

Dash 8-400

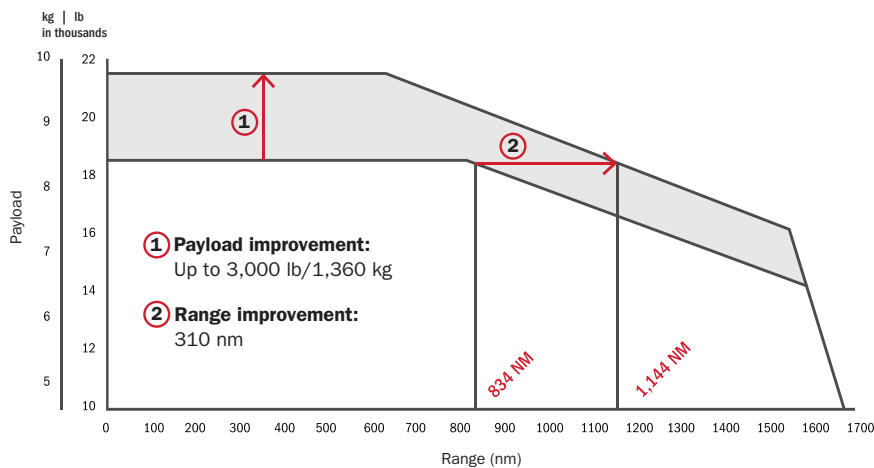
DESIGN WEIGHT INCREASE (DWI)



THE DASH 8-400 DWI allows for more seats per aircraft, more weight capacity for checked baggage, more operating range, and an overall improved passenger experience.

Maximum Take-Off Weight	30,481 kg	67,200 lb
Maximum Landing Weight	29,030 kg	64,000 lb
Maximum Zero Fuel Weight	27,669 kg	61,000 lb
Typical Operational Weight Empty	17,903 kg	39,469 lb
Maximum Structural Payload	9,766 kg	21,531 lb
Aft Baggage Compartment	1,656 kg	3,650 lb
Standard Fuel Capacity	5,318 kg	11,724 lb

Flexible Payload & Range Improvements



Key Benefits & Features

- Payload increase of 1,360 kg / 3,000 lb
- Optional aft baggage compartment weight increase
- Improved fuel tankering capability
- Addresses regulatory requirements to increase average passenger and baggage weights
- Includes improved Weight, Altitude, Temperature (WAT) and Maximum Brake Energy limits



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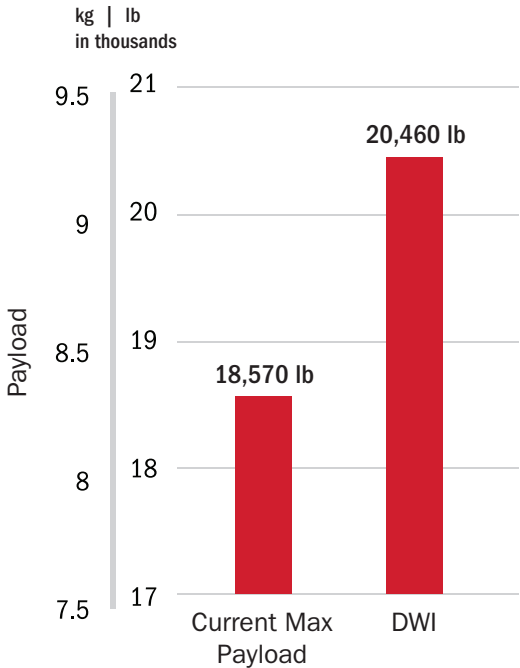
265 nm Range Improvement When Tankering Fuel on a Return Mission with 18,750 lb / 8,420 kg Payload



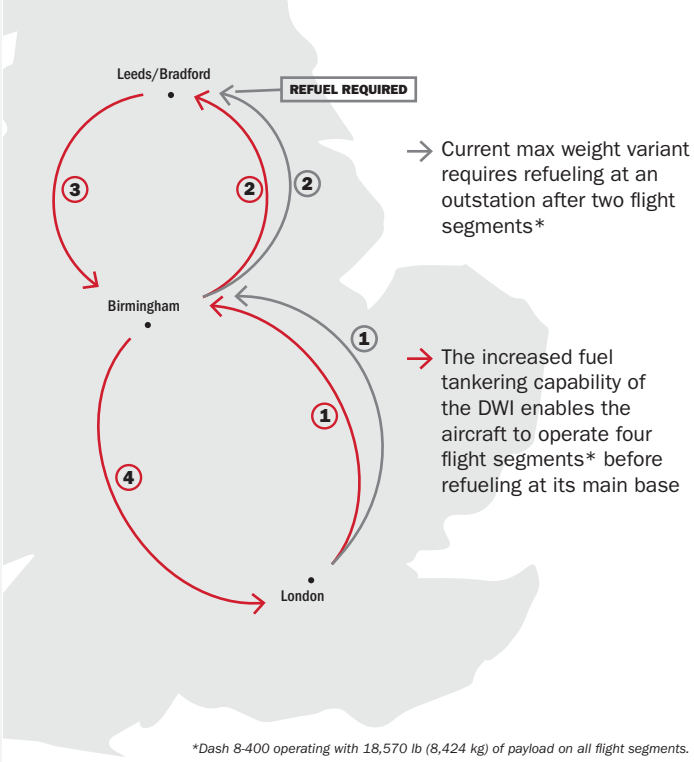
Current max weight variant range on a return mission = **260 nm**

DWI range on a return mission = **525 nm**

10% Payload Improvement on a 260 nm Return Mission When Tankering Fuel



Fuel Cost Savings When Tankering Fuel



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