

ICAO AIRPLANE CO₂ CERTIFICATION DATABASE (CO₂DB)

CO2DB Datasheet Template

Record Status: Current

IDENTIFICATION OF AEROPLANE TYPE DESIGN:

Aeroplane CO2DB UID:18

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:A320-253N

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-1A29

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):2025-12-08

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 CO₂ MTOM (kg):79000Value rounded to nearest kilogram

CO₂ Emissions Evaluation Metric Value* (kg/km):0.751Value 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	0.852	88.1%
Part II, Chapter 2, 2.4.2 a)-c)	CAEP/10 New Type	0.815	92.1%

REMARKS

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