

A109 LUH

OHAKEA



SPECIFICATIONS

Aircraft	A109 LUH
Manufacturer	AgustaWestland (Italy)
Power plant	Two Turbomeca Arrius 2K2 turboshaft engines capable of producing 609 Shaft horse power (SHP) each. The transmission system is rated for a maximum of 900 SHP (normally 450 SHP x 2).
Length	12.939m
Fuselage length	11.429m
Rotor diameter	10.830m
Height	3.421m
Empty weight	2200kg
Undercarriage	Retractable tricycle (wheeled)
Max take-off weight	3175kg (3200kg with external load)
Max underslung load	1000kg
Useful load on cargo hook	500kg
Rescue hoist	Can lift 270kg or two people
Max cruise speed	285kph
Normal ferry range	650km
Normal endurance	3 hours 30 minutes
Standard crew	Two pilots and one or two helicopter loadmasters
Seating	The A109LUH has two pilot seats and a maximum of six seats in the rear cabin
Equipment	Glass cockpit (fully Night Vision Goggle compatible) with moving map, advanced flight management system, four-axis autopilot, fitted with radios for interoperability with other military partners and civil agencies, Nightsun searchlight and emergency floats.
Armament	Single pintle mounted 7.62mm MAG 58 Machine Gun
Protection	Full cockpit and rear cabin ballistic protection

The RNZAF has five state-of-the-art AgustaWestland A109 Light Utility Helicopters (A109LUH). They are a lightweight, twin-engine aircraft with a modern glass cockpit and a retractable wheeled undercarriage.

The A109LUH is part of the Defence Force helicopter training system that includes a virtual interactive procedural trainer, a top-of-the-line full flight simulator, and the fleet of five helicopters. This provides the Defence Force with a comprehensive and cost-effective means of training aircrew prior to operational conversion onto the NH90 or Seasprite helicopters. In addition to its training role, the A109LUH is utilised in various operational tasks, including counter-terrorism, disaster relief, and personnel transport. It is available to be employed in support of various government departments in a light utility role.