

# AW119Kx

HELICOPTERS DIVISION

## Security Services



 **LEONARDO**



## MISSION READY

The AW119Kx offers Law Enforcement and Government Agency customers a cost-effective, highly productive platform with inherent mission flexibility. The high cruise speed and power margins assure quick operational intervention and excellent performance characteristics which allow the AW119Kx to safely operate in even the most demanding environments and confined areas.



Garmin G1000NXi VFR glass cockpit

## MODERN AVIONICS TO REDUCE PILOT WORKLOAD

The AW119Kx features the Garmin G1000NXi VFR glass cockpit that enhances situational awareness. On July 16th 2019 the AW119Kx became the first single-engine IFR helicopter to meet all IFR standards and be fully certified by the Federal Aviation Administration (FAA) in decades.

The Genesys Aerosystems IFR glass cockpit is available as alternative to Garmin's avionics suite.

The AW119 fully meets current IFR requirements allowing pilots to operate the aircraft safely in low visibility and challenging weather conditions thanks to advanced avionics by Genesys Aerosystems, redundant helicopter flight systems, flight director as well as an auxiliary generator.

Both glass cockpits comprise Synthetic Vision System with Highway in the Sky (HITS) depiction, moving map and Helicopter Terrain Awareness Warning System (HTAWS) with worldwide terrain and obstacle database.



Genesys Aerosystems IFR glass cockpit



## MORE ROOM TO WORK

The most spacious single-engine helicopter can accommodate up to 6 people (or up to 2 stretchers with 2 assistants) and provides a large, comfortable working space for mission operators. The multi-role cabin layout can be reconfigured with combinations of seats, mission consoles, stretchers and medical equipment. Wide doors provide exceptional accessibility.



### READY FOR DUTIES

- › Night Vision Imaging System (NVIS)/NVG compatibility
- › EO/IR camera
- › Search Light Trakkabeam A800
- › Advanced mission console in cabin with 17" HD display
- › Advanced mission console in cabin with 12.1" touchscreen display
- › 12.1" mission display in cockpit in front of co-pilot station
- › HD Video Recorder
- › Rappelling hooks (2 LH + 2 RH)
- › Fast rope (RH & LH)
- › External Loudspeakers (600 W)
- › Cargo hook (1,400 kg/3,086 lb)
- › External rescue hoist (204 kg/450 lb)

### AW119Kx CHARACTERISTICS

#### WEIGHTS (MTOW)

- › Internal loads 2,850 kg (6,283 lb)
- › External loads 3,150 kg (6,945 lb)

#### PROPULSION

- › Powerplant 1 x Pratt & Whitney Canada PT6B-37A

#### DIMENSIONS

- › Overall length<sup>(1)</sup> 12.92 m (42 ft 05 in)
- › Overall height<sup>(1)</sup> 3.60 m (11 ft 10 in)
- › Rotor diameter 10.83 m (35 ft 06 in)

#### CAPACITY

- › Crew/Passenger seating 1-2/up to 6

#### PERFORMANCE (ISA, MGW)

- › Max Cruise Speed (SL, MCP) 243 km/h 131 kt
- › HIGE (TOP) 3,352 m 11,000 ft
- › HOGE (TOP) 2,225 m 7,300 ft
- › Max Range (5,000 ft)<sup>(2)</sup> 922 km 498 nm
- › Max Endurance (5,000 ft)<sup>(2)</sup> 5 h 11 min

<sup>(1)</sup> Rotors turning

<sup>(2)</sup> with 668 kg usable fuel - no reserve



Leonardo Helicopters is making significant changes to the provision of its Customer Support and Training services. Leonardo Helicopters has launched a companywide "TeamUp" initiative spanning the entire breadth of the Support and Training delivery activity.



### SUPPORT SOLUTIONS

The Leonardo Helicopters Customer Support & Training worldwide network delivers an extensive range of support solutions that are tailored to meet the Customers' unique requirements ranging from routine spares & repairs, component availability solutions and frontline manpower support through to fully Integrated Operational Support solutions.

### TRAINING SOLUTIONS

Leonardo Helicopters designs, develops and delivers integrated training solutions and services for our helicopters in the live and virtual training domains, from type conversion through to full operational and mission capability.

### ADVANCED SERVICES

Leonardo Helicopters continues to focus and improve the Customer's experience, leveraging on innovation and latest technology, to deliver the best services and solutions in its class. Skyflight Mobile and Heliwise represent our key advanced services, which provide Customers with cutting-edge solutions to perform flight planning activities and HUMS data analysis.



### OUR MOBILE APPS - STAY TUNED!



AW TeamUP



AW Training



Heliwise



Skyflight Mobile

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