TCDSN No.: EASA.IM.A.080 BD-100-1A10 Page 1 of 6 Date: 14 February 2025

Issue: 6



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.080

for

BD-100-1A10

Type Certificate Holder: Bombardier Inc. 400 Cote Vertu Road West Dorval QC H4S 1Y9 Canada

For models: BD-100-1A10



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TCDSN No.: EASA.IM.A.080

Type Certificate Holder¹

Issue: 6

1550€. 0

Aircraft Type Designation¹ **BD-100-1A10**

(Commercial Designation

Challenger 300)

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Date: 14 February 2025

Engine TC Holder Honeywell International Inc.

Engine Type Designation¹

AS907-1-1A

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Bombardier Inc.

None

Noise Certification Basis

ICAO Annex 16, Volume I

Edition / Amendment

Edition 3 / Amendment 7

Chapter¹

4

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A3877	17,622	15,309	87.6	94.0	75.5	89.0	89.6	98.0	-	
A3888	17,463	15,309	87.6	94.0	75.3	89.0	89.6	98.0	-	

¹ See Note 1.



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Type Certificate Holder¹ Bombardier Inc. Aircraft Type Designation¹ BD-100-1A10

(Commercial Designation Challenger 350)

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Date: 14 February 2025

Engine TC Holder Honeywell International Inc. Engine Type Designation AS907-2-1A

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels1

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 4

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A18940	18,416	15,490	89.1	94.0	76.0	89.0	89.5	98.0	1

¹ See Note 1.



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CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

Note: This table is for information purposes only. It links the applicable noise requirements in Volume I of ICAO Annex 16 to the corresponding Appendices to that Volume, which were listed as acceptable means of compliance in CS-36. With the adoption of Regulation (EU) 2018/1139 (i.e. from Amendment 12 to Volume I of ICAO Annex 16) these Appendices became part of the applicable noise requirements. Their reference was removed in Amendment 6 to CS-36 and this table will not be updated further.

TCDSN EASA.IM.A.080 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.



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Change Record

Issue	Date	Changes
Issue 1	08 January 2007	Initial Issue
Issue 2	15 January 2008	Revised
Issue 3	08 October 2008	Revised
Issue 4	02 September 2014	introduction of Challenger 350 with new engines
Issue 5	14 June 2018	Record number A18948 corrected to A18940
Issue 6	14 February 2025 TC-Holder address updated	

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