

Q400 Engine

De Havilland Canada Dash 8

needed] Continuing on with the Q400, the 1,000th Dash 8 was delivered in November 2010. Bombardier aimed to produce the Q400 more economically. A deal with

The De Havilland Canada DHC-8, commonly known as the Dash 8, is a series of turboprop-powered regional airliners, introduced by de Havilland Canada (DHC) in 1984. DHC was bought by Boeing in 1986, then by Bombardier in 1992, then by Longview Aviation Capital in 2019; Longview revived the De Havilland Canada brand. Powered by two Pratt & Whitney Canada PW150s, it was developed from the Dash 7 with improved cruise performance and lower operational costs, but without STOL performance. The Dash 8 was offered in four sizes: the initial Series 100 (1984–2005), the more powerful Series 200 (1995–2009) with 37–40 seats, the Series 300 (1989–2009) with 50–56 seats, and Series 400 (1999–2022) with 68–90 seats. The QSeries (Q for quiet) are post-1997 variants fitted with active noise control systems...

2007 Bombardier Dash 8 landing gear accidents

gear failures occurred within three days of each other on

Bombardier Dash 8 Q400 aircraft operated by Scandinavian Airlines System (SAS). A third accident

In September 2007, two separate accidents due to similar landing gear failures occurred within three days of each other on Bombardier Dash 8 Q400 aircraft operated by Scandinavian Airlines System (SAS). A third accident, again with an SAS aircraft, occurred in 27 October 2007, leading to the withdrawal of the type from the airline's fleet.

Viking Air

Bombardier Dash 8 program and the de Havilland brand from Bombardier to continue Q400 production, in Downsview until the lease ends in 2021, in a deal that closed

Viking Air Ltd. was an operator and manufacturer of aircraft, as well as aircraft parts and systems, based at Victoria International Airport in North Saanich, British Columbia, Canada. The company provides upgrades to the DHC-2 Beaver, spare parts for older de Havilland Canada aircraft, and components for Bell Helicopter Textron. The company operated as a subsidiary of Longview Aviation Capital until it was amalgamated into it along with sister company De Havilland Canada in August 2024, with the resulting company using the DHC name only.

2018 Horizon Air Bombardier Q400 incident

direct the aircraft toward the Pacific Ocean and did not fire at it. The Q400 ultimately crashed at 20:43 local time on Ketron Island in Puget Sound, Pierce

On August 10, 2018, a Horizon Air De Havilland Canada Dash 8-400 was stolen from Seattle-Tacoma International Airport (Sea-Tac) by 28-year-old Richard Russell, a Horizon Air ground service agent with no piloting experience. After Russell performed an unauthorized takeoff, two McDonnell Douglas F-15 Eagle fighters were scrambled to intercept the aircraft. Sea-Tac air traffic control made radio contact with Russell, the sole occupant, who described himself as a "broken guy, got a few screws loose, I guess." About 1 hour and 15 minutes after takeoff, Russell successfully executed a barrel roll before purposely crashing the aircraft on the sparsely populated Ketron Island in Puget Sound with the intent to commit suicide. There were no injuries or fatalities in the surrounding area, except for...

SATA Air Açores

Q400 aircraft were projected for the short distance, high-density markets with the archipelago and Macaronesian destinations. Its two PW150A engines,

SATA Air Açores is a Portuguese airline based in São Sebastião, Ponta Delgada in the Azores, Portugal. It operates scheduled passenger, cargo and mail services around the Azores. It provides its own maintenance and handling services and manages four regional airports. Its

main base is at João Paulo II Airport, Ponta Delgada. It also maintains a subsidiary for mid- and long-haul flights, Azores Airlines, the former SATA International.

PAL Express

DHC-8 Q400 operating as Airphil Express Flight 285 from Zamboanga City to Tawi-Tawi was aborted as smoke emitted from the right turboprop engine of the

Air Philippines Corporation, operating as PAL Express and formerly branded as Air Philippines and Airphil Express, is a wholly owned subsidiary of Philippine Airlines. It is PAL's regional brand, with services from its hubs in Manila, Clark, Cebu, and Davao.

The airline was rebranded a number of times - first as Air Philippines, then Airphil Express, and finally as PAL Express. After a series of financial losses, Air Philippines ceased operations until it was acquired by investors from Philippine Airlines. After the acquisition, the airline was re-launched as PAL Express, operating some routes and slot assignments of its sister company Philippine Airlines until its management decided to rebrand the carrier as a budget airline known as Airphil Express.

However, in March 2013, the airline name...

Turboprop

turboprop airliners in service were the ATR 42/72 (950

aircraft), Bombardier Q400 (506), De Havilland Canada Dash 8-100/200/300 (374), Beechcraft 1900 (328)

A turboprop is a gas turbine engine that drives an aircraft propeller.

A turboprop consists of an intake, reduction gearbox, compressor, combustor, turbine, and a propelling nozzle. Air enters the intake and is compressed by the compressor. Fuel is then added to the compressed air in the combustor, where the fuel-air mixture then combusts. The hot combustion gases expand through the turbine stages, generating power at the point of exhaust. Some of the power generated by the turbine is used to drive the compressor and electric generator. The gases are then exhausted from the turbine. In contrast to a turbojet or turbofan, the engine's exhaust gases do not provide enough power to create significant thrust, since almost all of the engine's power is used to drive the propeller.

National Jet Express

interactive exhibit. In August 2019, Cobham commenced flights with the Dash 8 Q400 on selected charter services. In January 2020, Cobham and all of its subsidiaries

National Jet Express (formerly Cobham Aviation Services Australia - Regional Services) is an Australian charter airline and aviation services provider with its headquarters in Perth, Western Australia.

Air Mantra

India. The initial growth plan saw the acquisition of ATR 72 and Bombardier Q400 aircraft. Revenue flights were launched on 23 July 2012. The initial two

Air Mantra was a regional airline headquartered in New Delhi, India, that operated domestic flights between July 2012 and April 2013.

De Havilland Canada

Longview Aviation Capital, announced the acquisition of the Dash 8 and Q400 program, the last DHC designs still held by Bombardier, along with the rights

De Havilland Aircraft of Canada Limited (DHC) is a Canadian aircraft manufacturer that has produced numerous aircraft models since its inception including the popular Dash 8. The company's primary facilities were located in the Downsview area of Toronto, Ontario, for many years; in 2022, it was announced that it would relocate primary manufacturing to De Havilland Field, under development near Calgary, Alberta. The aircraft types currently in production or planned for production include the DHC-6 Twin Otter, DHC-8 Dash 8, and DHC-515 Firefighter.

DHC was created in 1928 by the British de Havilland Aircraft Company to build Moth aircraft for the training of Canadian airmen, and subsequently after the Second

World War, designed and produced indigenous designs. In the 1980s, the government of...

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