



AW119Kx

2017 with less than 600
hours



AW119Kx

The AW119Kx is the first light single-engine helicopter to meet all IFR standards. It offers a modern avionics suite and a spacious interior suited for multiple missions.

The AW119Kx delivers outstanding controllability and maneuverability, even in 'hot and high' conditions. Ideally-suited for Emergency Medical Services (EMS) and rescue missions due to its performance and capacity, it retains features typical of a light twin-engine such as redundancy of all critical systems, whilst the high endurance and long range allow operators to respond quickly to incidents.

With an impressive track record of over 300 helicopters operating in 40 countries for more than 120 customers, the AW119Kx enjoys extensive support from both the OEM and a global network of MROs.

Highlights

- Garmin G1000H Integrated Flight Deck system
- AFCS 3-axis duplex SP-711 Honeywell
- Stretcher x1
- Bleed air heater
- Air conditioning
- 188 USgal Fuel System (in lieu of 160 USgal)
- Oxygen bottle (22001) in baggage compartment
- Helicopter Terrain Awareness and Warning System (HTAWS)



YOM

2017



CONFIGURATION

EMS/SAR



TOTAL TIME

Less than
600 hrs



ENGINE X1

PT6B-37A

Remaining Potential_(Estimated)

	Helicopter Part	Time Between Overhaul	Remaining Time	Percentage Remaining
Airframe	Main Rotor Blade x4	10,000 hrs	9,718 hrs	97%
	Main Transmission	4,800 hrs	4,518 hrs	94%
	TGB	4,800 hrs	4,518 hrs	94%
	Main Servo	1,800 hrs	1,518 hrs	84%
	Main Servo	1,800 hrs	1,518 hrs	84%
	Main Servo	1,800 hrs	1,518 hrs	84%
	Tail Servo	1,800 hrs	1,518 hrs	84%
	Starter Generator	1,000 hrs	718 hrs	72%
Engine	Turbomachinery	4,500 hrs	4,218 hrs	94%
	Reduction Gearbox	3,000 hrs	2,718 hrs	91%

Airframe

Aluminum alloy and bonded panel fuselage

Semi-monocoque aluminum alloy tail boom

New reinforced skid type landing gear

Two hinged jettisonable crew doors (LH and RH)

Two sliding passenger doors (LH and RH), 1.10 m opening, with jettisonable windows

Passenger short foot step (LH & RH)

Acrylic windshield and side windows

Overhead cockpit transparent windows

Lower cockpit transparent windows

Removable fiberglass tail rotor gearbox fairing

Quick removable tail rotor drive shaft cover

Separate baggage compartment with hinged door

Three jacking points

Removable fairing and cowlings, for complete accessibility to the controls and drive components

Quick opening hinged inspection doors, to allow visual check of engine oil levels and maintenance inspection points

Grounding points

Rotors & Controls

Titanium main rotor hub, corrosion protected, fully articulated with four composite grips, four elastomeric bearings, four individually interchangeable composite material blades, swept tips, and dampers

Steel tail rotor hub, corrosion protected, semi-rigid delta hinged type, with two composite blades, individually interchangeable

Cyclic and collective controls powered by two hydraulic systems

Hydraulically powered anti-torque system

Adjustable friction devices on cyclic and collective system

Force trim and artificial feel system

Adjustable directional control pedals

Flapping and droop restraint mechanism

Power Plant and Fuel System

Pratt & Whitney Canada PT6B-37A turbo-shaft engine

Engine mounted fuel pump and filter assembly

Engine mounted oil pump and filter assembly

Engine mounted fuel control and governor

Electronic Engine Control (EEC)

Lubrication system control panel

Engine oil chip detectors (1)

Engine mounted fuel heater

Fuel system control panel

3-cell fuel system (605 l – 160 Usgal)

Submerged fuel pumps (2 boost and 1 transfer pump)

RH refueling point RH

Transmission Drive System % Hydraulic System

917 shp for takeoff and 900 shp continuous operation main transmission

Two-stage transmission

Transmission mounted hydraulic pumps (2) with separate reservoir

Internal dry sump transmission lubrication with pressure and scavenge pump and oil filter

Transmission oil chip detectors (2)

Single stage, bevel gear T/R 90° gear box including oil level sight glass and chip detector

Transmission cooling and lubrication system

Transmission shafts

Electrical System

28 V DC 22 Ah nickel-cadmium battery with temperature probe

200 A self-cooled starter generator

Voltage regulator

Battery relay

Interconnecting bus relay

External power relay

Distribution buses (2)

External power receptacle

Position lights

250 W landing lights (2)

Anti collision lights (2)

Cockpit utility lights (2)

Instrument lights with dimming switch

Radio master switch

Avionic Package

Garmin G1000 Integrated Flight Deck system:

Two GDU-1040 10.4" display units providing a Primary Flight Display (PFD) and a Multifunction Display (MFD) and integrating:

- Radio tuning controls
- Flight Management System (FMS)
- Synthetic Vision System
- Helicopter Terrain Awareness and Warning System (HT-AWS)

Two GEA-71H Aircraft Interface Unit with integral Central Maintenance Computer (CMC)

Two GSC-46 Signal Conditioners

xGRS-77H AHRS

GDC-74H Air Data Computer (ADC)

GTX-33H Mode-S Transponder with Extended Squitter (ES) capability

Two GIA-63H Integrated Avionics Units (IAU) comprising:

- COM 1&2
- NAV 1&2
- GPS 1&2
- Aural Alert Generator
- DME tuning interface

Radar Altimeter RA-4500 FreeFlight Systems

Digital Audio Control System (DACS) NAT with two cockpit panels

Magnetic Compass indicator

L3 Avionics System ESI-2000 Electronic Standby Indicator

Airframe Hour meter

System Data (on Displays)

Inter turbine gas temperature indicator (ITT°C)

Engine torque indicator (TQ%)

Compressor speed indicator (N1%)

Turbine speed indicator (N2%)

Rotor speed indicator (NR%)

Transmission oil pressure (PSI) and temperature (°C) indicator (on MFD)

Engine oil pressure (PSI) and temperature (°C) indicator (on MFD)

Fuel pressure (PSI) and fuel quantity (kg) indicator (on PFD/MFD)

Two hydraulic pressure system indicators (PSI) (on MFD)

Outside air temperature indicator (°C) (on PFD)

DC voltmeter (VDC) (on MFD)

DC ammeter (Amp) (on MFD)

Warning Advisory and Maintenance System

Master warning lights

Master caution lights

Warning, caution and advisory messages on PDF display

Aural alerts from IAU 1 & 2

Standard and Additional Equipment

28 Ah battery (in lieu of 22 Ah battery)

Active Noise Reduction (ANR) headsets (pilot and co-pilot)

Baggage compartment lights

Crew open door actuators

First aid kit

Fuel drain electrical valves

Portable fire extinguisher

Quick disconnecting chip detectors

Shoulder harness with inertial reels (pilot and co-pilot)

Tail boom shake

AC power supply system (2 inverters)

AFCS 3-axis duplex SP-711 Honeywell

Baggage compartment extension (1.9m)

Dual controls

Fuel cap with key-lock

Reinforced windshields (pilot and co-pilot)

Rotor brake

Sliding windows on cockpit doors

Windshield wipers (pilot and co-pilot) with wiper switch on cyclic grips

Miscellaneous / Ground Equipment

Air intake/exhaust covers

Ground tools kit (including tow bar, ground wheels, lifting tool)

Pilot tubes covers

Rotorcraft Flight Manual (RFM) and technical publications

Tie-down fittings (main rotor and tail rotor retention straps)

Interior Arrangement

Pilot and co-pilot seats, fore and aft adjustable, with lap belts and headrests

Aluminum alloy honeycomb reinforced floor with anti-skid finishing

Ventilation ram air inlets

Anti reflection instrument panel

Bleed air heater

Primer finished cabin walls

Exterior Finishing and Painting

Finishing in accordance with manufacturer specification (NTA893A)

Primer exterior painting

Standard color scheme from Company paint selection, solid color

Main rotor blades high visibility painting







Contact VULKAAN to discuss
your helicopter needs:

+91 98100 19396 (Better on WhatsApp)
karan.sethi@uva.world

sales@uva.world
www.uva.world

This aircraft is presented for sale in an "as is, where is" condition.

It is strictly offered subject to contract and contingent upon the absence of any prior sale of the helicopter described here in.

This brochure serves marketing purposes exclusively, and its contents are subject to independent verification by the buyer.