

AW119 Kx



AgustaWestland

A Finmeccanica Company



DISTINCTIVE FEATURES



VERSATILITY



MORE VALUE FOR MONEY



SAFETY BY DESIGN



MORE ROOM



WORLDWIDE SUPPORT

AW119Kx

The largest and most powerful light single engine helicopter for a wide range of missions providing operators with the highest levels of flexibility and productivity.

AW119Kx

The AW119Kx is the fast, light single 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.

DISTINCTIVE FEATURES

- Max gross weight up to 2850 kg (internal loads) or 3150 kg (external loads)
- Higher payload
 - State of the art glass cockpit Garmin G1000H™
 - Increased range and endurance

New design main rotor blades

- Increased aerodynamic efficiency
- Lower fuel consumption

Higher main rotor rating 102%

- For all flight conditions

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

MORE VALUE FOR MONEY

High productivity

- The highest among single turbine helicopters with payload and performance at the top of its category

Reduced operating cost

- Simplified maintenance with extended inspection intervals
- Limited number of components subject to overhaul and retirement life

Guaranteed cost programmes

- For both airframe and engine, to meet Customer operational requirements in all kinds of application

AVIONICS

- Enhanced situational awareness to improve safety levels
- Reduced pilot workload
- Two 10.4” brilliant LCD units providing Primary Flight Display and Multi-Function Display information
- Navigation aids such as Synthetic Vision, moving map and obstacle and terrain avoidance systems
- Independently powered stand-by electronic display

SAFETY FEATURES

- High power available for extra performance margins
- High resistance cocoon-type airframe
- High visibility cockpit
- Dual independent hydraulic System
- Dual independent SAS (Stability Augmentation System)



MORE ROOM

The large cabin makes the AW119Kx configurable for a variety of applications:

UTILITY

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

LAW ENFORCEMENT

- Comprehensive choice of specific role equipment
- Extended time on station
- Large comfortable working space for mission operator

EMS

- Large EMS cabin, fully “medicalised” and separate from the cockpit
- Dual litter capability with two medical attendants
- Large baggage compartment for equipment storage
- Hoist 204 kg (450 lb) 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

INTERNAL DIMENSIONS AND VOLUMES

COCKPIT

Max length	1.38 m	4 ft 6 in
Max width	1.59 m	5 ft 3 in
Max height	1.36 m	4 ft 6 in
Volume	1.51 m ³	53.33 ft ³

CABIN

Max length	2.10 m	6 ft 11 in
Max width	1.61 m	5 ft 3 in
Max height	1.28 m	4 ft 2 in
Volume	3.45 m ³	121.84 ft ³

BAGGAGE COMPARTMENT

Max length (with optional baggage extension)	2.30 m	7 ft 7 in
Max width	1.10 m	3 ft 7 in
Max height	0.71 m	2 ft 4 in
Volume	0.95 m ³	33.55 m ³

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

WEIGHTS

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

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 USG
4-CELL fuel system	711 l	188 USG
5-CELL fuel system	870 l	230 USG

SEATING

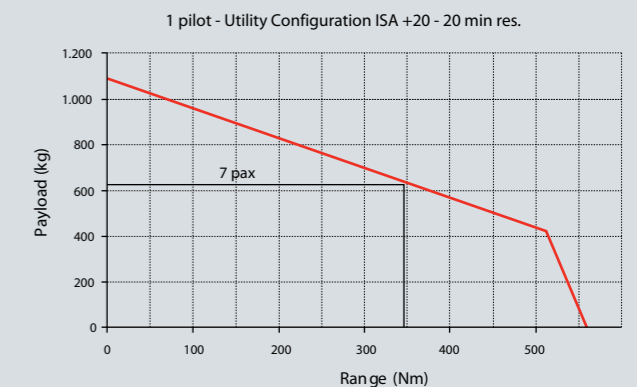
Pilot	1 or 2
Passengers	7 or 6



PERFORMANCE (ISA, MGW)

VNE (SL)	282 kph	152 kts
Cruise speed (SL - MCP)	256 kph	138 kts
Rate of climb (SL - TOP)	9.4 m/s	1,850 ft/min
Hovering IGE	3,352 m	11,000 ft
Hovering OGE	2,225 m	7,300 ft
Service ceiling	4,572 m	15,000 ft
Maximum range*	954 km	515 nm
Maximum endurance*	5 hrs 20 min	

* with 688 kg useable fuel - no reserve - @ 5,000 ft



AGUSTAWESTLAND MARKETING

ITALY

via Giovanni Agusta, 520
21017 Cascina Costa di Samarate (VA)
Italy
tel. +39 0331 229111
fax +39 0331 229605
e-mail: italy@agustawestland.com

UK

25 Templer Avenue,
Farnborough Business Park
Farnborough, Hampshire
GU14 6FE United Kingdom
tel. +44 (0) 1252 386451
fax +44 (0) 1252 386431
e-mail: uk@agustawestland.com

POLAND

Aleja Lotników Polskich 1
21-045 Świdnik Poland
tel. +48 (81) 722 50 00
+48 (81) 446 80 00
fax. +48 (81) 722 60 07
+48 (81) 468 09 19

USA

3050 Red Lion Road
Philadelphia, PA 19114 - USA
tel. +1 215 281 1400
fax +1 215 281 0440
e-mail: info@awnainc.com

11700 Plaza America Drive, Suite 1000
Reston, VA 20190 - USA
tel. +1 703 373 8000
fax +1 703 243 0885
e-mail: usa.reston@agustawestland.com

www.agustawestland.com



To access this technology
please download a QR code
reader to your mobile device.
Start the application and
capture the code. Using this
feature you will save paper and
always be directed to the most
current information available.

AgustaWestland reserves the right to make configuration and data changes at any time
without notice. The facts and figures contained in this document are preliminary and do not
constitute any offer of contract with AgustaWestland.

M-13-0004