAMIC
ANYWHERE, ANYTIME

EUROCOPTER | EC145



MAXIMUM PASSENGERS

6-8



MAXIMUM RANGE

680 KM

PROVEN AND RELIABLE

The EC145 is at the top of its class in the medium-sized, twin-engine helicopter category, incorporating Airbus Helicopters' advanced cockpit design, avionics and a sophisticated electrical system.

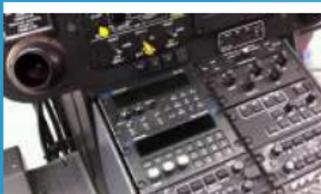
The EC145 is equipped with two Turbomeca Ariel 1E2 engines that deliver outstanding performance and vital power reserves – even in one-engine-inoperative (OEI) scenarios. Its reliability is further enhanced by a completely separate fuel system, a tandem hydraulic system, a dual electrical system and redundant lubrication for the main transmission.



NO COMPROMISE ON SAFETY

The EC145's integrated glass cockpit includes Airbus Helicopters' Vehicle and Engine Multifunction Display (VEMD®) and a caution and advisory display (CAD) to enhance pilot efficiency – thereby reducing pilot fatigue and enhancing flight safety.

The central panel display system, consisting of two additional LCD displays, includes Airbus Helicopters' first limit indicator, which simplifies engine and torque monitoring, allowing pilots to dedicate more of their attention to the mission requirements.





EUROCOPTER | EC155



MAXIMUM PASSENGERS

5-8



MAXIMUM RANGE

780 KM

ROTOR DESIGN EXCELLENCE

The EC155 benefits from Airbus Helicopter's advanced, proven rotor technology, providing the lowest vibration and sound signature in its class. Its distinctive design – from the refined nose to its rear “dorsal fin” – clearly distinguishes the EC155 as a member of the renowned Dauphin family.

With the shrouded Fenestron® tail rotor, the EC155 benefits from a low sound signature and low maintenance. The shrouded rotor concept delivers additional control while increasing safety during ground operations, especially in confined areas.



EFFICIENT 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.





AIR-DYNAMIC
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MD HELICOPTERS | MD600



MAXIMUM PASSENGERS

4



MAXIMUM RANGE

743 KM

INCREASED CAPACITY

The MD 600 is a four-place, light, single-turbine engine helicopter that provides high performance and increased capacity to give the customer greater versatility. All with dramatically low operating costs. It flies faster, hovers higher, and provides the agility and exceptional handling for which the MD 500® series is known.

With its advanced NOTAR® anti-torque system, the MD 600 is a member of an exclusive class of the safest, quietest helicopters in the world.



EXCELLENT CONTROL

The MD 600 turbine engine helicopter provides a variety of mission applications ranging from geophysical surveys to air medical services and police surveillance.

The 808-shp Rolls-Royce Model 250-C47M turbine-engine-powered MD 600 includes a fully articulated six-blade main rotor system for excellent control and maneuverability, and an advanced NOTAR® anti-torque system for reduced pilot workload and external noise levels.





AIR-DYNAMIC
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MD HELICOPTERS | MD902



MAXIMUM PASSENGERS

5



MAXIMUM RANGE

560 KM

PERFORMANCE

The MD 902 is a twin-engine rotary-wing aircraft certified for single-pilot operation under visual flight rules/visual meteorological conditions, and capable of operation under instrument flight rules. The MD 902 is fully certified for Category A operations from clear airfields, heliports, and elevated helipads.

The main rotor is supported by a hollow static mast mounted to the primary structure that absorbs all of the flight loads, allowing the transmission to provide only torque. The transmission is separated from the static mast by an acoustic isolator, thus reducing noise into the cabin and cockpit areas.



COMFORT AND SPACE

All of the crew and passenger seats are energy attenuating, and meet the new Federal Aviation Regulation (FAR)/JAR 27.562 emergency landing dynamic requirements. The landing gear is a non-retractable skid. Large, 52 inch (1.32 m) sliding doors are on each side of the spacious cabin.

The crew doors are hinged and a hinged door at the aft end of the fuselage allows for baggage or alternate loading.

