

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: 30

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: PW1133G1-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):	97000	Value rounded to nearest kilogram
CO <sub>2</sub> 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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