



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.080

for

Challenger 300

Challenger 350

Type Certificate Holder:

Bombardier Inc.

800 Boul. René-Lévesque Ouest

Montreal, QC, Canada

H3B 1Y8

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 Manufacturer¹ **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 ¹ (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 Manufacturer¹ **Honeywell International Inc.** Engine Type Designation¹ **AS907-2-1A**

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 6 / Amendment 10** Chapter¹ **4**

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



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.

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

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