

# 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 Holder	<sup>1</sup> Bomba	rdier Inc.				<b>Sircraft Type Desi</b> Commercial Desi	•	<b>BD-100-1A10</b> Challenger 300)	
Engine TC Holder	Honeyv	vell International	Inc.		E	ngine Type Desig	gnation <sup>1</sup>	AS907-1-1A	
Additional modification certificated noise levels		eet the requireme	ents or needed to	o attain the	None				
Noise Certification Basi	s ICAO Ai	nnex 16, Volume	I Edition / An	nendment	Edition 3 / Am	endment 7	Chapter <sup>1</sup>	4	
EASA	Maximu	ım Mass	Latera	I EPNL	Flyove	r EPNL	Approa	ach EPNL	See
LASA		م بالم بيم ا							500

		intex 10, volume i	Lattion y A				chapter	-	
FACA	Maximu	um Mass	Latera	I EPNL	Flyove	r EPNL	Approa	ch EPNL	500
EASA Record No.	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	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	-

<sup>1</sup> See Note 1.



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Type Certificate Holder <sup>1</sup>	Bombardier Inc.		Aircraft Type Desi (Commercial Desi	-	BD-100-1A10 Challenger 350)	
Engine TC Holder	Honeywell International	Inc.	Engine Type Desi	gnation <sup>1</sup>	AS907-2-1A	
Additional modifications certificated noise levels <sup>1</sup>	essential to meet the requireme	ents or needed to attain the	None			
Noise Certification Basis	ICAO Annex 16, Volume	Edition / Amendment	Edition 6 / Amendment 10	Chapter	<sup>.1</sup> 4	
	Maximum Mass	Lateral FPNI	Elvover EPNI	Ann	proach FPNI	

	Maximu	im Mass	Latera	ral EPNL Flyover EPNL		Approach EPNL		See	
EASA Record No.	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Note
A18940	18,416	15,490	89.1	94.0	76.0	89.0	89.5	98.0	-

<sup>1</sup> 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

<u>Note</u>: 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.



## 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	e 5 14 June 2018 Record number A18948 corrected to A18940	
Issue 6 14 February 2025 TC-Holder address updated		TC-Holder address updated

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