



TYPE NOTE

Bell 430

A twin-engined light-medium helicopter, stretched and more powerful than the Bell 230.

Powerplant

Engines	2 × Rolls-Royce 250-C40B, 783 hp each
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Performance

Max speed	260 km/h (140 kt)
Service ceiling	14,600 ft
Range	600 km (324 nm)

Weights

Empty	2,406 kg (5,305 lb)
Max takeoff	4,218 kg (9,300 lb)

Dimensions

Rotor diameter	12.8 m (42 ft)
Length	15.32 m (50 ft 3 in)
Height	3.73 m (12 ft 3 in)

Capacity & production

Seating	6–8 passengers plus two pilots
Production	From 1996





TYPE NOTE

Boeing C-17 Globemaster III

A heavy military transport developed for the USAF in the 1980s and 1990s by McDonnell Douglas.

Powerplant

Engines 4 × Pratt & Whitney
F117-PW-100, 180 kN each

Performance

Cruise Mach 0.76 (450 kt, 830 km/h)

Weights

Empty 128,100 kg
Max takeoff 265,350 kg

Dimensions

Length 53 m
Wingspan 51.75 m
Height 16.8 m
Wing area 353 m²

**TYPE NOTE**

Cessna 180

An all-metal, four-seat, high-wing taildragger. Built from 1953 to 1981. The Skywagon name covers the six-seat versions as well.

Powerplant

Engine	Continental O-470-A, 170 kW (225 hp), McCauley constant-speed propeller
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Performance

Max speed	267 km/h (144 kt)
Cruise	260 km/h (140 kt)
Initial climb	1,150 ft/min
Ceiling	20,000 ft
Range	1,247 km (673 nm)

Weights

Empty	690 kg (1,520 lb)
Max takeoff	1,158 kg (2,550 lb)

Dimensions

Span	10.98 m (36 ft)
Length	7.98 m (26 ft 2 in)
Height	2.29 m (7 ft 6 in)
Wing area	16.2 m ² (174 sq ft)

Capacity & production

Seating	Four; Skywagon seating for six
Built	6,210 of the 180 family



TYPE NOTE

Cessna 185

The more powerful Skywagon, introduced in 1961 with a higher useful load and built until 1985.

Powerplant

Engine	Continental IO-520-D, 225 kW (300 hp), three-blade constant-speed prop
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Performance

Max speed	283 km/h (153 kt)
Max cruise	272 km/h (147 kt)
Long-range cruise	207 km/h (111 kt)
Initial climb	1,075 ft/min
Ceiling	17,900 ft
Range	1,575 km (850 nm), with reserves

Weights

Empty	783 kg (1,727 lb)
Max takeoff	1,520 kg (3,350 lb)

Dimensions

Span	10.92 m (35 ft 10 in)
Length	7.81 m (25 ft 8 in)
Wing area	16.2 m ²

Capacity & production

Seating	Six
Built	4,339, including U-17 and AgCarryall

TYPE NOTE

de Havilland DHC-2 Beaver

Figures below are for the turbine DHC-2/A1, as flown by VH-AAX — a Garrett TPE331 in place of the usual radial.

Powerplant

Engine	Garrett TPE331-2-201A, 535 kW (715 shp), Hartzell three-blade
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Performance

Max speed	255 km/h (158 mph)
Cruise	230 km/h (143 mph)
Range	732 km (455 mi)
Ceiling	18,000 ft

Weights

Empty	1,361 kg (3,000 lb)
Gross	2,313 kg (5,100 lb)

Dimensions

Length	9.22 m (30 ft 3 in)
Span	14.63 m (48 ft)
Height	2.74 m (9 ft)
Wing area	23.2 m ² (250 sq ft)

Capacity & production

Seating	Six passengers
DHC-2 family	1,657 built



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TYPE NOTE

Lockheed L-1049 Super Constellation

The C-121C military transport version of the Super Constellation, four compound radials and the famous triple tail.

Powerplant

Engines	4 × Wright R-3350-DA3 Turbo-Compound, 3,250 hp each
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Performance

Max speed	607 km/h
Cruise	547 km/h at 22,600 ft
Stall	160 km/h
Range	8,700 km

Weights

Empty	36,150 kg
Max takeoff	62,370 kg

Dimensions

Length	35.42 m
Span	38.47 m
Height	7.54 m
Wing area	153.7 m ²

Capacity & production

Seating	Typically 62–95
Built	856



TYPE NOTE

Pilatus PC-9

RAAF PC-9/A in Roulettes colours at Avalon in 2005. The identified aircraft is A23-027.

Powerplant

Engine	Pratt & Whitney Canada PT6A-62, 857 kW (1,149 hp)
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Performance

Max speed	593 km/h (320 kt)
Cruise	552 km/h (298 kt) at 10,000 ft
Never exceed	593 km/h (320 kt)
Range	1,593 km (860 nm)
Ceiling	11,580 m (37,992 ft)

Weights

Empty	1,725 kg
Gross	2,250 kg
Max takeoff	3,200 kg

Dimensions

Length	10.69 m
Span	10.11 m
Height	3.26 m
Wing area	16.3 m ²



TYPE NOTE

Shorts SC.7 Skyvan

The box-fuselage utility transport. Almost all of the 150 built were Series 3s, including about 60 military 3Ms.

Powerplant

Engines 2 × Garrett TPE331-2-201A, 535 kW (715 shp), Hartzell three-blade

Performance

Max cruise	324 km/h (175 kt)
Normal cruise	311 km/h (168 kt)
Initial climb	1,640 ft/min
Ceiling	22,500 ft

Weights

Basic operating 3,331 kg (7,344 lb)

Dimensions

Span	19.79 m (64 ft 11 in)
Length	12.21 m (40 ft 1 in)
Height	4.60 m (15 ft 1 in)
Wing area	35.1 m ² (378 sq ft)

Capacity & production

Seating Up to 19, or nine in executive layout

Built 150 Skyvans and Skyliners, mid-1960s to 1987



**TYPE NOTE**

Yakovlev Yak-18T

A four-seat, fully aerobatic tourer introduced late in the series to train Aeroflot pilots — one of the few four-seat light aircraft built in the Soviet Union through the Cold War. Seen here at Mittagong.

Powerplant

Engine	Vedeneyev M-14P, 265 kW (355 hp), two-blade variable-pitch
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Performance

Max speed	295 km/h (159 kt)
Economy cruise	210 km/h (113 kt)
Ceiling	18,120 ft
Range	580 km (313 nm)

Weights

Empty	1,217 kg (2,683 lb)
Max takeoff	1,650 kg (3,637 lb)

Dimensions

Span	11.16 m (36 ft 11 in)
Length	8.39 m (27 ft 7 in)
Height	3.4 m (11 ft 2 in)
Wing area	18.8 m ²

Capacity & production

Seating	Four
Built	About 200 between 1967 and 1989; production resumed at Smolensk in 1993



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TYPE NOTE

Yakovlev Yak-52

A two-seat Soviet aerobatic trainer, first flown in 1976 and later built in Romania by Aerostar. Roughly 1,800 have been made; many now fly in the United States, Britain, New Zealand and Australia.

Powerplant

Engine	Vedeneyev M-14P, 268 kW (360 hp)
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Performance

Max speed	285 km/h (154 kt)
Cruise	190 km/h (103 kt)
Ceiling	13,125 ft
Range	550 km (296 nm)

Weights

Empty	1,015 kg (2,238 lb)
Max takeoff	1,305 kg (2,877 lb)

Dimensions

Span	9.3 m (30 ft 6 in)
Length	7.75 m (25 ft 5 in)
Height	2.7 m (8 ft 10 in)
Wing area	15 m ²

Capacity & production

Seating	Two
Built	About 1,800