Dash 8-400 Cargo Solutions Specifications

Configuration	**Quick Change** (Dash 8-400 QC)	**Package Freighter** (Dash 8-400 PF)	**Freighter With Large Cargo Door** (Dash 8-400 F-LCD)
Passenger	Current configuration	N/A	N/A
Cargo Weight (Tonne)	9.2	10.2	9.7
Cargo Volume (m^3)	52.8	78.6	78.6
Cargo Weight (lb)	20,310	22,500	21,400
Cargo Volume (ft^3)	1,867	2,777	2,777
Cargo Compartment	Class E	Class E	Class E
LD3 Container	N/A	N/A	8
Range[A]	Cargo: 1,600 nm Passenger: 1,100 nm[B]	1,555 nm	1,640 nm[C]

[A] Assumptions: cargo density @ 6 lb/ft^3 (96 kg/m^3), still air range, ISA en-route temperature, 100 nm diversion, 45 min hold at 15,000 ft, 5% flight fuel contingency
[B] Based on 74-seat configuration
[C] Based on eight LD3 containers plus miscellaneous cargo

All cargo conversions are dependent on the existing aircraft configuration and are subject to a Pricing & Offerability Assessment. Conversions include the Service Bulletin and Kit. Installation by De Havilland Canada personnel, affiliates, or Authorized Service Facilities is subject to availability and shall be assessed upon request. Contact De Havilland Canada for additional details.

Nose-to-Tail Support Solution

An OEM solution to aircraft modification always offers incremental advantages over a third-party Supplemental Type Certificate (STC) solution. From a certification standpoint, De Havilland Canada has accumulated engineering experience since the original design of the Dash 8-400 aircraft and has worked with aviation authorities on many certification processes. From a support and services standpoint, it is in De Havilland Canada's utmost interest to ensure that – in addition to the modification – the entire aircraft is well-supported throughout its life cycle. Any De Havilland Canada modification solution will be well-designed, tested, and certified to ensure full integration with the rest of the aircraft system.

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