

ICAO AIRPLANE CO<sub>2</sub> CERTIFICATION DATABASE (CO<sub>2</sub>DB)

CO2DB Datasheet Template

Record Status: Current

IDENTIFICATION OF AEROPLANE TYPE DESIGN:

Aeroplane CO2DB UID: 34

Applicant: Aeroplane TC Holder

Aeroplane:

Aeroplane Type Certificate Identification: A-236 (TCCA), EASA.IM.A.570 (EASA), T00008NY (FAA)

Aeroplane Supplemental Type Certificate Identification (if applicable):

Aeroplane TC Holder: Airbus Canada Limited Partnership

Aeroplane STC Holder (if applicable):

Aeroplane Type Designation: BD-500-1A11 (A220-300)

Mod. No. / Freeform Description: Aircraft CO2 variant 301

Number of Propulsion Engines: 2

Engine:

Engine TC Holder: Pratt & Whitney

Engine STC Holder (if applicable):

Type Designation: PW1521G-3

Engine Type Certificate Identification: E-38 (TCCA), EASA.IM.E.090 (EASA), E00090EN (FAA)

Engine Supplemental Type Certificate Identification (if applicable):

Mod. No. / Freeform Description:

If revised, these data supersede Aeroplane CO2DB UID:

CO<sub>2</sub> Certification Basis:

Primary Certifying Authority (CA): TCCA

Date of CO<sub>2</sub> Certification (yyyy-mm-dd): 2025-09-25

State's Regulation: AWM 516 Subchapter C

Edition/Amendment: 516-15

Certification Basis: CAEP/10 InProduction

Propeller (if applicable):

Propeller TC Holder:

Propeller STC Holder (if applicable):

Type Designation:

Propeller Type Certificate Identification:

Propeller Supplemental Type Certificate Identification (if applicable):

Mod. No. / Freeform Description:

REGULATORY DATA:

Certified CO <sub>2</sub> MTOM (kg):	70896	Value rounded to nearest kilogram
CO <sub>2</sub> Emissions Evaluation Metric Value* (kg/km):	0.731	Value rounded to 3 decimal places (X.XXX)

Summary of data as per ICAO Annex 16 Volume III : Limit for this MTOM and comparison of Metric Value to this limit

		Limit for this MTOM	MV Percentage of this limit
Part II, Chapter 2, 2.4.2 d)-f)	CAEP/10 In-Production	0.802	91.1%
Part II, Chapter 2, 2.4.2 a)-c)	CAEP/10 New Type	0.767	95.3%

REMARKS

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