

# 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: **31**

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**

If revised, these data supersede Aeroplane CO2DB UID:

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

Primary Certifying Authority (CA): **EASA**

Date of CO<sub>2</sub> 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: **International Aero Engines (IAE)**

Engine STC Holder (if applicable):

Type Designation: **PW1133GC-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)**

**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):	<b>97000</b>	Value rounded to nearest kilogram
CO <sub>2</sub> Emissions Evaluation Metric Value* (kg/km):	<b>0.874</b>	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

- 
- 
- 
- 
- 
- 
- 
-