



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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Type Certificate Holder¹ **Bombardier Inc.** Aircraft Type Designation¹ **BD-100-1A10**
 (Commercial Designation **Challenger 300)**

Engine TC Holder **Honeywell International Inc.** Engine Type Designation¹ **AS907-1-1A**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
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.



Type Certificate Holder¹ **Bombardier Inc.** Aircraft Type Designation¹ **BD-100-1A10**
 (Commercial Designation **Challenger 350)**

Engine TC Holder **Honeywell International Inc.** Engine Type Designation¹ **AS907-2-1A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

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

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

¹ See Note 1.



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.

TCDN 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.



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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