

ICAO AIRPLANE CO₂ CERTIFICATION DATABASE (CO₂DB)

CO2DB Datasheet Template

Record Status: Current

IDENTIFICATION OF AEROPLANE TYPE DESIGN:

Aeroplane CO2DB UID: 28

Applicant: Aeroplane TC Holder

Aeroplane:

Aeroplane Type Certificate Identification: EASA.A.064

Aeroplane Supplemental Type Certificate Identification (if applicable):

Aeroplane TC Holder: AIRBUS S.A.S.

Aeroplane STC Holder (if applicable):

Aeroplane Type Designation: A321-271NX

Mod. No. / Freeform Description: 168228 (Optimisation of the Upper Belly Fairing)

Number of Propulsion Engines: 2

Engine:

Engine TC Holder: International Aero Engines (IAE)

Engine STC Holder (if applicable):

Type Designation: PW1133G-JM

Engine Type Certificate Identification: EASA.IM.E.093

Engine Supplemental Type Certificate Identification (if applicable):

Mod. No. / Freeform Description: - MOD 167243 (Block D combustor)

If revised, these data supersede Aeroplane CO2DB UID:

CO₂ Certification Basis:

Primary Certifying Authority (CA): EASA

Date of CO₂ Certification (yyyy-mm-dd): 2026-01-22

State's Regulation: ICAO Annex 16 Vol. III

Edition/Amendment: 1st Edition, Amendment 2, July 2023

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 ₂ MTOM (kg):	97000	Value rounded to nearest kilogram
CO ₂ Emissions Evaluation Metric Value* (kg/km):	0.874	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	0.957	91.3%
Part II, Chapter 2, 2.4.2 a)-c)	CAEP/10 New Type	0.916	95.4%

REMARKS

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