

ICAO AIRPLANE CO₂ CERTIFICATION DATABASE (CO₂DB)

CO2DB Datasheet Template

Record Status: **Current**

IDENTIFICATION OF AEROPLANE TYPE DESIGN:

Aeroplane CO2DB UID: **27**

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: **A321-253NX**

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

Number of Propulsion Engines: **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**

Engine:

Engine TC Holder: **CFMI**

Engine STC Holder (if applicable):

Type Designation: **LEAP-1A33**

Engine Type Certificate Identification: **EASA.E.110**

Engine Supplemental Type Certificate Identification (if applicable):

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

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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