

CRJ200 FREIGHTER

PRESENTATION



The chain that holds

Airest AS

Majaka str. 26, 11412,
Tallinn, Estonia

Phone +372 605 1230

Fax +372 605 1256

info@airest.aero

www.airest.aero



Operated by **AIREST**
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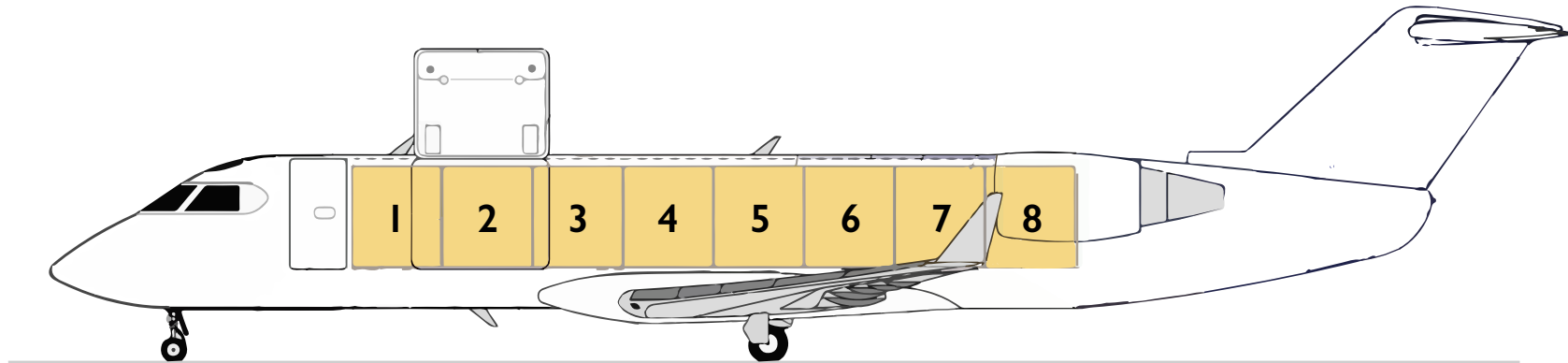


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LS-LCA

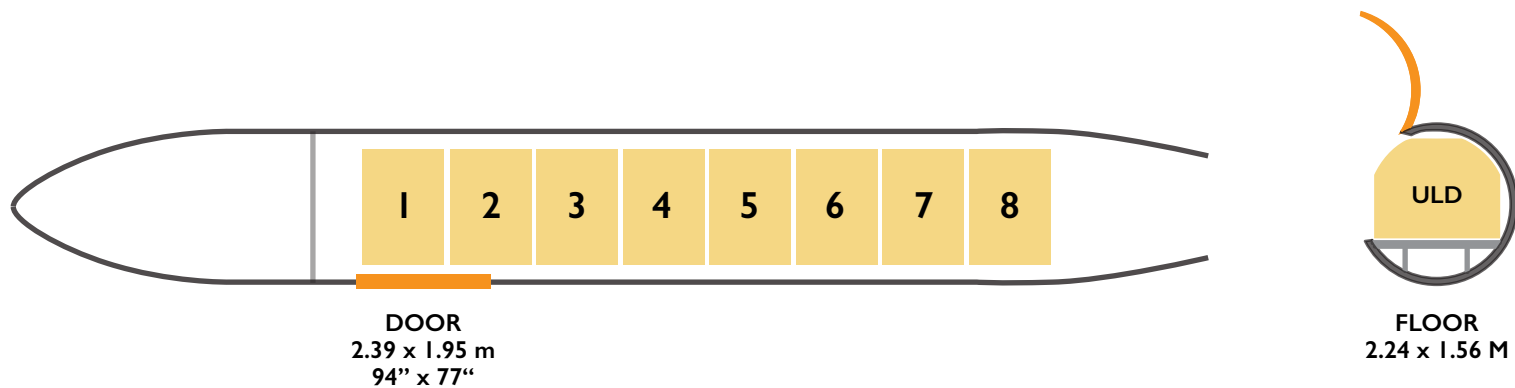
BOMBARDIER CRJ200 SF

- **CRJ200 SF is a passenger to freighter conversion** with a large cargo door
- **Large cargo door** is with a width of **94 x 77 inch (2.39 x 1.95 m)**
- Aircraft is possible to equip with a configuration of **8 ULD's**
- **2 different ULD designs / 1 pallet available.** Additional options possible.



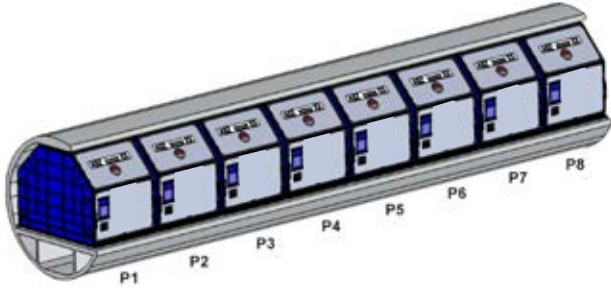
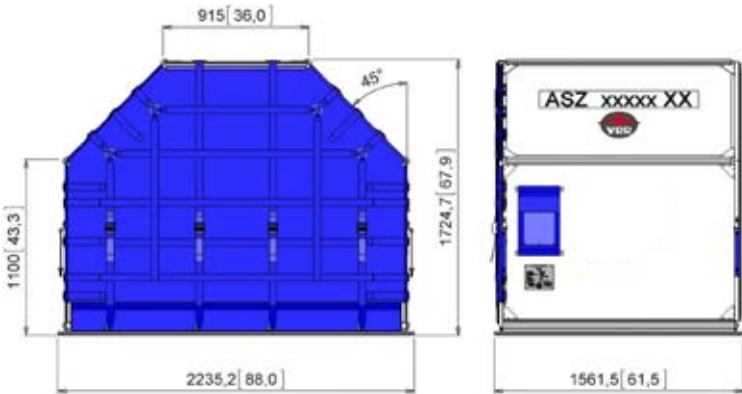
ULD/LOADING OPTIONS

- **8 ASZ** container can accommodate up to **38.4m³** of cargo
- **8 LSY** container can accommodate up to **35.2m³** of cargo
- **8 PSA** netted pallets can accommodate at least **41.1m³** of cargo
- **8 mixed** positions of ASZ / LSY / PSA **or other type of ULD's / pallets**



ASZ CONTAINER

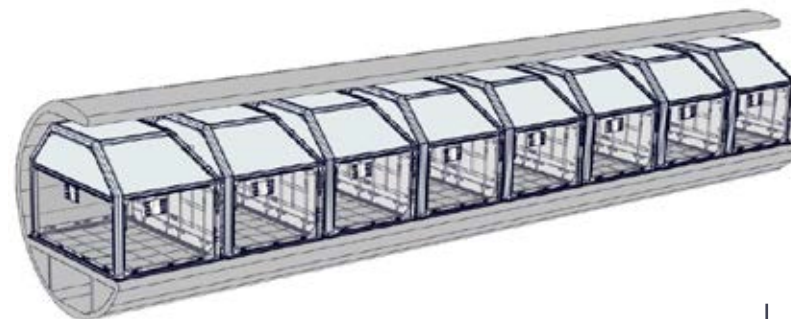
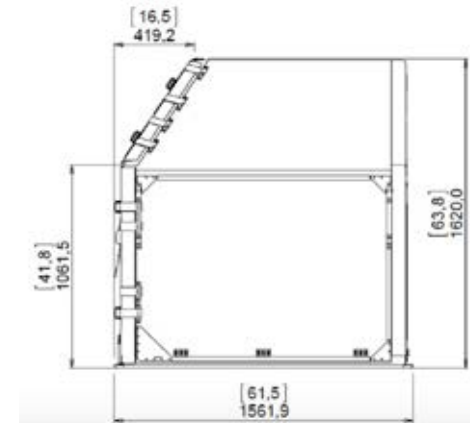
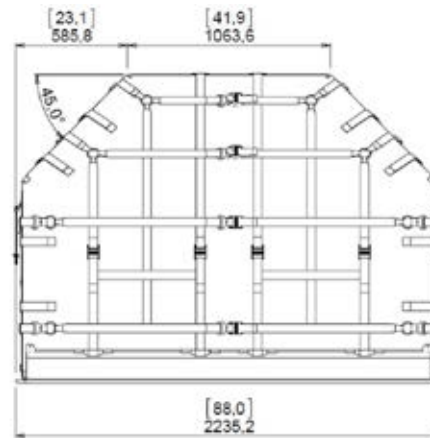
8 ASZ full frame containers can accommodate up to **38.4 m³** of cargo.



- **External dimensions** (L × W × H) **223.52 x 156.15 x 172.47 cm** (88 × 61.5 × 67.9 inch)
- **Base dimensions** (L × W) **223.52 x 156.15 cm** (88 × 61.5 inch)
- **Door aperture dimensions** (W × H) **201.93 x 161.04 cm** (79.5 × 63.4 inch)
- Internal volume **4.8 m³**
- Tare weight **102 kg**
- **Max operational gross** for CRJ20SF **907 kg** (on 3 positions P4-P6 805 kg)
- Max operational gross 3400 kg

LSY CONTAINER IN CRJ200 SF

8 LSY containers can accommodate up to **35.2 m³** of cargo.



Slightly smaller cargo space available due to compability with other aircraft types.

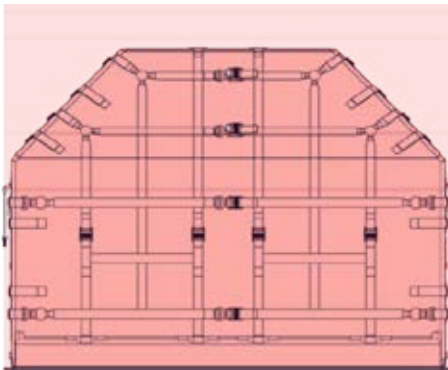
Commonly used in B737-300 (QC & SF), **A300-600F** and **B757F**. This could benefit from direct ULD aircraft to aircraft cargo movement and fastest possible transfer time. On the negative aspect this would require increased number of ULD and those ULD might be difficult to arrange back to departure station.

- **External dimensions** (L × W × H) **223.52 x 156.15 x 162.05 cm** (88 × 61.5 × 63.8 inch)
- **Base dimensions** (L × W) **223.52 x 156.15 cm** (88 × 61.5 inch)
- Internal volume **4.4 m³**
- **Max operational gross** for CRJ20SF **907 kg** (on 3 positions P4-P6 805 kg)

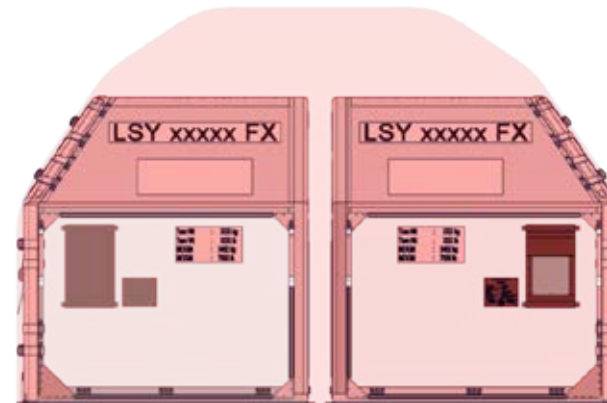
LSY CONTAINER IN AAY CONTOUR

- **2 LSY containers** fit into **AAAY** contour
- The AAY containers are **commonly used in the B737-300** (QC & SF) and **B757F**

SIDE VIEW



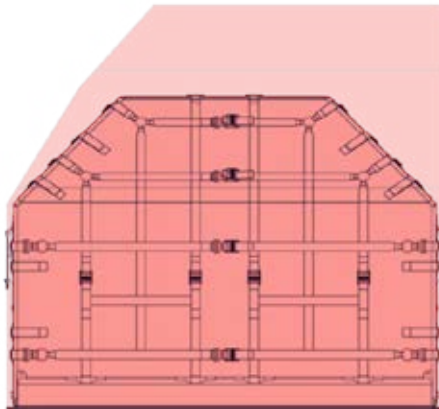
FRONT VIEW



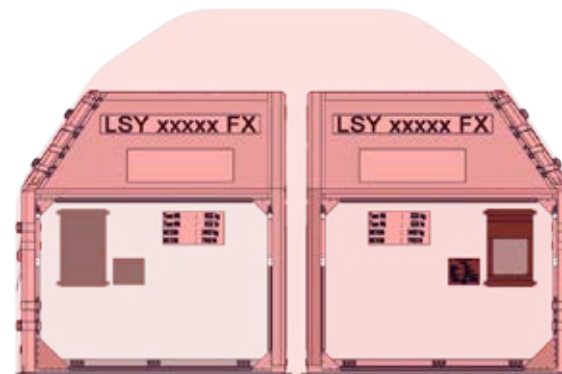
LSY CONTAINER IN LAY CONTOUR

- **2 LSY containers** fit into **LAY** contour
- The LAY containers are **commonly used back to back** in the **B737-300** (QC & SF) and **B757F**

SIDE VIEW



FRONT VIEW



PSA PALLET

- Offered by AEI as a standard option
- **More available cargo space** with PSA pallet
- Allows **easier build-up** of pallet
- **Tare weight: 46 kg**
- **Max operational gross** for CRJ200 SF: 907 kg (on 3 positions P4-P6 805 kg)
- Possibility to use lock bridges between PSA pallets to use hand fork lift (needs to be clarified)
- Might require more experience to get shape of pallet right to fit the aircraft



WEIGHTS AND VOLUMES

Weights

	ER	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**	29,426 lb (13,347 kg)	29,426 lb (13,347 kg)
Total Aircraft Payload***	Up to 14,574 lb Max (6,611 kg)	Up to 14,574 lb Max (6,611 kg)
Fuel Capacity****	14,305 lb (6,489 kg)	14,305 lb (6,489 kg)

Main Deck Usable Volume

8 ASZ Containers 61.5" x 88" x 67.9"H *****	1,356 ft ³ (38.4 m³)
8 Pallets (EST) 61.5" x 88" x 67.25"H *****	1,452 ft ³ (41.1 m³)

* Aircraft as-delivered weights

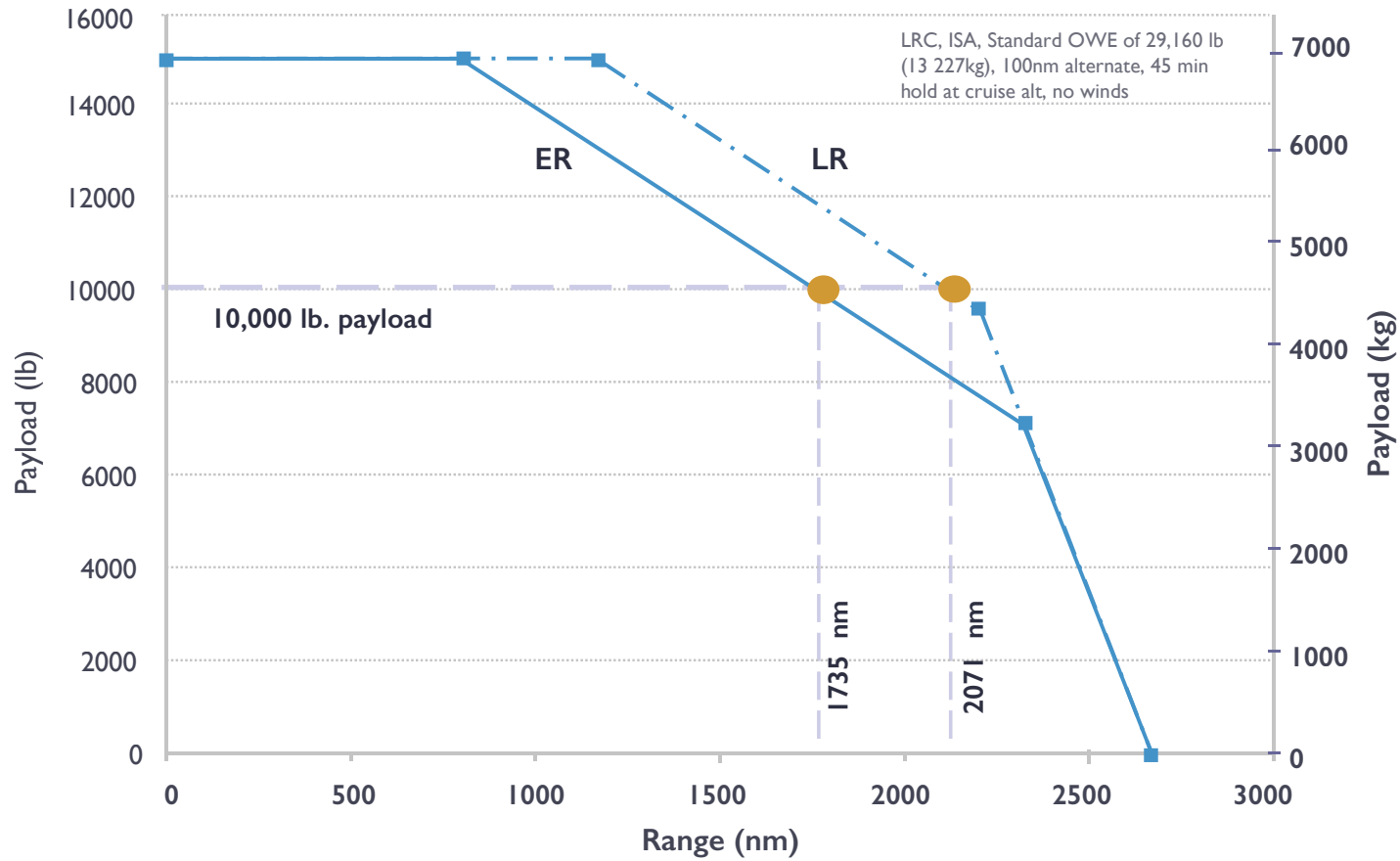
** Typical BEW after conversion for standard conversion configuration. Actual BEW depends on original aircraft configuration and options selected during conversion.

*** Max Aircraft Payload, depends on aircraft BEW plus operation items and MZFW, Total Main Deck Payload estimates only
Aircraft Requires ballast when flying empty, this might impact revenue payload

**** Floor board to finished ceiling height is 71.38"

**** Top of CLS to finished ceiling height is 69.63"

PAYLOAD AND RANGE





CONTACTS



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