



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.110

for

A380

Type Certificate Holder:

Airbus S.A.S.

2 Rond-point Emile Dewoitine

31700 Blagnac

France

For models: A380-841
A380-842
A380-861



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Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A380-841**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **Trent 970-84**

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 7 / Amendment 11-B** Chapter¹ **14**

EASA Record No.	Variant	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	
A70649	011	575,000	395,000	94.2	103.0	96.0	106.0	98.1	105.0	2
A69008	008	575,000	394,000	94.2	103.0	96.0	106.0	98.0	105.0	2
A69009	006	573,000	393,000	94.2	103.0	95.9	106.0	98.0	105.0	2
A72922	014	572,000	391,000	94.2	103.0	95.9	106.0	98.0	105.0	2
A70648	012	569,000	395,000	94.2	103.0	95.6	106.0	98.1	105.0	2
A6611	002	569,000	391,000	94.2	103.0	95.6	106.0	98.0	105.0	2
A14236	004	560,000	391,000	94.3	103.0	95.0	106.0	98.0	105.0	2
A6612	000	560,000	386,000	94.3	103.0	95.0	106.0	97.9	105.0	2
A14237	005	560,000	386,000	94.3	103.0	95.0	106.0	97.9	105.0	2
A6614	003	510,000	395,000	94.6	103.0	91.9	106.0	98.1	105.0	2

¹ See Note 1.

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Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A380-841**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **Trent 970-84**

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 7 / Amendment 11-B** Chapter¹ **14**

EASA Record No.	Variant	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	
A6615	001	510,000	394,000	94.6	103.0	91.9	106.0	98.0	105.0	2
A69987	009	510,000	386,000	94.6	103.0	91.9	106.0	97.9	105.0	2
A73954	013	492,000	386,000	94.7	103.0	90.8	106.0	97.9	105.0	2
A15548	007	490,000	395,000	94.7	103.0	90.7	106.0	98.1	105.0	2
A69988	010	480,000	386,000	94.8	103.0	90.1	106.0	97.9	105.0	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A380-842**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **Trent 972-84**

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 7 / Amendment 11-B** Chapter¹ **14**

EASA Record No.	Variant	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	
A70651	011	575,000	395,000	94.5	103.0	95.5	106.0	98.1	105.0	2
A69010	008	575,000	394,000	94.5	103.0	95.5	106.0	98.0	105.0	2
A69012	006	573,000	393,000	94.5	103.0	95.4	106.0	98.0	105.0	2
A72925	014	572,000	391,000	94.5	103.0	95.3	106.0	98.0	105.0	2
A70650	012	569,000	395,000	94.5	103.0	95.1	106.0	98.1	105.0	2
A6616	002	569,000	391,000	94.5	103.0	95.1	106.0	98.0	105.0	2
A14240	004	560,000	391,000	94.6	103.0	94.5	106.0	98.0	105.0	2
A6617	000	560,000	386,000	94.6	103.0	94.5	106.0	97.9	105.0	2
A14241	005	560,000	386,000	94.6	103.0	94.5	106.0	97.9	105.0	2
A6619	003	510,000	395,000	94.9	103.0	91.5	106.0	98.1	105.0	2

¹ See Note 1.

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Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **Trent 972-84**

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 7 / Amendment 11-B** Chapter¹ **14**

EASA Record No.	Variant	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	
A6620	001	510,000	394,000	94.9	103.0	91.5	106.0	98.0	105.0	2
A69989	009	510,000	386,000	94.9	103.0	91.5	106.0	97.9	105.0	2
A73998	013	492,000	386,000	95.0	103.0	90.4	106.0	97.9	105.0	2
A15553	007	490,000	395,000	95.0	103.0	90.3	106.0	98.1	105.0	2
A69990	010	480,000	386,000	95.1	103.0	89.8	106.0	97.9	105.0	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A380-842**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **Trent 972E-84**

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 7 / Amendment 11-B** Chapter¹ **14**

EASA Record No.	Variant	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	
A71739	011	575,000	395,000	94.5	103.0	95.5	106.0	98.1	105.0	2
A71740	008	575,000	394,000	94.5	103.0	95.5	106.0	98.0	105.0	2
A71741	006	573,000	393,000	94.5	103.0	95.4	106.0	98.0	105.0	2
A72928	014	572,000	391,000	94.5	103.0	95.3	106.0	98.0	105.0	2
A71742	012	569,000	395,000	94.5	103.0	95.1	106.0	98.1	105.0	2
A71743	002	569,000	391,000	94.5	103.0	95.1	106.0	98.0	105.0	2
A71744	004	560,000	391,000	94.6	103.0	94.5	106.0	98.0	105.0	2
A71745	000	560,000	386,000	94.6	103.0	94.5	106.0	97.9	105.0	2
A71746	005	560,000	386,000	94.6	103.0	94.5	106.0	97.9	105.0	2
A71748	003	510,000	395,000	94.9	103.0	91.5	106.0	98.1	105.0	2

¹ See Note 1.

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Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **Trent 972E-84**

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 7 / Amendment 11-B** Chapter¹ **14**

EASA Record No.	Variant	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	
A71749	001	510,000	394,000	94.9	103.0	91.5	106.0	98.0	105.0	2
A71750	009	510,000	386,000	94.9	103.0	91.5	106.0	97.9	105.0	2
A73999	013	492,000	386,000	95.0	103.0	90.4	106.0	97.9	105.0	2
A71751	007	490,000	395,000	95.0	103.0	90.3	106.0	98.1	105.0	2
A71752	010	480,000	386,000	95.1	103.0	89.8	106.0	97.9	105.0	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A380-861**

Engine Manufacturer¹ **Engine Alliance** Engine Type Designation¹ **GP7270**

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 7 / Amendment 11-B** Chapter¹ **14**

EASA Record No.	Variant	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	
A70653	011	575,000	395,000	94.4	103.0	95.9	106.0	97.3	105.0	3
A69006	008	575,000	394,000	94.4	103.0	95.9	106.0	97.3	105.0	3
A69007	006	573,000	393,000	94.4	103.0	95.7	106.0	97.3	105.0	3
A72931	014	572,000	391,000	94.4	103.0	95.7	106.0	97.2	105.0	3
A70652	012	569,000	395,000	94.4	103.0	95.4	106.0	97.3	105.0	3
A6642	002	569,000	391,000	94.4	103.0	95.4	106.0	97.2	105.0	3
A14246	004	560,000	391,000	94.5	103.0	94.8	106.0	97.2	105.0	3
A6643	000	560,000	386,000	94.5	103.0	94.8	106.0	97.1	105.0	3
A14247	005	560,000	386,000	94.5	103.0	94.8	106.0	97.1	105.0	3
A6645	003	510,000	395,000	94.8	103.0	91.6	106.0	97.3	105.0	3

¹ See Note 1.

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Engine Manufacturer¹ **Engine Alliance** Engine Type Designation¹ **GP7270**

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 7 / Amendment 11-B** Chapter¹ **14**

EASA Record No.	Variant	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	
A6646	001	510,000	394,000	94.8	103.0	91.6	106.0	97.3	105.0	3
A69985	009	510,000	386,000	94.8	103.0	91.6	106.0	97.1	105.0	3
A74000	013	492,000	386,000	94.9	103.0	90.5	106.0	97.1	105.0	3
A15559	007	490,000	395,000	94.9	103.0	90.4	106.0	97.3	105.0	3
A69986	010	480,000	386,000	95.0	103.0	89.8	106.0	97.1	105.0	3

¹ See Note 1.



TCDSN EASA.A.110 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. Valid for engines with 65283 (EEC software upgrade), with or without 69666 (ELE (elliptical leading edge) fan blades) or 71223 (increased design weight capability)
3. Valid for engines with or without redesigned fan blades (mod 71649) and with or without increased thrust rating in hot conditions (mod 62947).

Change Record

Issue	Date	Changes
Issue 1	12 December 2006	Initial Issue
Issue 2	23 October 2007	Page 4: Add record A6614 Page 4: Add record A6615 Page 4: Add record A6613 Page 4: Add record A6612 Page 4: Add record A6611 Page 6: Add record A6619 Page 6: Add record A6620 Page 6: Add record A6618 Page 6: Add record A6617 Page 6: Add record A6616
Issue 3	14 December 2007	Page 3: Delete record A6614 Page 3: Delete record A6613 Page 3: Delete record A5198 Page 3: Delete record A5199 Page 3: Delete record A5200 Page 3: Delete record A5201 Page 4: Delete record A6619 Page 4: Delete record A6618 Page 4: Delete record A5202 Page 4: Delete record A5203 Page 4: Delete record A5204 Page 4: Delete record A5205 Page 5: Add record A6646 Page 5: Add record A6643 Page 5: Add record A6642 Page 6: Add record A6651 Page 6: Add record A6648 Page 6: Add record A6647
Issue 4	20 October 2009	Page 4: Add record A10955 Page 4: Add record A10956 Page 4: Add record A10958 Page 6: Add record A10959 Page 6: Add record A10960 Page 6: Add record A10962
Issue 5	05 May 2010	Weight variants 003, 004 and 005 added.
Issue 6	09 June 2011	Weight variant 007 added, note added referring to mod. 71649 for GP7270 and GP7270E engines.
Issue 7	25 April 2013	Revised
Issue 8	08 October 2013	Removed records related to GP7270E (Aircraft modified by mod 62947 are now covered under the corresponding records related to GP7270).
Issue 9	27 August 2014	Weight variants 009 and 010 added.
Issue 10	13 July 2017	Weight variants 011 and 012 added. Records for A380-842 fitted with Trent 972E added. Noise Levels of records A70651, A69010 and A69012 revised.
Issue 11	13 September 2017	TC holder address revised.
Issue 12	15 June 2018	Added WV014 and record A72931
Issue 13	30 October 2018	Re-Certification of all types and configurations to Chapter 14
Issue 14	06 November 2018	Weight variant 013 added
Issue 15	15 November 2018	Record number A72931 revised to reflect WV014
Issue 16	07 September 2020	Revised

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