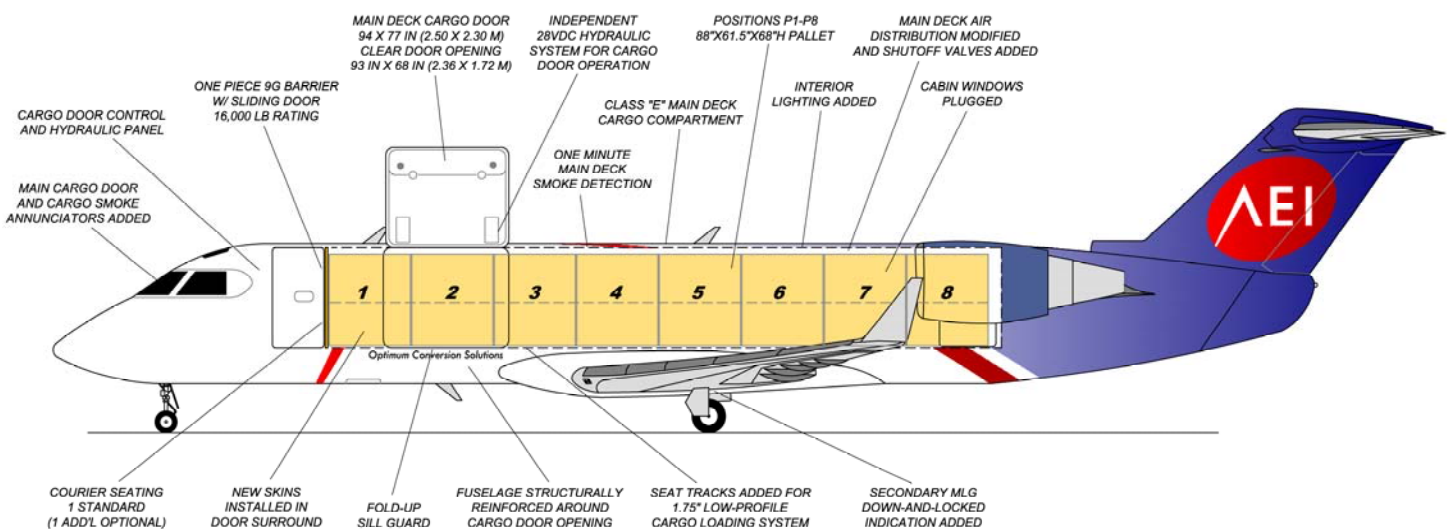




Freighter Conversion Data Sheet

The Aeronautical Engineers Inc. AEI CRJ200 SF "Large Cargo Door" Conversion consists of the installation of a 94"x77" 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.



Planned Approvals

United States FAA

European EASA

Chinese CAAC

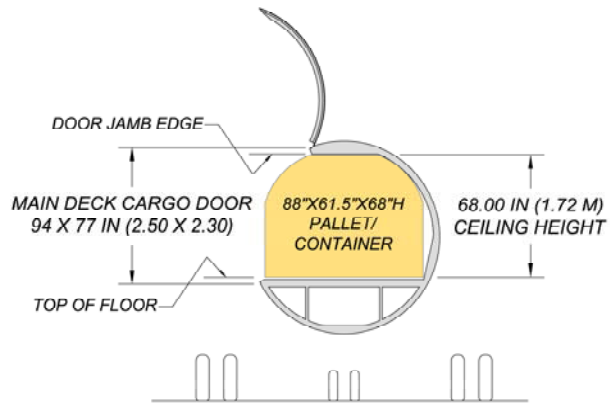
Brazilian ANAC

Russian & CIS



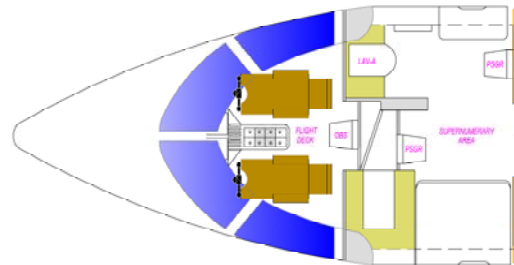
Freighter Weights and Volumes

| | CRJ200 SF ER | CRJ200 SF LR |
|-------------------------------|------------------------------------|------------------------------------|
| MTW* | Up to 51,250 LB Max (23,247 kg) | Up to 53,250 LB Max (24,154 kg) |
| MTOW* | Up to 51,000 LB Max (23,133 kg) | Up to 53,000 LB Max (24,041 kg) |
| MZFW* | Up to 44,000 LB Max (19,958 kg) | Up to 44,000 LB Max (19,958 kg) |
| MLW* | Up to 47,000 LB Max (21,319 kg) | Up to 47,000 LB Max (21,319 kg) |
| BEW** | 29,160 LB (13,227 kg) | 29,160 LB (13,227 kg) |
| Total Aircraft Payload | Up to 14,840 LB Max (6,731 kg) | Up to 14,840 LB Max (6,731 kg) |
| Fuel Capacity | 14,305 LB (6,489 KG) | 14,305 LB (6,489 KG) |



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

| Main Deck Usage Volume | |
|---------------------------------------|--|
| 8 Containers 61.5"x88"x68"H | 1,452 Ft³ (41.1 m ³) |
| 8 Pallets 61.5"x88"x70"H | 1,864 FT³ (52.7 m ³) |



Main Attributes

- Bombardier Licensed 3rd Party STC Provider
- Eight 61.5"X88" Pallet Positions
- Up to 14,840 LB (6,731 KG) Main Deck Payload (depending on Model & Aircraft Weight Limits)
- Large Cargo Door 94" X 77"
- Cargo Density Capability 120kg/m3
- 1.75" Ancra Cargo Loading System
- Dual Vent Door System
- 28VDC, independent cargo door hydraulic system
- Cabin windows replaced with aluminum window plugs
- 9g rigid cargo / smoke barrier with sliding door
- Up to 2 Supernumerary Seats

BOMBARDIER Licensed
3rd Party STC Provider



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