AgustaWestland
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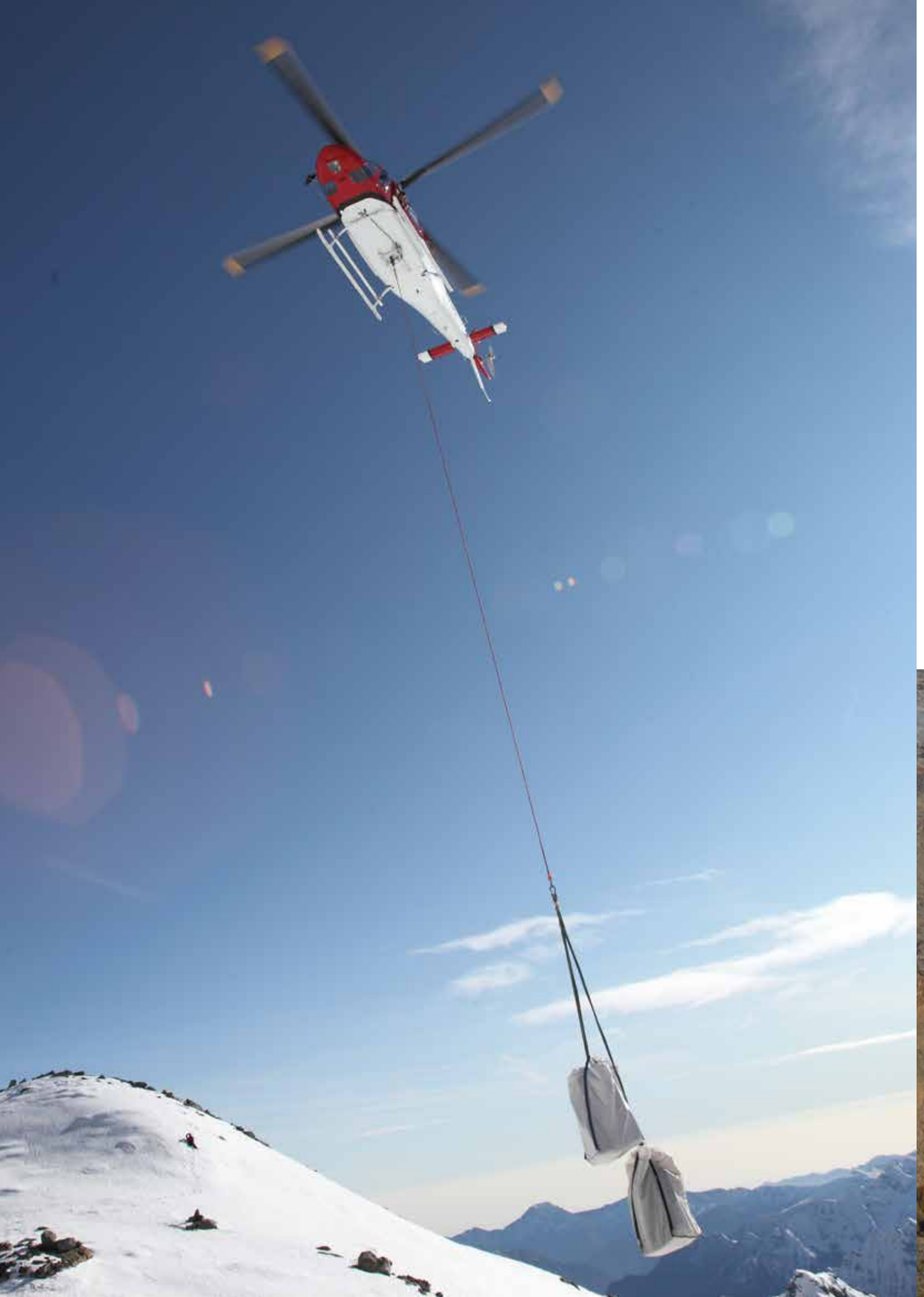
FAST AND FLEXIBLE

AW119Kx



AW119Kx

DELIVERING PERFORMANCE

The AW119Kx is the fast, light single engine helicopter from AgustaWestland. High productivity, excellent flying qualities, high controllability and manoeuvrability, robustness and high inherent safety characterise the helicopter.

Derived from the AW109 with the addition of a skid type landing gear, the AW119Kx retains features typical of light twin-engine helicopters such as system redundancy.

With a spacious interior to enable flexibility in role and a state-of-the-art glass cockpit the AW119Kx is the unrivalled choice in a single engine turbine helicopter.

MORE VALUE FOR MONEY

AW119Kx operators benefit from the highest productivity levels among single-engine helicopters, with payload and performance at the top of its category.
Operating costs are minimised by a simplified maintenance program and optimised inspection intervals. The number of components subject to overhaul and retirement life has been minimised.
Guaranteed maintenance cost programmes are available for both airframe and engines to meet all customers operational requirements.

SAFETY FEATURES

The AW119Kx has proven safety features, typical of light-twin category helicopters.
High power ensures performance in demanding conditions, excellent cockpit visibility and advanced avionics reduce pilot workload. A high-resistance cocoon-type airframe, redundancy of hydraulic systems and dual independent Stability Augmentation Systems (SAS) are incorporated.

DISTINCTIVE FEATURES

Max gross weight up to 2850 kg (internal loads) or 3150 kg (external loads)

- High Payload
- State-of–the-art glass cockpit, including Garmin G1000H™ multi-function displays
- Modern design main rotor blades
- Efficient overall aerodynamic
- Reduced fuel consumption
- Excellent range and endurance
- Main rotor rating at 102% for all flight conditions.

ADVANCED AVIONICS

A state-of-the-art glass cockpit enhances situational awareness, improves safety and reduces pilot workload.
Two 10.4” brilliant LCD units provide Primary Flight Display and Multi-Function Display information. Navigation aids such as Synthetic Vision, moving map and obstacle/terrain avoidance systems further inform pilots to ensure mission success. An independently powered stand-by electronic display provides critical data in the event of system failure.

VERSATILITY

- The most spacious “single engine helicopter” that can accommodate up to 8 people
- Easily reconfigurable
- Unique “single” with the space to meet EMS requirements
- Separate cockpit, cabin and baggage compartment.

THE LARGEST CABIN IN ITS CLASS

The large, versatile cabin can be configured for a variety of missions, including:

UTILITY

- Extended operating envelope (weight / altitude / temperature)
- Large range of role equipment
- Excellent platform for fire-fighting applications
- High external load capability.

LAW ENFORCEMENT

- Comprehensive range of role equipment
- Extended 'time on station'
- Large comfortable working space for mission operator.

EMS

- Large EMS cabin, fully "medicalised", separate from the cockpit
- Dual stretcher capability with two medical attendants
- Large baggage compartment for equipment storage
- 204 kg (450 lb) Hoist for SAR operations.

EXECUTIVE TRANSPORT

- Spacious, comfortable cabin
- Long range capability thanks to high fuel capacity (up to 870 l)
- Stylish interior design.

OFFSHORE

- Outstanding productivity
- High cruise speed, low operating costs
- Unique payload / range capability.

PROVEN WORLDWIDE SUPPORT

As a derivative model of the well know A109 family, the AW119Kx benefits from an extensive global network of customer representatives, technicians and engineers which are supported by repairs, overhaul and spares facilities throughout the world.

AW119Kx CHARACTERISTICS

Dimensions		
Overall length	12.92 m	42 ft 5 in
Overall height	3.60 m	11 ft 10 in
Rotor diameter	10.83 m	35 ft 6 in
Engine Ratings (PT6B-37A)		
Take off (5 min)	1 x 747 kW	1 x 1,002 shp
Max continuous	1 x 650 kW	1 x 872 shp
Transmission Ratings		
AEO Take Off Power (5 min)	684 kW	917 shp
AEO Maximum Continuous Power	671 kW	900 shp
Fuel Capacity		
3-cell fuel system	605 l	160 USgal
4-cell fuel system	711 l	188 USgal
5-cell fuel system	870 l	230 USgal
Weight (MTOW)		
Max Gross Weight (int. loads)	2,850 kg	6,283 lb
Max Gross Weight (ext. loads)	3,150 kg	6,945 lb
Basic Empty Weight	1,483 kg	3,269 lb
Sling Load Capacity	1,400 kg	3,086 lb
Seating		
Crew	1-2	
Passenger	7-6	
Performance (ISA, MGW)		
VNE (SL)	282 km/h	152 kt
Cruise Speed (SL - MCP)	244 km/h	131 kt
Rate of Climb (SL - TOP)	9.1 m/s	1,800 ft/min
Hovering IGE	3, 352 m	11,000 ft
Hovering OGE	2, 225 m	7,300 ft
OEI max service ceiling	4, 572 m	15,000 ft
Maximum range (1)	954 km	515 nm
Maximum endurance (1)	5 h 20 min	

(1) *with 688 kg usable fuel - no reserve - @ 5,000 ft*

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