

ICAO AIRPLANE CO₂ CERTIFICATION DATABASE (CO₂DB)

CO2DB Datasheet Template

Record Status: Current

IDENTIFICATION OF AEROPLANE TYPE DESIGN:

Aeroplane CO2DB UID: 38

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-500-1A10 (A220-100)
Mod. No. / Freeform Description: Aircraft CO2 variant 103
Number of Propulsion Engines: 2

If revised, these data supersede Aeroplane CO2DB UID:

CO₂ Certification Basis:
Primary Certifying Authority (CA): TCCA
Date of CO₂ Certification (yyyy-mm-dd): 2025-12-22
State's Regulation: AWM 516 Subchapter C
Edition/Amendment: 516-16
Certification Basis: CAEP/10 InProduction

Engine:
Engine TC Holder: Pratt & Whitney
Engine STC Holder (if applicable):
Type Designation: PW1521GA
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:

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 ₂ MTOM (kg):	63730	Value rounded to nearest kilogram
CO ₂ Emissions Evaluation Metric Value* (kg/km):	0.677	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	0.797	84.9%
Part II, Chapter 2, 2.4.2 a)-c)	CAEP/10 New Type	0.764	88.6%

REMARKS

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