



AgustaWestland
A Finmeccanica Company

AW119Ke



AW119Ke FIRE FIGHTING

WINNING CHARACTERISTICS

The AW119Ke is the fastest light single turbine helicopter with 8 seats and the largest unobstructed cabin of its class. Modern technology, high productivity, excellent flying qualities, high controllability and manoeuvrability, robustness and high inherent safety characterise the AW119Ke. Derived from the AW109 with the addition of a skid type landing gear, the AW119Ke retains features typical of light twin-engine helicopters such as system redundancy.

SPACE AND ACCESSIBILITY

Its spacious 3.45 m³ cabin, completely separated from the cockpit, has been designed for high operational flexibility and for rapid and easy reconfiguration. E.g.: a fire fighting team (up to 7 people) to medical evacuation (up 2 stretchers plus 2 assistants in addition to 2 pilots) or patrol and surveillance with specific operational equipment. A large, separate baggage compartment with up to 2.3 m of maximum length is provided. A second multipurpose baggage compartment accessible from the cabin can be used for additional fuel tanks or in the relevant configuration further operational equipment (i.e.: a water bucket).

OPERATIONAL EFFECTIVENESS

The AW119Ke can be equipped with a bambi bucket or belly tank. A rescue hoist with a lift capability of 204 kg and a double cargo hook for long lifting of 1,400 kg / 500 kg. All necessary radios for air-ground communications are also available. The high cruise speed (more than 140 kts) assures quick operational intervention. The excellent performance provided by the powerful Pratt & Whitney PT6B-37A turboshaft engine allows the AW119Ke to safely operate in the most demanding environments typical of fire fighting operations.

FEATURES

Specific available Role Equipment:

- 1,400 kg capacity cargo hook
- Up to 1,225 l capacity bambi bucket
- 1,200 l capacity belly tank
- 204 kg external hoist
- SX-5 or SX-16 search light
- FLIR / LLTV camera
- Video downlink



- Rappelling
- External loudspeakers
- Emergency floats and life rafts
- Wire strike protection
- Auxiliary fuel tanks
- Stretcher (1 or 2)

LEADING DATA

MTOW (internal)	2,850 kg	6,283 lb
MTOW (external)	3,150 kg	6,945 lb
Cruise Speed (2,850 kg, SL, ISA)	257 kph	139 kts
Maximum Range	954 km	515 nm
Maximum Endurance		5 h 20 min
Service Ceiling (ISA)	4,572 m	15,000 ft
Hover IGE (ISA, 2,850 kg)	3,352 m	11,000 ft
Hover OGE (ISA, 2,850 kg)	2,225 m	7,300 ft
Overall Length	12.92 m	42 ft 5 in
Overall Height	3.59 m	11 ft 9 in
Rotor Diameter	10.83 m	35 ft 6 in
Fuel Capacity (std 484 kg)	605 litres	160 USgal
Fuel Capacity (aux 696 kg)	870 litres	230 USgal
Crew / Passengers	1 or 2 pilots with 7 or 6 passengers	
Powerplant	1 x Pratt & Whitney Canada PT6B-37A	
Power Rating - Take-Off	747 kW	1,002 shp

