

Bombardier de Havilland DASH 8



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The de Havilland Dash 8 was launched in 1980 as a larger successor to the highly successful Twin Otter and a more fuel-efficient and advanced technological alternative to the Dash 7. It is built as rugged, reliable aircraft for high-frequency and short-haul regional airline operations with its unique STOL capability. Capacity is 37 to 39 passengers.

First flight for Dash 8-100 was on June 29 1983 and it entered service in December 1984 with norOntair in Canada.

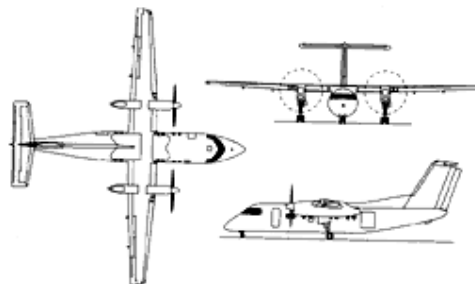
The 50 to 56 seat version series 300 was launched in 1986 as a higher-capacity alternative to the 100.

In 1995 the Dash 8-400 rolled-out. This aircraft with increased speed and range is built for 70 to 78 passengers. Wideroe will be the European launch customer for the 400. It will enter service in mid-1999. Bombardier de Havilland Dash 8s is now called 8Qs. Q stands for Quiet as the aircrafts is equipped with special sound suppressing devices.

Read more about the Dash 8 at [Bombardier Aerospace](#).

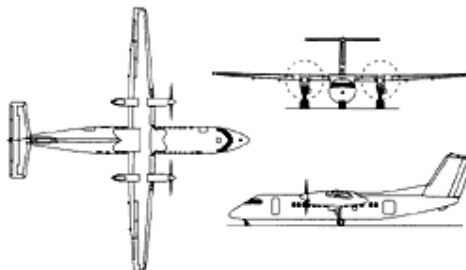
Specifications Dash 8-100

Engines: 2 Pratt & Whitney
Canada PW 121 turboprops, 2000
shp
Cruise speed: 270 kts (500 km/h)
Max range: 1,035 nm (1,900 km)
Max altitude: 25,000 ft (7,600 m)
Length: 73 ft (22.3 m)
Wing span: 85 ft (25.9 m)
Height: 25 ft (7.5 m)
Take-off field length, over 50ft:
3,255 ft (992 m)
Landing field length, over 50ft:
2,580 ft (786 m)



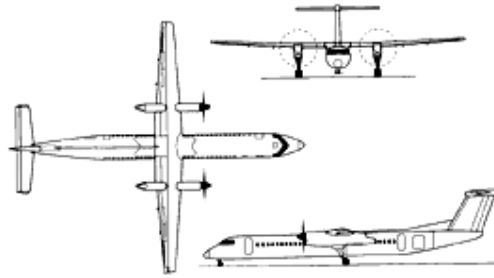
Specifications Dash 8-300

Engines: 2 Pratt & Withney
Canada PW123B turboprops,
2,500 shp
Cruise speed: 270 kts (500
km/h)
Max range: 1,010 nm (1,600
km)
Max altitude: 25,000 ft (7,600
m)
Length: 84 ft (25.7 m)
Wing span: 90 ft (27.4 m)
Height: 25 ft (7.5 m)
Take-off field length, over 50 ft:
3,885 ft (1,178 m)
Landing field length, over 50 ft:
3,415 ft (1,041 m)



Specifications Dash 8-400

Engines: 2 Pratt & Withney
Canada PW150A turboprops,
5,071 shp
Cruise speed: 330 kts (600
km/h)
Max range: 1,300 nm (2,400
km)
Max altitude: 25,000 ft (7,600
m)
Lenght: 108 ft in (32.8 m)
Wing span: 93 ft (28.4 m)
Height: 27 ft (8.4 m)
Take-off field lenght, over 50 ft:
4,430 ft (1,350 m)
Landing field lenght, over 50 ft:
4,250 ft (1,295 m)



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(1998-Jul)