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# AS365 DAUPHIN



The Airbus Helicopters AS365 Dauphin (*Dolphin*), also formerly known as the Aérospatiale SA 365 Dauphin, is a medium-weight multipurpose twin-engine helicopter currently produced by Airbus Helicopters.

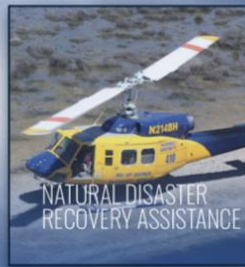
McDermott Aviation operate a fleet of 10 dauphin helicopters of both the N2 and the N3 variant, with the N3 variant having slightly greater performance in higher temperature and altitudes, and also having a higher Maximum Take-Off Weight (MTOW) of 4,300kg, instead of the N2 of only 4,250kg and a lift capacity of 1200kg



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## The Aircraft

Having operated the aircraft type for a long time, we have come to admire the flexibility and reliability of the dauphin. Not often thought to be a utility or 'bush' aircraft, it has proven time and time again to really hold its own against all other aircraft in its size and weight category, and in many cases excel with its cruise speed, endurance, and footprint. We utilise the aircraft on operational tasks such as personnel winching, offshore crew transport, fire-fighting, search and rescue, and lifting and construction operations. Its versatility is unparalleled and proves its value on every task with its agility and capability.



### General Characteristics

Crew:	1 or 2
Capacity	8 - 12 Passengers
Length:	13.73 m (45 ft 1 in)
Height:	4.06 m (13 ft 4 in)
Empty Weight:	2,411 kg (5,315 lb)
Maximum Takeoff Weight (MTOW):	4,300 kg (9,480 lb)
Powerplant:	2 x Turboméca Arriel 2c Turboshaft Takeoff Power - 625kw (838 hp)
Main Rotor Diameter:	11.94 m (39 ft 2 in)
Main Rotor Area:	111.98 sq m (1,205.3 sq ft)

### Performance

Maximum speed:	306 km/h (190 mph; 165 kn)
Ferry range:	827 km (514 mi; 447 nmi)
Service ceiling:	5,865 m (19,242 ft)
Rate of climb:	8.9 m/s (1,750 ft/ min)
Maximum Hook Load	1,600 kg (3,537 lb)

