

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

A380

Type Certificate Holder:

Airbus

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31707 BLAGNAC
FRANCE

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

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Type Certificate Holder* **Airbus** Aircraft Type Designation* **A380-841**

Engine Manufacturer* **Rolls-Royce** Engine Type Designation* **Trent 970**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **65283 (EEC software upgrade)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter* **4**

EASA Record No.	Variant	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
		Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A6611	002	569.000	391.000	94,2	103,0	95,6	106,0	98,0	105,0
A14236	004	560.000	391.000	94,3	103,0	95,0	106,0	98,0	105,0
A6612	000	560.000	386.000	94,3	103,0	95,0	106,0	97,9	105,0
A14237	005	560.000	386.000	94,3	103,0	95,0	106,0	97,9	105,0
A6614	003	510.000	395.000	94,6	103,0	91,9	106,0	98,1	105,0
A6615	001	510.000	394.000	94,6	103,0	91,9	106,0	98,1	105,0
A15548	007	490.000	395.000	94,7	103,0	90,7	106,0	98,1	105,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Airbus**

Aircraft Type Designation* **A380-841**

Engine Manufacturer* **Rolls-Royce**

Engine Type Designation* **Trent 970**

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

65283, 69666 (EEC software upgrade, ELE (elliptical leading edge) fan blades)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter* **4**

EASA Record No.	Variant	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
		Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A10955	002	569.000	391.000	94,2	103,0	95,6	106,0	98,0	105,0
A14238	004	560.000	391.000	94,3	103,0	95,0	106,0	98,0	105,0
A10956	000	560.000	386.000	94,3	103,0	95,0	106,0	97,9	105,0
A14239	005	560.000	386.000	94,3	103,0	95,0	106,0	97,9	105,0
A10957	003	510.000	395.000	94,6	103,0	91,9	106,0	98,1	105,0
A10958	001	510.000	394.000	94,6	103,0	91,9	106,0	98,1	105,0
A15551	007	490.000	395.000	94,7	103,0	90,7	106,0	98,1	105,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Airbus** Aircraft Type Designation* **A380-842**

Engine Manufacturer* **Rolls-Royce** Engine Type Designation* **Trent 972**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **65283 (EEC software upgrade)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter* **4**

EASA Record No.	Variant	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
		Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A6616	002	569.000	391.000	94,6	103,0	95,1	106,0	98,0	105,0
A14240	004	560.000	391.000	94,6	103,0	94,5	106,0	98,0	105,0
A6617	000	560.000	386.000	94,6	103,0	94,5	106,0	97,9	105,0
A14241	005	560.000	386.000	94,6	103,0	94,5	106,0	97,9	105,0
A6619	003	510.000	395.000	94,9	103,0	91,5	106,0	98,1	105,0
A6620	001	510.000	394.000	94,9	103,0	91,5	106,0	98,1	105,0
A15553	007	490.000	395.000	95,1	103,0	90,3	106,0	98,1	105,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Airbus**

Aircraft Type Designation* **A380-842**

Engine Manufacturer* **Rolls-Royce**

Engine Type Designation* **Trent 972**

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

65283, 69666 (EEC software upgrade, ELE (elliptical leading edge) fan blades)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter* **4**

EASA Record No.	Variant	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
		Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A10959	002	569.000	391.000	94,6	103,0	95,1	106,0	98,0	105,0
A14242	004	560.000	391.000	94,6	103,0	94,5	106,0	98,0	105,0
A10960	000	560.000	386.000	94,6	103,0	94,5	106,0	97,9	105,0
A14243	005	560.000	386.000	94,6	103,0	94,5	106,0	97,9	105,0
A10961	003	510.000	395.000	94,9	103,0	91,5	106,0	98,1	105,0
A10962	001	510.000	394.000	94,9	103,0	91,5	106,0	98,1	105,0
A15555	007	490.000	395.000	95,1	103,0	90,3	106,0	98,1	105,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Airbus** Aircraft Type Designation* **A380-861**

Engine Manufacturer* **Engine Alliance** Engine Type Designation* **GP7270**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter* **4**

EASA Record No.	Variant	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
		Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A6642 ⁽¹⁾	002	569.000	391.000	94,4	103,0	95,4	106,0	97,2	105,0
A14246 ⁽¹⁾	004	560.000	391.000	94,5	103,0	94,8	106,0	97,2	105,0
A6643 ⁽¹⁾	000	560.000	386.000	94,5	103,0	94,8	106,0	97,1	105,0
A14247 ⁽¹⁾	005	560.000	386.000	94,5	103,0	94,8	106,0	97,1	105,0
A6645 ⁽¹⁾	003	510.000	395.000	94,8	103,0	91,6	106,0	97,4	105,0
A6646 ⁽¹⁾	001	510.000	394.000	94,8	103,0	91,6	106,0	97,3	105,0
A15559	007	490.000	395.000	94,9	103,0	90,4	106,0	97,4	105,0

(1) Valid for engines with or without redesigned fan blades (mod. 71649)

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Airbus** Aircraft Type Designation* **A380-861**

Engine Manufacturer* **Engine Alliance** Engine Type Designation* **GP7270E**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **62947 (Increased thrust rating in hot conditions)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter* **4**

EASA Record No.	Variant	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
		Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A6647 ⁽¹⁾	002	569.000	391.000	94,4	103,0	95,4	106,0	97,2	105,0
A14244 ⁽¹⁾	004	560.000	391.000	94,5	103,0	94,8	106,0	97,2	105,0
A6648 ⁽¹⁾	000	560.000	386.000	94,5	103,0	94,8	106,0	97,1	105,0
A14245 ⁽¹⁾	005	560.000	386.000	94,5	103,0	94,8	106,0	97,1	105,0
A6650 ⁽¹⁾	003	510.000	395.000	94,8	103,0	91,6	106,0	97,4	105,0
A6651 ⁽¹⁾	001	510.000	394.000	94,8	103,0	91,6	106,0	97,3	105,0
A15557 ⁽¹⁾	007	490.000	395.000	94,9	103,0	90,4	106,0	97,4	105,0

(1) Valid for engines with or without redesigned fan blades (mod. 71649)

* Items so marked shall be included on EASA Form 45.

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