

AW119 e



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KOALA ENHANCED

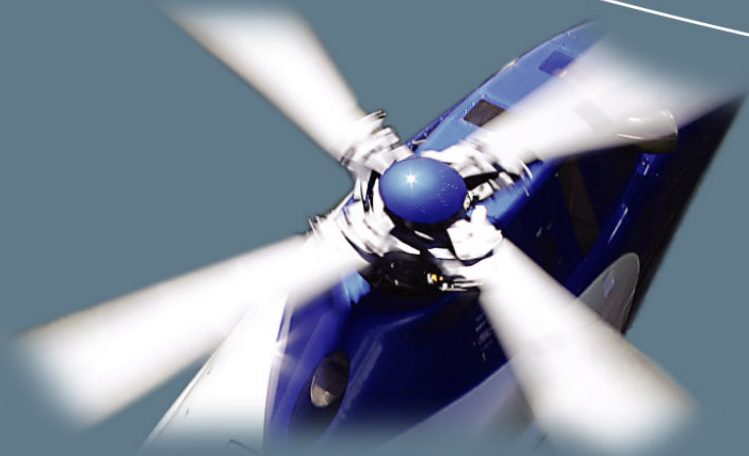
Based on the successful A119, the new AW119 Ke brings you even more capability to a versatile well-proven design.

- > Higher gross weight
- > Increased rotor RPM and new design blades
- > Reduced cruise fuel burn

SINGLE ENGINE > MULTIPLE BENEFITS



AW119 e



DISTINCTIVE FEATURES

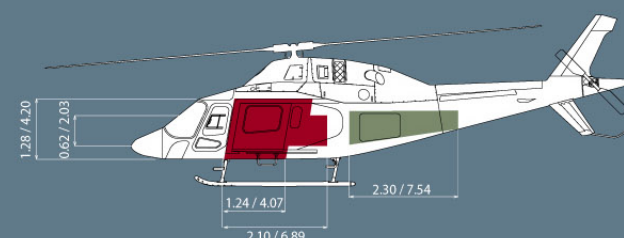
New design main rotor blades
 >> *Increased aerodynamic efficiency*
 >> *Lower fuel consumption*

Higher main rotor rating 102%
 >> *Increased power available*
 >> *Take off and landing up to 2850 kg*



VERSATILITY

- > The most spacious "single" that can accomodate up to 8 people
- > Easy reconfigurable
- > Unique "single" with real EMS capability
- > Separate compartments



MORE VALUE FOR MONEY

HIGH PRODUCTIVITY
 The highest among single turbine helicopters with payload and performance at the top of its class.

REDUCED OPERATING COST
 Simplified maintenance with extended inspection intervals and limited number of components subject to overhaul and retirement life.

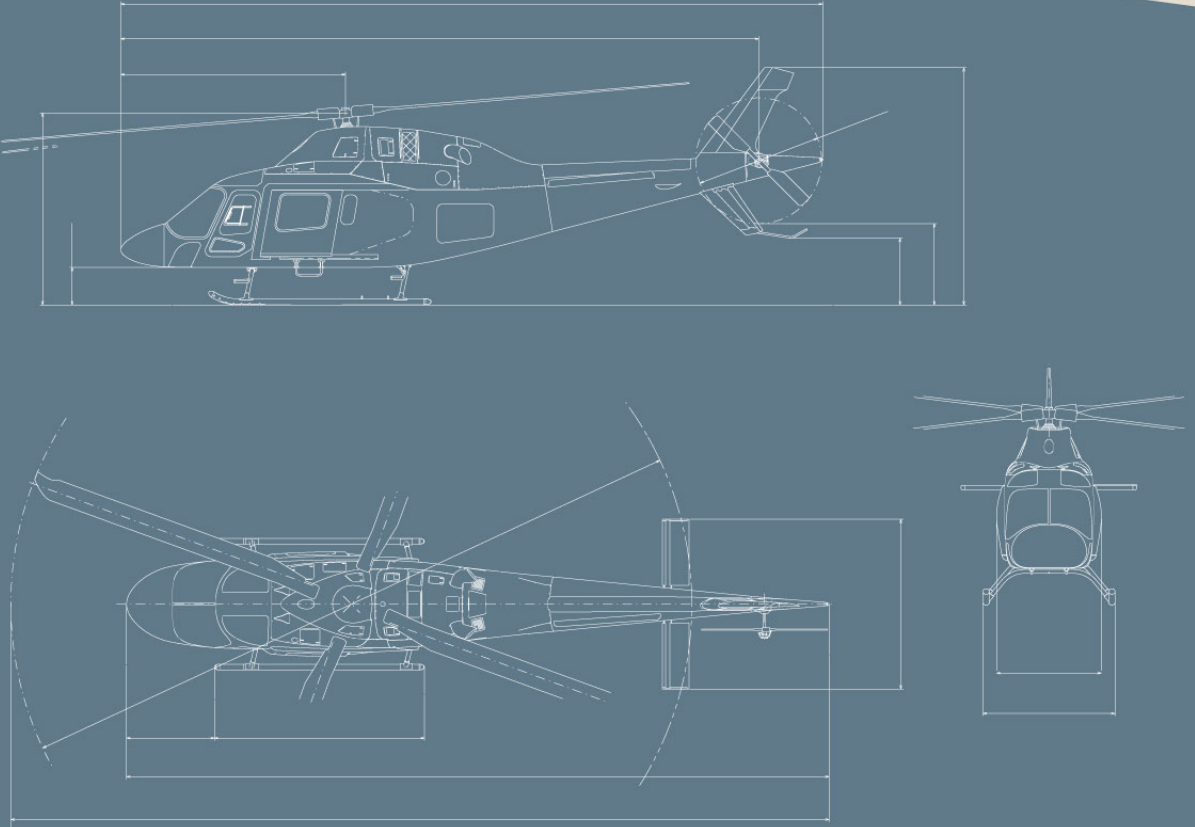
GUARANTEED COST PROGRAMMES
 For both airframe and engine, to meet Customer operational requirements in all kind of applications.

SAFETY FEATURES

- > High power available for extra performance margins
- > High resistance cocoon-type airframe
- > High visibility cockpit
- > Dual independent hydraulics
- > Dual independent AFCS helipilot system



AW119Ke



UTILITY



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

EMS



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

OFFSHORE



- > Outstanding productivity > high cruise speed, low operating costs
- > Unique PLR capability

LAW ENFORCEMENT

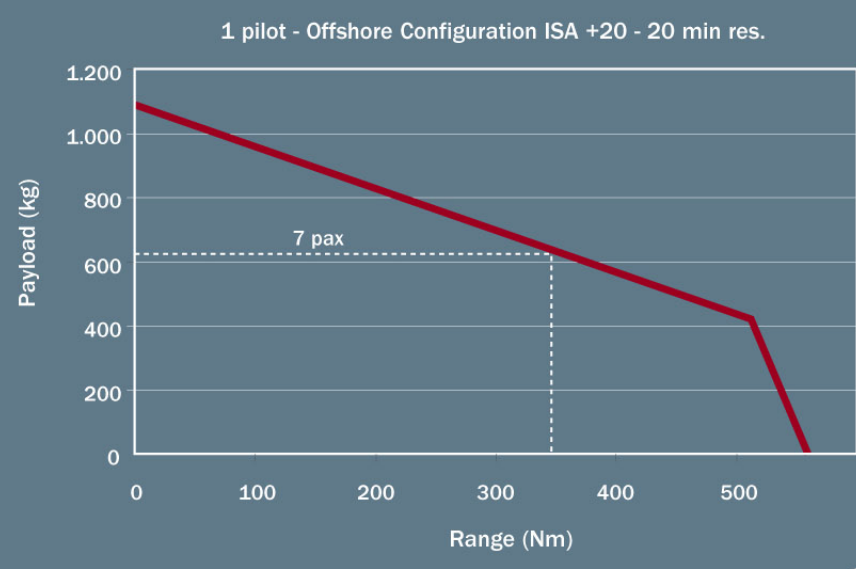


- > Comprehensive choice of specific role equipment
- > Extended time on destination
- > Large comfortable working space for mission operator
- > Worldwide market success

EXECUTIVE TRANSPORT



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



WEIGHTS		
Max gross weight (int. loads)	2850 kg	6283 lb
Max gross weight (ext. loads)	3150 kg	6945 lb
Basic empty weight	1455 kg	3208 lb
Sling load capacity	1400 kg	3086 lb

ENGINE RATINGS (PT6B-37A)		
Take off (5 min)	1 x 747 kW	1 x 1002 shp
Max continuous	1 x 650 kW	1 x 872 shp

TRANSMISSION RATINGS		
AEO Take Off Power (5min)	671 kW	900 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		
Crew	1 or 2	
Total seats	8	

PERFORMANCE (MGW - ISA)		
VNE (SL)	282 km/h	152 kts
Max cruise speed (SL - MCP)	257 km/h	139 kts
Rate of climb (SL - TOP)	9.1 m/s	1789 ft/min
Hovering IGE	3475 m	11400 ft
Hovering OGE	2316 m	7600 ft
Service ceiling	4572 m	15000 ft
Max range*	1013 km	547 nm
Max endurance**	5 h 37 min	

VOLUMES		
Pilot cabin	1.51 m ³	53 ft ³
Pax cabin	3.45 m ³	121 ft ³
Baggage compartment	0.95 m ³	33 ft ³

* Non usable fuel: 10 Kg - 3.3 USG
** with 686 kg usable fuel - no reserve - @5000 ft