

KING AIR 350

OHAKEA



The KA350 is a light twin engine fixed wing, nine passenger, commuter aircraft. The NZDF has four KA350s in its fleet, introduced as part of the Air Crew Training Capability project (ACTC). The KA350 has been modified for the NZDF to allow three configurations:

- Transport for nine passengers
- Air Warfare training
- Sensor suite training

The ACTC project also introduced ground-based training systems for both pilots and air warfare officers. The air warfare officer training is conducted using airborne consoles and a mission management system installed in the KA350 cabin.

Pilot training can be conducted in any of the three configurations. There are two ship-sets of consoles allowing Air Warfare Officer training to be conducted on two KA350 aircraft concurrently.

The sensor suite, that will be permanently fitted to two KA350s, consists of an Electro-Optic and Infra-Red camera and a single array multi-mode surveillance radar. The sensor suite will be utilised for sensor operator training.

SPECIFICATIONS

Aircraft	King Air 350 (KA350)
Manufacturer	Beechcraft
Power plant	Two Pratt & Whitney PT6A-60A reverse flow, free turbine engines rated at 1050 shaft horsepower each
Propellers	Four-bladed Hartzell propellers
Length	14.22m
Wingspan	17.65m
Height	4.36m
Basic weight	4,535kg (10,000lb)
Max take-off weight	6,800kg (15,000lb)
Max payload	Eight passengers and 250lb baggage
Max range	3,480km (1,880nm) with two pilots 1,480km (800nm) with two pilots, eight passengers and 250lb baggage
Cruising speed	535–570kph (290–310kts)
Max altitude	10,668m (35,000ft)
Endurance	7.5 hours (two pilots) 5.7 hours (two pilots, eight passengers and 250lb baggage) 4.8 hours (four crew, max height 6,000ft)
Crew	Two pilots for transport operations Two pilots for multi-engine training Four crew for non-pilot training