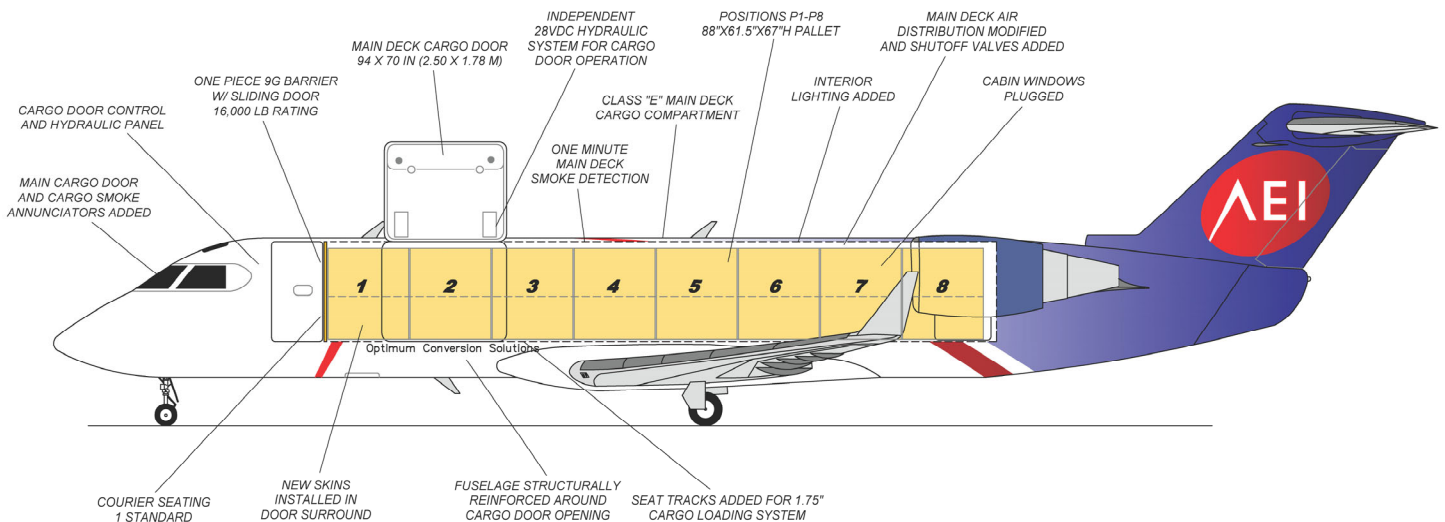




Freighter Conversion Data Sheet

The Aeronautical Engineers Inc. AEI CRJ200 SF “Large Cargo Door” Conversion consists of the installation of a 94"x70" cargo door on the left side of the fuselage, installation of a 9G rigid cargo/smoke barrier and modification of the main deck to a Class E cargo compartment. After conversion the aircraft will have the capability to carry containerized and or bulk cargo up to 6.7 tonnes.

AEI's cargo doors have earned a reputation of being the most robust and reliable in the conversion industry. The cargo door will be hydraulically operated and actuated from the inside of the aircraft by an independent system. Hydraulic pressure is available from two sources; a 28VDC electrically operated hydraulic pump or a manual hand pump. The door control and manual pump will be located on the 9g barrier, allowing a single person to operate the Main Deck Cargo Door.



Approvals

United States FAA
STC ST02606LA

Europe EASA
STC 10061615

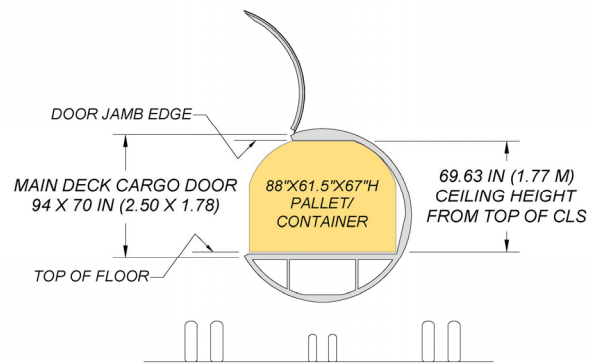
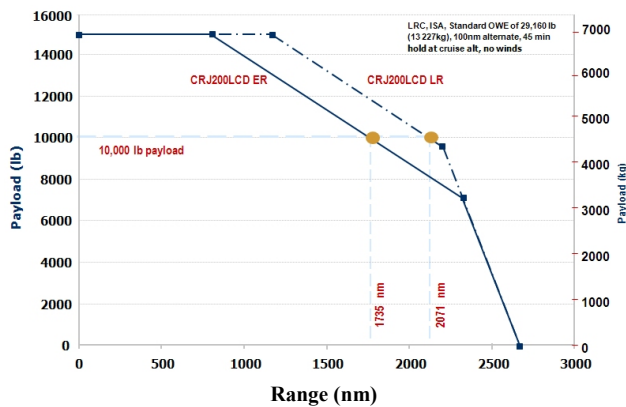
Canada
SA18-130



Freighter Weights and Volumes

	CRJ200 SF ER	CRJ200 SF LR
MTOW	51,000 lb 23,133 kg	53,000 lb 24,041 kg
MLW	47,000 lb 21,319 kg	47,000 lb 21,319 kg
MZFW	44,000 lb 19,958 kg	44,000 lb 19,958
BEW	29,426 lb 13,347 kg	29,426 lb 13,347 kg
Max Useable Fuel	14,305 lb 6,489 kg	14,305 lb 6,489 kg
Max Payload	14,574 lb 6,611 kg	14,574 lb 6,611 kg

Main Deck Usable Volume	
8 ASZ ULD's 61.5"x83"x67.9"H	1,356 Ft³ (38.4 m ³)
8 Pallets (EST) 61.5"x88"x67.25"H	1,452 FT³ (41.1 m ³)



POSITIONS 1 - 8
VIEW LOOKING FWD
INTERIOR VOLUME
1,452 FT³
(41.1 M³)

Main Attributes

- Bombardier Licensed 3rd Party STC Provider
- Two CLS options
- Eight 61.5"X88" ULD Positions, included in the purchase price
- Eight 62"X88" ULD Positions, optional
- Up to 14,574 LB (6,611 KG) Main Deck Payload (depending on Model & Aircraft Weight Limits)
- Large Cargo Door 94" X 70"
- Cargo Density Capability 120kg/m3
- 1.75" Ancra Cargo Loading System
- Single Vent Door System
- 28VDC, independent cargo door hydraulic system
- Cabin windows replaced with aluminum window plugs
- 9g rigid cargo / smoke barrier with sliding door
- 1 Supernumerary Seat
- Proven robust commercial aircraft platform

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