

ICAO AIRPLANE CO₂ CERTIFICATION DATABASE (CO₂DB)

CO2DB Datasheet Template

Record Status: Current

IDENTIFICATION OF AEROPLANE TYPE DESIGN:

Aeroplane CO2DB UID: 25

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: A321-251NX

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

Number of Propulsion Engines: 2

Engine:

Engine TC Holder: CFMI

Engine STC Holder (if applicable):

Type Designation: LEAP-1A32

Engine Type Certificate Identification: EASA.E.110

Engine Supplemental Type Certificate Identification (if applicable):

Mod. No. / Freeform Description: - 161038 (Booster step 2)

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):	0.875	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	91.4%
Part II, Chapter 2, 2.4.2 a)-c)	CAEP/10 New Type	0.916	95.5%

REMARKS

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