



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.004

for

AIRBUS A330

Type Certificate Holder:

Airbus S.A.S.

2 Rond-point Emile Dewoitine

31700 Blagnac

France

For models:

A330-201	A330-223F	A330-301	A330-743L	A330-841	A330-941
A330-202	A330-243F	A330-302			
A330-203		A330-303			
A330-223		A330-321			
A330-243		A330-322			
		A330-323			
		A330-341			
		A330-342			
		A330-343			



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Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-201**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **200946 (Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))**

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

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	
A18033	058	238,000	182,000	96.8	101.1	93.8	98.2	99.5	104.4	-
A18034	062	238,000	182,000	96.8	101.1	93.8	98.2	99.5	104.4	-
A18035	057	236,000	182,000	96.9	101.1	93.4	98.2	99.5	104.4	-
A18036	052	233,000	182,000	97.0	101.0	92.8	98.1	99.5	104.4	-
A18037	023	233,000	180,000	97.0	101.0	92.8	98.1	99.5	104.4	-
A18038	056	233,000	180,000	97.0	101.0	92.8	98.1	99.5	104.4	-
A18039	054	230,000	182,000	97.2	101.0	92.4	98.0	99.5	104.3	-
A18040	061	230,000	182,000	97.2	101.0	92.4	98.0	99.5	104.3	-
A18041	020	230,000	180,000	97.2	101.0	92.4	98.0	99.5	104.3	-
A18042	050	230,000	180,000	97.2	101.0	92.4	98.0	99.5	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-201**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

200946 (Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))

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

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	
A18043	060	220,000	182,000	97.4	100.8	91.0	97.8	99.5	104.2	-
A18044	059	202,000	182,000	97.6	100.5	88.5	97.3	99.5	103.9	-
A18045	024	202,000	180,000	97.6	100.5	88.5	97.3	99.5	103.9	-
A18046	055	192,000	182,000	97.8	100.3	87.1	97.0	99.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-201**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **202477 (Installation of acoustically treated thrust reverser bifurcations)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69371	058	238,000	182,000	97.0	101.1	94.4	98.2	99.0	104.4	2
A69372	062	238,000	182,000	97.0	101.1	94.4	98.2	99.0	104.4	2
A69373	057	236,000	182,000	97.1	101.1	93.9	98.2	99.0	104.4	2
A69374	052	233,000	182,000	97.2	101.0	93.4	98.1	99.0	104.4	2
A69375	023	233,000	180,000	97.2	101.0	93.4	98.1	98.9	104.4	2
A69376	056	233,000	180,000	97.2	101.0	93.4	98.1	98.9	104.4	2
A69377	054	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	2
A69378	061	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	2
A69379	020	230,000	180,000	97.4	101.0	92.9	98.0	98.9	104.3	2
A69380	050	230,000	180,000	97.4	101.0	92.9	98.0	98.9	104.3	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-201**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202477 (Installation of acoustically treated thrust reverser bifurcations)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69382	060	220,000	182,000	97.6	100.8	91.6	97.8	99.0	104.2	2
A69383	059	202,000	182,000	97.9	100.5	89.3	97.3	99.0	103.9	2
A69384	024	202,000	180,000	97.9	100.5	89.3	97.3	98.9	103.9	2
A69385	055	192,000	182,000	98.1	100.3	88.0	97.0	99.0	103.7	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-201**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69032	058	238,000	182,000	97.0	101.1	94.4	98.2	99.5	104.4	3
A69033	062	238,000	182,000	97.0	101.1	94.4	98.2	99.5	104.4	3
A69034	057	236,000	182,000	97.1	101.1	93.9	98.2	99.5	104.4	3
A69035	052	233,000	182,000	97.2	101.0	93.4	98.1	99.5	104.4	3
A69036	023	233,000	180,000	97.2	101.0	93.4	98.1	99.5	104.4	3
A69037	056	233,000	180,000	97.2	101.0	93.4	98.1	99.5	104.4	3
A69038	054	230,000	182,000	97.4	101.0	92.9	98.0	99.5	104.3	3
A69039	061	230,000	182,000	97.4	101.0	92.9	98.0	99.5	104.3	3
A69040	020	230,000	180,000	97.4	101.0	92.9	98.0	99.5	104.3	3
A69041	050	230,000	180,000	97.4	101.0	92.9	98.0	99.5	104.3	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-201**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69043	060	220,000	182,000	97.6	100.8	91.6	97.8	99.5	104.2	3
A69044	059	202,000	182,000	97.9	100.5	89.3	97.3	99.5	103.9	3
A69045	024	202,000	180,000	97.9	100.5	89.3	97.3	99.5	103.9	3
A69046	055	192,000	182,000	98.1	100.3	88.0	97.0	99.5	103.7	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-201**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202954 (Engine intermix, both engines with treated forward fancase, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69386	058	238,000	182,000	97.0	101.1	94.4	98.2	99.0	104.4	2
A69687	062	238,000	182,000	97.0	101.1	94.4	98.2	99.0	104.4	2
A69688	057	236,000	182,000	97.1	101.1	93.9	98.2	99.0	104.4	2
A69689	052	233,000	182,000	97.2	101.0	93.4	98.1	99.0	104.4	2
A69690	023	233,000	180,000	97.2	101.0	93.4	98.1	98.9	104.4	2
A69691	056	233,000	180,000	97.2	101.0	93.4	98.1	98.9	104.4	2
A69692	054	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	2
A69693	061	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	2
A69694	020	230,000	180,000	97.4	101.0	92.9	98.0	98.9	104.3	2
A69695	050	230,000	180,000	97.4	101.0	92.9	98.0	98.9	104.3	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-201**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202954 (Engine intermix, both engines with treated forward fancase, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69697	060	220,000	182,000	97.6	100.8	91.6	97.8	99.0	104.2	2
A69698	059	202,000	182,000	97.9	100.5	89.3	97.3	99.0	103.9	2
A69699	024	202,000	180,000	97.9	100.5	89.3	97.3	98.9	103.9	2
A69700	055	192,000	182,000	98.1	100.3	88.0	97.0	99.0	103.7	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-201**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69017	058	238,000	182,000	97.0	101.1	94.4	98.2	99.5	104.4	-
A69018	062	238,000	182,000	97.0	101.1	94.4	98.2	99.5	104.4	-
A69019	057	236,000	182,000	97.1	101.1	93.9	98.2	99.5	104.4	-
A69020	052	233,000	182,000	97.2	101.0	93.4	98.1	99.5	104.4	-
A69021	023	233,000	180,000	97.2	101.0	93.4	98.1	99.5	104.4	-
A69022	056	233,000	180,000	97.2	101.0	93.4	98.1	99.5	104.4	-
A69023	054	230,000	182,000	97.4	101.0	92.9	98.0	99.5	104.3	-
A69024	061	230,000	182,000	97.4	101.0	92.9	98.0	99.5	104.3	-
A69025	020	230,000	180,000	97.4	101.0	92.9	98.0	99.5	104.3	-
A69026	050	230,000	180,000	97.4	101.0	92.9	98.0	99.5	104.3	-

¹ See Note 1.



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Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-201**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69027	060	220,000	182,000	97.6	100.8	91.6	97.8	99.5	104.2	-
A69028	059	202,000	182,000	97.9	100.5	89.3	97.3	99.5	103.9	-
A69029	024	202,000	180,000	97.9	100.5	89.3	97.3	99.5	103.9	-
A69030	055	192,000	182,000	98.1	100.3	88.0	97.0	99.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-201**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

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 5 / Amendment 9** Chapter¹ **4**

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	
A15151	058	238,000	182,000	97.0	101.1	94.4	98.2	99.0	104.4	-
A16713	062	238,000	182,000	97.0	101.1	94.4	98.2	99.0	104.4	-
A15152	057	236,000	182,000	97.1	101.1	93.9	98.2	99.0	104.4	-
A2812	052	233,000	182,000	97.2	101.0	93.4	98.1	99.0	104.4	-
A2813	023	233,000	180,000	97.2	101.0	93.4	98.1	98.9	104.4	-
A7905	056	233,000	180,000	97.2	101.0	93.4	98.1	98.9	104.4	-
A15153	054	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	-
A15154	061	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	-
A2815	020	230,000	180,000	97.4	101.0	92.9	98.0	98.9	104.3	-
A2816	050	230,000	180,000	97.4	101.0	92.9	98.0	98.9	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-201**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

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 5 / Amendment 9** Chapter¹ **4**

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	
A7907	060	220,000	182,000	97.6	100.8	91.6	97.8	99.0	104.2	-
A7906	059	202,000	182,000	97.9	100.5	89.3	97.3	99.0	103.9	-
A2817	024	202,000	180,000	97.9	100.5	89.3	97.3	98.9	103.9	-
A7904	055	192,000	182,000	98.1	100.3	88.0	97.0	99.0	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2, CF6-80E1A4/2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **46549, 200946 (Engine intermix, Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))**

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

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	
A18048	058	238,000	182,000	96.8	101.1	93.8	98.2	99.5	104.4	4
A18049	062	238,000	182,000	96.8	101.1	93.8	98.2	99.5	104.4	4
A18050	057	236,000	182,000	96.9	101.1	93.4	98.2	99.5	104.4	4
A18051	022	233,000	182,000	97.0	101.0	92.8	98.1	99.5	104.4	4
A18052	052	233,000	182,000	97.0	101.0	92.8	98.1	99.5	104.4	4
A18053	023	233,000	180,000	97.0	101.0	92.8	98.1	99.5	104.4	4
A18054	056	233,000	180,000	97.0	101.0	92.8	98.1	99.5	104.4	4
A18055	054	230,000	182,000	97.2	101.0	92.4	98.0	99.5	104.3	4
A18056	061	230,000	182,000	97.2	101.0	92.4	98.0	99.5	104.3	4
A18057	021	230,000	182,000	97.2	101.0	92.4	98.0	99.5	104.3	4

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2, CF6-80E1A4/2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **46549, 200946 (Engine intermix, Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))**

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

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	
A18058	020	230,000	180,000	97.2	101.0	92.4	98.0	99.5	104.3	4
A18059	050	230,000	180,000	97.2	101.0	92.4	98.0	99.5	104.3	4
A18060	060	220,000	182,000	97.4	100.8	91.0	97.8	99.5	104.2	4
A18061	053	210,000	180,000	97.5	100.6	89.6	97.5	99.5	104.0	4
A18062	059	202,000	182,000	97.6	100.5	88.5	97.3	99.5	103.9	4
A18063	055	192,000	182,000	97.8	100.3	87.1	97.0	99.5	103.7	4

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2, CF6-80E1A4/A2**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **46549 (Engine intermix)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A15155	058	238,000	182,000	97.0	101.1	94.4	98.2	99.0	104.4	4
A16714	062	238,000	182,000	97.0	101.1	94.4	98.2	99.0	104.4	4
A15156	057	236,000	182,000	97.1	101.1	93.9	98.2	99.0	104.4	4
A2823	022	233,000	182,000	97.2	101.0	93.4	98.1	99.0	104.4	4
A2824	052	233,000	182,000	97.2	101.0	93.4	98.1	99.0	104.4	4
A7930	023	233,000	180,000	97.2	101.0	93.4	98.1	98.9	104.4	4
A7933	056	233,000	180,000	97.2	101.0	93.4	98.1	98.9	104.4	4
A15157	054	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	4
A15158	061	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	4
A2825	021	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	4

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2, CF6-80E1A4/A2**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **46549 (Engine intermix)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A2826	020	230,000	180,000	97.4	101.0	92.9	98.0	98.9	104.3	4
A2827	050	230,000	180,000	97.4	101.0	92.9	98.0	98.9	104.3	4
A7935	060	220,000	182,000	97.6	100.8	91.6	97.8	99.0	104.2	4
A7931	053	210,000	180,000	97.8	100.6	90.3	97.5	98.9	104.0	4
A7934	059	202,000	182,000	97.9	100.5	89.3	97.3	99.0	103.9	4
A7932	055	192,000	182,000	98.1	100.3	88.0	97.0	99.0	103.7	4

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

200946 (Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))

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

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	
A70151	081	242,000	182,000	98.1	101.2	93.1	98.3	99.5	104.5	-
A70152	082	242,000	182,000	98.1	101.2	93.1	98.3	99.5	104.5	-
A70153	083	240,000	182,000	98.2	101.1	92.9	98.3	99.5	104.5	-
A18110	058	238,000	182,000	98.2	101.1	92.6	98.2	99.5	104.4	-
A18111	062	238,000	182,000	98.2	101.1	92.6	98.2	99.5	104.4	-
A70150	080	238,000	182,000	98.2	101.1	92.6	98.2	99.5	104.4	-
A18112	057	236,000	182,000	98.3	101.1	92.3	98.2	99.5	104.4	-
A18113	022	233,000	182,000	98.3	101.0	91.8	98.1	99.5	104.4	-
A18114	052	233,000	182,000	98.3	101.0	91.8	98.1	99.5	104.4	-
A18115	023	233,000	180,000	98.3	101.0	91.8	98.1	99.5	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

200946 (Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))

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

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	
A18116	056	233,000	180,000	98.3	101.0	91.8	98.1	99.5	104.4	-
A18117	021	230,000	182,000	98.3	101.0	91.5	98.0	99.5	104.3	-
A18118	054	230,000	182,000	98.3	101.0	91.5	98.0	99.5	104.3	-
A18119	061	230,000	182,000	98.3	101.0	91.5	98.0	99.5	104.3	-
A18120	020	230,000	180,000	98.3	101.0	91.5	98.0	99.5	104.3	-
A18121	050	230,000	180,000	98.3	101.0	91.5	98.0	99.5	104.3	-
A18123	060	220,000	182,000	98.5	100.8	90.2	97.8	99.5	104.2	-
A18124	053	210,000	180,000	98.6	100.6	88.9	97.5	99.5	104.0	-
A18125	059	202,000	182,000	98.7	100.5	87.8	97.3	99.5	103.9	-
A18126	055	192,000	182,000	98.9	100.3	86.6	97.0	99.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **202477 (Installation of acoustically treated thrust reverser bifurcations)**

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

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	
A70216	081	242,000	182,000	98.8	101.2	93.6	98.3	99.0	104.5	2
A69081		240,000	187,000	98.9	101.1	93.3	98.3	99.1	104.5	2
A70217	083	240,000	182,000	98.9	101.1	93.3	98.3	99.0	104.5	2
A69082	058	238,000	182,000	99.0	101.1	93.1	98.2	99.0	104.4	2
A69083	062	238,000	182,000	99.0	101.1	93.1	98.2	99.0	104.4	2
A70218	080	238,000	182,000	99.0	101.1	93.1	98.2	99.0	104.4	2
A69084	057	236,000	182,000	99.0	101.1	92.9	98.2	99.0	104.4	2
A69085	022	233,000	182,000	99.0	101.0	92.5	98.1	99.0	104.4	2
A69086	052	233,000	182,000	99.0	101.0	92.5	98.1	99.0	104.4	2
A69087	023	233,000	180,000	99.0	101.0	92.5	98.1	98.9	104.4	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202477 (Installation of acoustically treated thrust reverser bifurcations)**

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

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	
A69088	056	233,000	180,000	99.0	101.0	92.5	98.1	98.9	104.4	2
A69089	021	230,000	182,000	99.1	101.0	92.1	98.0	99.0	104.3	2
A69090	054	230,000	182,000	99.1	101.0	92.1	98.0	99.0	104.3	2
A69091	061	230,000	182,000	99.1	101.0	92.1	98.0	99.0	104.3	2
A69092	020	230,000	180,000	99.1	101.0	92.1	98.0	98.9	104.3	2
A69093	050	230,000	180,000	99.1	101.0	92.1	98.0	98.9	104.3	2
A69095	060	220,000	182,000	99.2	100.8	90.8	97.8	99.0	104.2	2
A69096	053	210,000	180,000	99.4	100.6	89.5	97.5	98.9	104.0	2
A69097	059	202,000	182,000	99.5	100.5	88.6	97.3	99.0	103.9	2
A69098	055	192,000	182,000	99.7	100.3	87.4	97.0	99.0	103.7	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69114	058	238,000	182,000	99.0	101.1	93.1	98.2	99.5	104.4	3
A69115	062	238,000	182,000	99.0	101.1	93.1	98.2	99.5	104.4	3
A69116	057	236,000	182,000	99.0	101.1	92.9	98.2	99.5	104.4	3
A69117	022	233,000	182,000	99.0	101.0	92.5	98.1	99.5	104.4	3
A69118	052	233,000	182,000	99.0	101.0	92.5	98.1	99.5	104.4	3
A69119	023	233,000	180,000	99.0	101.0	92.5	98.1	99.5	104.4	3
A69120	056	233,000	180,000	99.0	101.0	92.5	98.1	99.5	104.4	3
A69121	021	230,000	182,000	99.1	101.0	92.1	98.0	99.5	104.3	3
A69122	054	230,000	182,000	99.1	101.0	92.1	98.0	99.5	104.3	3
A69123	061	230,000	182,000	99.1	101.0	92.1	98.0	99.5	104.3	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69124	020	230,000	180,000	99.1	101.0	92.1	98.0	99.5	104.3	3
A69125	050	230,000	180,000	99.1	101.0	92.1	98.0	99.5	104.3	3
A69127	060	220,000	182,000	99.2	100.8	90.8	97.8	99.5	104.2	3
A69128	053	210,000	180,000	99.4	100.6	89.5	97.5	99.5	104.0	3
A69129	059	202,000	182,000	99.5	100.5	88.6	97.3	99.5	103.9	3
A69130	055	192,000	182,000	99.7	100.3	87.4	97.0	99.5	103.7	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

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

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	
A70195	082	242,000	182,000	98.8	101.2	93.6	98.3	99.5	104.5	3
A70196	081	242,000	182,000	98.8	101.2	93.6	98.3	99.5	104.5	3
A70197	083	240,000	182,000	98.9	101.1	93.3	98.3	99.5	104.5	3
A70198	080	238,000	182,000	99.0	101.1	93.1	98.2	99.5	104.4	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202954 (Engine intermix, both engines with treated forward fancase, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A70219	082	242,000	182,000	98.8	101.2	93.6	98.3	99.0	104.5	-
A70220	081	242,000	182,000	98.8	101.2	93.6	98.3	99.0	104.5	-
A70221	083	240,000	182,000	98.9	101.1	93.3	98.3	99.0	104.5	-
A69065	062	238,000	182,000	99.0	101.1	93.1	98.2	99.0	104.4	-
A69370	058	238,000	182,000	99.0	101.1	93.1	98.2	99.0	104.4	-
A70222	080	238,000	182,000	99.0	101.1	93.1	98.2	99.0	104.4	-
A69066	057	236,000	182,000	99.0	101.1	92.9	98.2	99.0	104.4	-
A69067	022	233,000	182,000	99.0	101.0	92.5	98.1	99.0	104.4	-
A69068	052	233,000	182,000	99.0	101.0	92.5	98.1	99.0	104.4	-
A69069	023	233,000	180,000	99.0	101.0	92.5	98.1	98.9	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202954 (Engine intermix, both engines with treated forward fancase, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A69070	056	233,000	180,000	99.0	101.0	92.5	98.1	98.9	104.4	-
A69071	021	230,000	182,000	99.1	101.0	92.1	98.0	99.0	104.3	-
A69072	054	230,000	182,000	99.1	101.0	92.1	98.0	99.0	104.3	-
A69073	061	230,000	182,000	99.1	101.0	92.1	98.0	99.0	104.3	-
A69074	020	230,000	180,000	99.1	101.0	92.1	98.0	98.9	104.3	-
A69075	050	230,000	180,000	99.1	101.0	92.1	98.0	98.9	104.3	-
A69077	060	220,000	182,000	99.2	100.8	90.8	97.8	99.0	104.2	-
A69078	053	210,000	180,000	99.4	100.6	89.5	97.5	98.9	104.0	-
A69079	059	202,000	182,000	99.5	100.5	88.6	97.3	99.0	103.9	-
A69080	055	192,000	182,000	99.7	100.3	87.4	97.0	99.0	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69132	058	238,000	182,000	99.0	101.1	93.1	98.2	99.5	104.4	-
A69133	062	238,000	182,000	99.0	101.1	93.1	98.2	99.5	104.4	-
A69134	057	236,000	182,000	99.0	101.1	92.9	98.2	99.5	104.4	-
A69135	022	233,000	182,000	99.0	101.0	92.5	98.1	99.5	104.4	-
A69136	052	233,000	182,000	99.0	101.0	92.5	98.1	99.5	104.4	-
A69137	023	233,000	180,000	99.0	101.0	92.5	98.1	99.5	104.4	-
A69138	056	233,000	180,000	99.0	101.0	92.5	98.1	99.5	104.4	-
A69139	021	230,000	182,000	99.1	101.0	92.1	98.0	99.5	104.3	-
A69140	054	230,000	182,000	99.1	101.0	92.1	98.0	99.5	104.3	-
A69141	061	230,000	182,000	99.1	101.0	92.1	98.0	99.5	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69142	020	230,000	180,000	99.1	101.0	92.1	98.0	99.5	104.3	-
A69143	050	230,000	180,000	99.1	101.0	92.1	98.0	99.5	104.3	-
A69145	060	220,000	182,000	99.2	100.8	90.8	97.8	99.5	104.2	-
A69146	053	210,000	180,000	99.4	100.6	89.5	97.5	99.5	104.0	-
A69147	059	202,000	182,000	99.5	100.5	88.6	97.3	99.5	103.9	-
A69148	055	192,000	182,000	99.7	100.3	87.4	97.0	99.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A70199	082	242,000	182,000	98.8	101.2	93.6	98.3	99.5	104.5	-
A70200	081	242,000	182,000	98.8	101.2	93.6	98.3	99.5	104.5	-
A70201	083	240,000	182,000	98.9	101.1	93.3	98.3	99.5	104.5	-
A70202	080	238,000	182,000	99.0	101.1	93.1	98.2	99.5	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

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.	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	
A70223	082	242,000	182,000	98.8	101.2	93.6	98.3	99.0	104.5	-
A70224	081	242,000	182,000	98.8	101.2	93.6	98.3	99.0	104.5	-
A70225	083	240,000	182,000	98.9	101.1	93.3	98.3	99.0	104.5	-
A16528	062	238,000	182,000	99.0	101.1	93.1	98.2	99.0	104.4	-
A70226	080	238,000	182,000	99.0	101.1	93.1	98.2	99.0	104.4	-
A7921	058	238,000	182,000	99.0	101.1	93.1	98.2	99.0	104.4	-
A7920	057	236,000	182,000	99.0	101.1	92.9	98.2	99.0	104.4	-
A2818	022	233,000	182,000	99.0	101.0	92.5	98.1	99.0	104.4	-
A2819	052	233,000	182,000	99.0	101.0	92.5	98.1	99.0	104.4	-
A7916	023	233,000	180,000	99.0	101.0	92.5	98.1	98.9	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

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.	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	
A7919	056	233,000	180,000	99.0	101.0	92.5	98.1	98.9	104.4	-
A15149	054	230,000	182,000	99.1	101.0	92.1	98.0	99.0	104.3	-
A15150	061	230,000	182,000	99.1	101.0	92.1	98.0	99.0	104.3	-
A2820	021	230,000	182,000	99.1	101.0	92.1	98.0	99.0	104.3	-
A2821	020	230,000	180,000	99.1	101.0	92.1	98.0	98.9	104.3	-
A2822	050	230,000	180,000	99.1	101.0	92.1	98.0	98.9	104.3	-
A7923	060	220,000	182,000	99.2	100.8	90.8	97.8	99.0	104.2	-
A7917	053	210,000	180,000	99.4	100.6	89.5	97.5	98.9	104.0	-
A7922	059	202,000	182,000	99.5	100.5	88.6	97.3	99.0	103.9	-
A7918	055	192,000	182,000	99.7	100.3	87.4	97.0	99.0	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **202477 (Installation of acoustically treated thrust reverser bifurcations)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69701	058	238,000	182,000	97.0	101.1	94.4	98.2	99.0	104.4	5
A69702	062	238,000	182,000	97.0	101.1	94.4	98.2	99.0	104.4	5
A69703	057	236,000	182,000	97.1	101.1	93.9	98.2	99.0	104.4	5
A69704	022	233,000	182,000	97.2	101.0	93.4	98.1	99.0	104.4	5
A69705	052	233,000	182,000	97.2	101.0	93.4	98.1	99.0	104.4	5
A69706	023	233,000	180,000	97.2	101.0	93.4	98.1	98.9	104.4	5
A69707	056	233,000	180,000	97.2	101.0	93.4	98.1	98.9	104.4	5
A69708	054	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	5
A69709	061	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	5
A69710	021	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	5

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/A2**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202477 (Installation of acoustically treated thrust reverser bifurcations)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69711	020	230,000	180,000	97.4	101.0	92.9	98.0	98.9	104.3	5
A69712	050	230,000	180,000	97.4	101.0	92.9	98.0	98.9	104.3	5
A69714	060	220,000	182,000	97.6	100.8	91.6	97.8	99.0	104.2	5
A69715	053	210,000	180,000	97.8	100.6	90.3	97.5	98.9	104.0	5
A69716	059	202,000	182,000	97.9	100.5	89.3	97.3	99.0	103.9	5
A69717	055	192,000	182,000	98.1	100.3	88.0	97.0	99.0	103.7	5

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/A2**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69047	058	238,000	182,000	97.0	101.1	94.4	98.2	99.5	104.4	5
A69048	062	238,000	182,000	97.0	101.1	94.4	98.2	99.5	104.4	5
A69049	057	236,000	182,000	97.1	101.1	93.9	98.2	99.5	104.4	5
A69050	022	233,000	182,000	97.2	101.0	93.4	98.1	99.5	104.4	5
A69051	052	233,000	182,000	97.2	101.0	93.4	98.1	99.5	104.4	5
A69052	023	233,000	180,000	97.2	101.0	93.4	98.1	99.5	104.4	5
A69053	056	233,000	180,000	97.2	101.0	93.4	98.1	99.5	104.4	5
A69054	054	230,000	182,000	97.4	101.0	92.9	98.0	99.5	104.3	5
A69055	061	230,000	182,000	97.4	101.0	92.9	98.0	99.5	104.3	5
A69056	021	230,000	182,000	97.4	101.0	92.9	98.0	99.5	104.3	5

¹ See Note 1.



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Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/A2**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69057	020	230,000	180,000	97.4	101.0	92.9	98.0	99.5	104.3	5
A69058	050	230,000	180,000	97.5	101.0	92.5	98.0	99.5	104.3	5
A69060	060	220,000	182,000	97.6	100.8	91.6	97.8	99.5	104.2	5
A69061	053	210,000	180,000	97.8	100.6	90.3	97.5	99.5	104.0	5
A69062	059	202,000	182,000	97.9	100.5	89.3	97.3	99.5	103.9	5
A69063	055	192,000	182,000	98.1	100.3	88.0	97.0	99.5	103.7	5

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202954 (Engine intermix, both engines with treated forward fancase, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69718	058	238,000	182,000	97.0	101.1	94.4	98.2	99.0	104.4	6
A69719	062	238,000	182,000	97.0	101.1	94.4	98.2	99.0	104.4	6
A69720	057	236,000	182,000	97.1	101.1	93.9	98.2	99.0	104.4	6
A69721	022	233,000	182,000	97.2	101.0	93.4	98.1	99.0	104.4	6
A69722	052	233,000	182,000	97.2	101.0	93.4	98.1	99.0	104.4	6
A69723	023	233,000	180,000	97.2	101.0	93.4	98.1	98.9	104.4	6
A69724	056	233,000	180,000	97.2	101.0	93.4	98.1	98.9	104.4	6
A69725	054	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	6
A69726	061	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	6
A69727	021	230,000	182,000	97.4	101.0	92.9	98.0	99.0	104.3	6

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202954 (Engine intermix, both engines with treated forward fancase, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69728	020	230,000	180,000	97.4	101.0	92.9	98.0	98.9	104.3	6
A69729	050	230,000	180,000	97.4	101.0	92.9	98.0	98.9	104.3	6
A69731	060	220,000	182,000	97.6	100.8	91.6	97.8	99.0	104.2	6
A69732	053	210,000	180,000	97.8	100.6	90.3	97.5	98.9	104.0	6
A69733	059	202,000	182,000	97.9	100.5	89.3	97.3	99.0	103.9	6
A69734	055	192,000	182,000	98.1	100.3	88.0	97.0	99.0	103.7	6

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69352	058	238,000	182,000	97.0	101.1	94.4	98.2	99.5	104.4	4
A69353	062	238,000	182,000	97.0	101.1	94.4	98.2	99.5	104.4	4
A69354	057	236,000	182,000	97.1	101.1	93.9	98.2	99.5	104.4	4
A69355	022	233,000	182,000	97.2	101.0	93.4	98.1	99.5	104.4	4
A69356	052	233,000	182,000	97.2	101.0	93.4	98.1	99.5	104.4	4
A69357	023	233,000	180,000	97.2	101.0	93.4	98.1	99.5	104.4	4
A69358	056	233,000	180,000	97.2	101.0	93.4	98.1	99.5	104.4	4
A69359	054	230,000	182,000	97.4	101.0	92.9	98.0	99.5	104.3	4
A69360	061	230,000	182,000	97.4	101.0	92.9	98.0	99.5	104.3	4
A69361	021	230,000	182,000	97.4	101.0	92.9	98.0	99.5	104.3	4

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69362	020	230,000	180,000	97.4	101.0	92.9	98.0	99.5	104.3	4
A69363	050	230,000	180,000	97.5	101.0	92.5	98.0	99.5	104.3	4
A69365	060	220,000	182,000	97.6	100.8	91.6	97.8	99.5	104.2	4
A69366	053	210,000	180,000	97.8	100.6	90.3	97.5	99.5	104.0	4
A69367	059	202,000	182,000	97.9	100.5	89.3	97.3	99.5	103.9	4
A69368	055	192,000	182,000	98.1	100.3	88.0	97.0	99.5	103.7	4

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **52776 (Thrust bump to CF6-80E1A3 rating)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A16519	062	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	7
A7941	058	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	7
A7940	057	236,000	182,000	99.6	101.1	92.5	98.2	99.0	104.4	7
A5801	022	233,000	182,000	99.6	101.0	92.1	98.1	99.0	104.4	7
A5802	052	233,000	182,000	99.6	101.0	92.1	98.1	99.0	104.4	7
A7936	023	233,000	180,000	99.6	101.0	92.1	98.1	98.9	104.4	7
A7939	056	233,000	180,000	99.6	101.0	92.1	98.1	98.9	104.4	7
A10954	054	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	7
A16518	061	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	7
A5803	021	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	7

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **52776 (Thrust bump to CF6-80E1A3 rating)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A5804	020	230,000	180,000	99.7	101.0	91.8	98.0	98.9	104.3	7
A5805	050	230,000	180,000	99.7	101.0	91.8	98.0	98.9	104.3	7
A7943	060	220,000	182,000	99.8	100.8	90.5	97.8	99.0	104.2	7
A7937	053	210,000	180,000	100.0	100.6	89.3	97.5	98.9	104.0	7
A7942	059	202,000	182,000	100.1	100.5	88.3	97.3	99.0	103.9	7
A7938	055	192,000	182,000	100.3	100.3	87.2	97.0	99.0	103.7	7

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **52776 (Thrust bump to CF6-80E1A3 rating)**

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

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	
A70250	082	242,000	182,000	99.5	101.2	93.3	98.3	99.0	104.5	7
A70251	081	242,000	182,000	99.5	101.2	93.3	98.3	99.0	104.5	7
A70252	083	240,000	182,000	99.5	101.1	93.0	98.3	99.0	104.5	7
A70253	080	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	7

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

52776, 200946 (Thrust bump to CF6-80E1A3 rating, Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))

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

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	
A70175	082	242,000	182,000	98.6	101.2	92.8	98.3	99.5	104.5	-
A70176	081	242,000	182,000	98.6	101.2	92.8	98.3	99.5	104.5	-
A70177	083	240,000	182,000	98.7	101.1	92.5	98.3	99.5	104.5	-
A18094	058	238,000	182,000	98.7	101.1	92.2	98.2	99.5	104.4	-
A18095	062	238,000	182,000	98.7	101.1	92.2	98.2	99.5	104.4	-
A70178	080	238,000	182,000	98.7	101.1	92.2	98.2	99.5	104.4	-
A18096	057	236,000	182,000	98.7	101.1	92.0	98.2	99.5	104.4	-
A18097	022	233,000	182,000	98.7	101.0	91.5	98.1	99.5	104.4	-
A18098	052	233,000	182,000	98.7	101.0	91.5	98.1	99.5	104.4	-
A18099	023	233,000	180,000	98.7	101.0	91.5	98.1	99.5	104.4	-

¹ See Note 1.



Type Certificate Holder¹

Airbus S.A.S.

Aircraft Type Designation¹

A330-202

Engine TC Holder

General Electric Company

Engine Type Designation¹

CF6-80E1A4/B

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

52776, 200946 (Thrust bump to CF6-80E1A3 rating, Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))

Noise Certification Basis

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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	
A18100	056	233,000	180,000	98.7	101.0	91.5	98.1	99.5	104.4	-
A18101	021	230,000	182,000	98.8	101.0	91.2	98.0	99.5	104.3	-
A18102	054	230,000	182,000	98.8	101.0	91.2	98.0	99.5	104.3	-
A18103	061	230,000	182,000	98.8	101.0	91.2	98.0	99.5	104.3	-
A18104	020	230,000	180,000	98.8	101.0	91.2	98.0	99.5	104.3	-
A18105	050	230,000	180,000	98.8	101.0	91.2	98.0	99.5	104.3	-
A18106	060	220,000	182,000	98.9	100.8	89.9	97.8	99.5	104.2	-
A18107	053	210,000	180,000	99.1	100.6	88.6	97.5	99.5	104.0	-
A18108	059	202,000	182,000	99.2	100.5	87.6	97.3	99.5	103.9	-
A18109	055	192,000	182,000	99.3	100.3	86.4	97.0	99.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **52776, 202477 (Thrust bump to CF6-80E1A3 rating, Installation of acoustically treated thrust reverser bifurcations)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69259	058	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	8
A69260	062	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	8
A69261	057	236,000	182,000	99.6	101.1	92.5	98.2	99.0	104.4	8
A69262	022	233,000	182,000	99.6	101.0	92.1	98.1	99.0	104.4	8
A69263	052	233,000	182,000	99.6	101.0	92.1	98.1	99.0	104.4	8
A69264	023	233,000	180,000	99.6	101.0	92.1	98.1	98.9	104.4	8
A69265	056	233,000	180,000	99.6	101.0	92.1	98.1	98.9	104.4	8
A69266	021	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	8
A69267	054	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	8
A69268	061	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	8

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **52776, 202477 (Thrust bump to CF6-80E1A3 rating, Installation of acoustically treated thrust reverser bifurcations)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69269	020	230,000	180,000	99.7	101.0	91.8	98.0	98.9	104.3	8
A69270	050	230,000	180,000	99.7	101.0	91.8	98.0	98.9	104.3	8
A69271	060	220,000	182,000	99.8	100.8	90.5	97.8	99.0	104.2	8
A69272	053	210,000	180,000	100.0	100.6	89.3	97.5	98.9	104.0	8
A69273	059	202,000	182,000	100.1	100.5	88.3	97.3	99.0	103.9	8
A69274	055	192,000	182,000	100.3	100.3	87.2	97.0	99.0	103.7	8

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **52776, 202477 (Thrust bump to CF6-80E1A3 rating, Installation of acoustically treated thrust reverser bifurcations)**

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

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	
A70242	082	242,000	182,000	99.5	101.2	93.3	98.3	99.0	104.5	8
A70243	081	242,000	182,000	99.5	101.2	93.3	98.3	99.0	104.5	8
A70244	083	240,000	182,000	99.5	101.1	93.0	98.3	99.0	104.5	8
A70245	080	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	8

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **52776, 202689 (Thrust bump to CF6-80E1A3 rating, Installation of improved hardwall forward fan case)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69199	058	238,000	182,000	99.6	101.1	92.8	98.2	99.5	104.4	9
A69200	062	238,000	182,000	99.6	101.1	92.8	98.2	99.5	104.4	9
A69201	057	236,000	182,000	99.6	101.1	92.5	98.2	99.5	104.4	9
A69202	022	233,000	182,000	99.6	101.0	92.1	98.1	99.5	104.4	9
A69203	052	233,000	182,000	99.6	101.0	92.1	98.1	99.5	104.4	9
A69204	023	233,000	180,000	99.6	101.0	92.1	98.1	99.5	104.4	9
A69205	056	233,000	180,000	99.6	101.0	92.1	98.1	99.5	104.4	9
A69206	021	230,000	182,000	99.7	101.0	91.8	98.0	99.5	104.3	9
A69207	054	230,000	182,000	99.7	101.0	91.8	98.0	99.5	104.3	9
A69208	061	230,000	182,000	99.7	101.0	91.8	98.0	99.5	104.3	9

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **52776, 202689 (Thrust bump to CF6-80E1A3 rating, Installation of improved hardwall forward fan case)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69209	020	230,000	180,000	99.7	101.0	91.8	98.0	99.5	104.3	9
A69210	050	230,000	180,000	99.7	101.0	91.8	98.0	99.5	104.3	9
A69211	060	220,000	182,000	99.8	100.8	90.5	97.8	99.5	104.2	9
A69212	053	210,000	180,000	100.0	100.6	89.3	97.5	99.5	104.0	9
A69369	059	202,000	182,000	100.1	100.5	88.3	97.3	99.5	103.9	9
A69213	055	192,000	182,000	100.3	100.3	87.2	97.0	99.5	103.7	9

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **52776, 202689 (Thrust bump to CF6-80E1A3 rating, Installation of improved hardwall forward fan case)**

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

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	
A70108	082	242,000	182,000	99.5	101.2	93.3	98.3	99.5	104.5	9
A70109	081	242,000	182,000	99.5	101.2	93.3	98.3	99.5	104.5	9
A70107	083	240,000	182,000	99.5	101.1	93.0	98.3	99.5	104.5	9
A70106	080	238,000	182,000	99.6	101.1	92.8	98.2	99.5	104.4	9

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **52776, 202954 (Thrust bump to CF6-80E1A3 rating, Engine intermix, both engines with treated forward fan case, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69276	058	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	8
A69277	062	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	8
A69278	057	236,000	182,000	99.6	101.1	92.5	98.2	99.0	104.4	8
A69279	022	233,000	182,000	99.6	101.0	92.1	98.1	99.0	104.4	8
A69280	052	233,000	182,000	99.6	101.0	92.1	98.1	99.0	104.4	8
A69281	023	233,000	180,000	99.6	101.0	92.1	98.1	98.9	104.4	8
A69282	056	233,000	180,000	99.6	101.0	92.1	98.1	98.9	104.4	8
A69283	021	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	8
A69284	054	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	8
A69285	061	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	8

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

52776, 202954 (Thrust bump to CF6-80E1A3 rating, Engine intermix, both engines with treated forward fan case, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69286	020	230,000	180,000	99.7	101.0	91.8	98.0	98.9	104.3	8
A69287	050	230,000	180,000	99.7	101.0	91.8	98.0	98.9	104.3	8
A69288	060	220,000	182,000	99.8	100.8	90.5	97.8	99.0	104.2	8
A69289	053	210,000	180,000	100.0	100.6	89.3	97.5	98.9	104.0	8
A69290	059	202,000	182,000	100.1	100.5	88.3	97.3	99.0	103.9	8
A69291	055	192,000	182,000	100.3	100.3	87.2	97.0	99.0	103.7	8

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

52776, 202954 (Thrust bump to CF6-80E1A3 rating, Engine intermix, both engines with treated forward fan case, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A70246	082	242,000	182,000	99.5	101.2	93.3	98.3	99.0	104.5	8
A70247	081	242,000	182,000	99.5	101.2	93.3	98.3	99.0	104.5	8
A70248	083	240,000	182,000	99.5	101.1	93.0	98.3	99.0	104.5	8
A70249	080	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	8

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

52776, 202955 (Thrust bump to CF6-80E1A3 rating, Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69215	058	238,000	182,000	99.6	101.1	92.8	98.2	99.5	104.4	7
A69216	062	238,000	182,000	99.6	101.1	92.8	98.2	99.5	104.4	7
A69217	057	236,000	182,000	99.6	101.1	92.5	98.2	99.5	104.4	7
A69218	022	233,000	182,000	99.6	101.0	92.1	98.1	99.5	104.4	7
A69219	052	233,000	182,000	99.6	101.0	92.1	98.1	99.5	104.4	7
A69220	023	233,000	180,000	99.6	101.0	92.1	98.1	99.5	104.4	7
A69221	056	233,000	180,000	99.6	101.0	92.1	98.1	99.5	104.4	7
A69222	021	230,000	182,000	99.7	101.0	91.8	98.0	99.5	104.3	7
A69223	054	230,000	182,000	99.7	101.0	91.8	98.0	99.5	104.3	7

¹ See Note 1.



Type Certificate Holder¹

Airbus S.A.S.

Aircraft Type Designation¹

A330-202

Engine TC Holder

General Electric Company

Engine Type Designation¹

CF6-80E1A4/B

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

52776, 202955 (Thrust bump to CF6-80E1A3 rating, Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis

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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	
A69224	061	230,000	182,000	99.7	101.0	91.8	98.0	99.5	104.3	7
A69225	020	230,000	180,000	99.7	101.0	91.8	98.0	99.5	104.3	7
A69226	050	230,000	180,000	99.7	101.0	91.8	98.0	99.5	104.3	7
A69227	060	220,000	182,000	99.8	100.8	90.5	97.8	99.5	104.2	7
A69228	053	210,000	180,000	100.0	100.6	89.3	97.5	99.5	104.0	7
A69229	059	202,000	182,000	100.1	100.5	88.3	97.3	99.5	103.9	7
A69230	055	192,000	182,000	100.3	100.3	87.2	97.0	99.5	103.7	7

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-202**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

52776, 202955 (Thrust bump to CF6-80E1A3 rating, Engine intermix, one or both engines with improved hardwall forward fan case (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A70110	081	242,000	182,000	99.5	101.2	93.3	98.3	99.5	104.5	7
A70111	082	242,000	182,000	99.5	101.2	93.3	98.3	99.5	104.5	7
A70112	083	240,000	182,000	99.5	101.1	93.0	98.3	99.5	104.5	7
A70113	080	238,000	182,000	99.6	101.1	92.8	98.2	99.5	104.4	7

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **200946 (Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69950	058	238,000	182,000	98.7	101.1	92.2	98.2	99.5	104.4	-
A69951	062	238,000	182,000	98.7	101.1	92.2	98.2	99.5	104.4	-
A69949	057	236,000	182,000	98.7	101.1	92.0	98.2	99.5	104.4	-
A69945	022	233,000	182,000	98.7	101.0	91.5	98.1	99.5	104.4	-
A69947	052	233,000	182,000	98.7	101.0	91.5	98.1	99.5	104.4	-
A69946	023	233,000	180,000	98.7	101.0	91.5	98.1	99.5	104.4	-
A69948	056	233,000	180,000	98.7	101.0	91.5	98.1	99.5	104.4	-
A18079	061	230,000	182,000	98.8	101.0	91.2	98.0	99.5	104.3	-
A18080	054	230,000	182,000	98.8	101.0	91.2	98.0	99.5	104.3	-
A18081	020	230,000	180,000	98.8	101.0	91.2	98.0	99.5	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

200946 (Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A18082	050	230,000	180,000	98.8	101.0	91.2	98.0	99.5	104.3	-
A18083	060	220,000	182,000	98.9	100.8	89.9	97.8	99.5	104.2	-
A18084	059	202,000	182,000	99.2	100.5	87.6	97.3	99.5	103.9	-
A18085	055	192,000	182,000	99.3	100.3	86.4	97.0	99.5	103.7	-
A18086	026	192,000	180,000	99.3	100.3	86.4	97.0	99.5	103.7	-
A18087	051	192,000	180,000	99.3	100.3	86.4	97.0	99.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **202477 (Installation of acoustically treated thrust reverser bifurcations)**

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

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	
A70259	082	242,000	182,000	99.5	101.2	93.3	98.3	99.0	104.5	2
A70260	081	242,000	182,000	99.5	101.2	93.3	98.3	99.0	104.5	2
A70261	083	240,000	182,000	99.5	101.1	93.0	98.3	99.0	104.5	2
A69293	058	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	2
A69294	062	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	2
A70262	080	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	2
A69295	057	236,000	182,000	99.6	101.1	92.5	98.2	99.0	104.4	2
A69296	022	233,000	182,000	99.6	101.0	92.1	98.1	99.0	104.4	2
A69297	052	233,000	182,000	99.6	101.0	92.1	98.1	99.0	104.4	2
A69298	023	233,000	180,000	99.6	101.0	92.1	98.1	98.9	104.4	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **202477 (Installation of acoustically treated thrust reverser bifurcations)**

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

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	
A69299	056	233,000	180,000	99.6	101.0	92.1	98.1	98.9	104.4	2
A69300	061	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	2
A69301	054	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	2
A69302	020	230,000	180,000	99.7	101.0	91.8	98.0	98.9	104.3	2
A69303	050	230,000	180,000	99.7	101.0	91.8	98.0	98.9	104.3	2
A69304	060	220,000	182,000	99.8	100.8	90.5	97.8	99.0	104.2	2
A70263	053	210,000	180,000	100.0	100.6	89.3	97.5	98.9	104.0	2
A69305	059	202,000	182,000	100.1	100.5	88.3	97.3	99.0	103.9	2
A69306	055	192,000	182,000	100.3	100.3	87.2	97.0	99.0	103.7	2
A69307	026	192,000	180,000	100.3	100.3	87.2	97.0	98.9	103.7	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **202477 (Installation of acoustically treated thrust reverser bifurcations)**

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

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	
A69308	051	192,000	180,000	100.3	100.3	87.2	97.0	98.9	103.7	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69164	058	238,000	182,000	99.6	101.1	92.8	98.2	99.5	104.4	3
A69165	062	238,000	182,000	99.6	101.1	92.8	98.2	99.5	104.4	3
A69166	057	236,000	182,000	99.6	101.1	92.5	98.2	99.5	104.4	3
A69168	022	233,000	182,000	99.6	101.0	92.1	98.1	99.5	104.4	3
A69169	052	233,000	182,000	99.6	101.0	92.1	98.1	99.5	104.4	3
A69170	023	233,000	180,000	99.6	101.0	92.1	98.1	99.5	104.4	3
A69171	056	233,000	180,000	99.6	101.0	92.1	98.1	99.5	104.4	3
A69172	061	230,000	182,000	99.7	101.0	91.8	98.0	99.5	104.3	3
A69173	054	230,000	182,000	99.7	101.0	91.8	98.0	99.5	104.3	3
A69174	020	230,000	180,000	99.7	101.0	91.8	98.0	99.5	104.3	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69175	050	230,000	180,000	99.7	101.0	91.8	98.0	99.5	104.3	3
A69176	060	220,000	182,000	99.8	100.8	90.5	97.8	99.5	104.2	3
A69177	059	202,000	182,000	100.1	100.5	88.3	97.3	99.5	103.9	3
A69178	055	192,000	182,000	100.3	100.3	87.2	97.0	99.5	103.7	3
A69179	026	192,000	180,000	100.3	100.3	87.2	97.0	99.5	103.7	3
A69180	051	192,000	180,000	100.3	100.3	87.2	97.0	99.5	103.7	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

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

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	
A70114	081	242,000	182,000	99.5	101.2	93.3	98.3	99.5	104.5	3
A70115	082	242,000	182,000	99.5	101.2	93.3	98.3	99.5	104.5	3
A70116	083	240,000	182,000	99.5	101.1	93.0	98.3	99.5	104.5	3
A70117	080	238,000	182,000	99.6	101.1	92.8	98.2	99.5	104.4	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202954 (Engine intermix, both engines with treated forward fancase, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A70255	082	242,000	182,000	99.5	101.2	93.3	98.3	99.0	104.5	2
A70256	081	242,000	182,000	99.5	101.2	93.3	98.3	99.0	104.5	2
A70257	083	240,000	182,000	99.5	101.1	93.0	98.3	99.0	104.5	2
A69310	058	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	2
A69311	062	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	2
A70258	080	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	2
A69312	057	236,000	182,000	99.6	101.1	92.5	98.2	99.0	104.4	2
A69313	022	233,000	182,000	99.6	101.0	92.1	98.1	99.0	104.4	2
A69314	052	233,000	182,000	99.6	101.0	92.1	98.1	99.0	104.4	2
A69315	023	233,000	180,000	99.6	101.0	92.1	98.1	98.9	104.4	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202954 (Engine intermix, both engines with treated forward fancase, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A69316	056	233,000	180,000	99.6	101.0	92.1	98.1	98.9	104.4	2
A69317	061	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	2
A69318	054	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	2
A69319	020	230,000	180,000	99.7	101.0	91.8	98.0	98.9	104.3	2
A69320	050	230,000	180,000	99.7	101.0	91.8	98.0	98.9	104.3	2
A69321	060	220,000	182,000	99.8	100.8	90.5	97.8	99.0	104.2	2
A70254	053	210,000	180,000	100.0	100.6	89.3	97.5	98.9	104.0	2
A69322	059	202,000	182,000	100.1	100.5	88.3	97.3	99.0	103.9	2
A69323	055	192,000	182,000	100.3	100.3	87.2	97.0	99.0	103.7	2
A69324	026	192,000	180,000	100.3	100.3	87.2	97.0	98.9	103.7	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202954 (Engine intermix, both engines with treated forward fancase, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A69325	051	192,000	180,000	100.3	100.3	87.2	97.0	98.9	103.7	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69182	058	238,000	182,000	99.6	101.1	92.8	98.2	99.5	104.4	-
A69183	062	238,000	182,000	99.6	101.1	92.8	98.2	99.5	104.4	-
A69184	057	236,000	182,000	99.6	101.1	92.5	98.2	99.5	104.4	-
A69185	022	233,000	182,000	99.6	101.0	92.1	98.1	99.5	104.4	-
A69186	052	233,000	182,000	99.6	101.0	92.1	98.1	99.5	104.4	-
A69187	023	233,000	180,000	99.6	101.0	92.1	98.1	99.5	104.4	-
A69188	056	233,000	180,000	99.6	101.0	92.1	98.1	99.5	104.4	-
A69189	061	230,000	182,000	99.7	101.0	91.8	98.0	99.5	104.3	-
A69190	054	230,000	182,000	99.7	101.0	91.8	98.0	99.5	104.3	-
A69191	020	230,000	180,000	99.7	101.0	91.8	98.0	99.5	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69192	050	230,000	180,000	99.7	101.0	91.8	98.0	99.5	104.3	-
A69193	060	220,000	182,000	99.8	100.8	90.5	97.8	99.5	104.2	-
A69194	059	202,000	182,000	100.1	100.5	88.3	97.3	99.5	103.9	-
A69195	055	192,000	182,000	100.3	100.3	87.2	97.0	99.5	103.7	-
A69196	026	192,000	180,000	100.3	100.3	87.2	97.0	99.5	103.7	-
A69197	051	192,000	180,000	100.3	100.3	87.2	97.0	99.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A70118	081	242,000	182,000	99.5	101.2	93.3	98.3	99.5	104.5	-
A70119	082	242,000	182,000	99.5	101.2	93.3	98.3	99.5	104.5	-
A70120	083	240,000	182,000	99.5	101.1	93.0	98.3	99.5	104.5	-
A70121	080	238,000	182,000	99.6	101.1	92.8	98.2	99.5	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

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.	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	
A70264	082	242,000	182,000	99.5	101.2	93.3	98.3	99.0	104.5	-
A70265	081	242,000	182,000	99.5	101.2	93.3	98.3	99.0	104.5	-
A70266	083	240,000	182,000	99.5	101.1	93.0	98.3	99.0	104.5	-
A16520	062	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	-
A70267	080	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	-
A7957	058	238,000	182,000	99.6	101.1	92.8	98.2	99.0	104.4	-
A7956	057	236,000	182,000	99.6	101.1	92.5	98.2	99.0	104.4	-
A807	022	233,000	182,000	99.6	101.0	92.1	98.1	99.0	104.4	-
A811	052	233,000	182,000	99.6	101.0	92.1	98.1	99.0	104.4	-
A7952	023	233,000	180,000	99.6	101.0	92.1	98.1	98.9	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

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.	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	
A7955	056	233,000	180,000	99.6	101.0	92.1	98.1	98.9	104.4	-
A16521	061	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	-
A7953	054	230,000	182,000	99.7	101.0	91.8	98.0	99.0	104.3	-
A805	020	230,000	180,000	99.7	101.0	91.8	98.0	98.9	104.3	-
A809	050	230,000	180,000	99.7	101.0	91.8	98.0	98.9	104.3	-
A7959	060	220,000	182,000	99.8	100.8	90.5	97.8	99.0	104.2	-
A70268	053	210,000	180,000	100.0	100.6	89.3	97.5	98.9	104.0	-
A7958	059	202,000	182,000	100.1	100.5	88.3	97.3	99.0	103.9	-
A7954	055	192,000	182,000	100.3	100.3	87.2	97.0	99.0	103.7	-
A808	026	192,000	180,000	100.3	100.3	87.2	97.0	98.9	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-203**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

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.	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	
A810	051	192,000	180,000	100.3	100.3	87.2	97.0	98.9	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, one engine with part “Advantage 70” performance kit (Mod 57227), one engine with titanium fan containment case with or without new intermediate fan case (Mod 47277))

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

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	
A70545	082	242,000	182,000	98.6	101.2	94.3	98.3	98.5	104.5	-
A70546	081	242,000	182,000	98.6	101.2	94.3	98.3	98.5	104.5	-
A70547	083	240,000	182,000	98.7	101.1	94.0	98.3	98.5	104.5	-
A16098	058	238,000	182,000	98.7	101.1	93.7	98.2	98.5	104.4	-
A16563	062	238,000	182,000	98.7	101.1	93.7	98.2	98.5	104.4	-
A70549	080	238,000	182,000	98.7	101.1	93.7	98.2	98.5	104.4	-
A16099	057	236,000	182,000	98.7	101.1	93.4	98.2	98.5	104.4	-
A16100	022	233,000	182,000	98.7	101.0	93.0	98.1	98.5	104.4	-
A16101	052	233,000	182,000	98.7	101.0	93.0	98.1	98.5	104.4	-
A16102	023	233,000	180,000	98.7	101.0	93.0	98.1	98.4	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, one engine with part “Advantage 70” performance kit (Mod 57227), one engine with titanium fan containment case with or without new intermediate fan case (Mod 47277))

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

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	
A16103	056	233,000	180,000	98.7	101.0	93.0	98.1	98.4	104.4	-
A16104	021	230,000	182,000	98.8	101.0	92.5	98.0	98.5	104.3	-
A16105	054	230,000	182,000	98.8	101.0	92.5	98.0	98.5	104.3	-
A16106	061	230,000	182,000	98.8	101.0	92.5	98.0	98.5	104.3	-
A16107	020	230,000	180,000	98.8	101.0	92.5	98.0	98.4	104.3	-
A16108	050	230,000	180,000	98.8	101.0	92.5	98.0	98.4	104.3	-
A16110	060	220,000	182,000	98.9	100.8	91.2	97.8	98.5	104.2	-
A70557	064	217,000	182,000	98.9	100.8	90.8	97.7	98.5	104.1	-
A16111	059	202,000	182,000	99.1	100.5	88.8	97.3	98.5	103.9	-
A16112	055	192,000	182,000	99.3	100.3	87.5	97.0	98.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, one engine with part “Advantage 70” performance kit (Mod 57227), one engine with titanium fan containment case with or without new intermediate fan case (Mod 47277))

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

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	
A70558	063	192,000	182,000	99.3	100.3	87.5	97.0	98.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

54304 (47218, 47277) (Kevlar front and aft fan containment case and new intermediate fan case (No intermix permitted with titanium hardware))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A16534	062	238,000	182,000	98.1	101.1	93.4	98.2	98.2	104.4	-
A8024	058	238,000	182,000	98.1	101.1	93.4	98.2	98.2	104.4	-
A8023	057	236,000	182,000	98.1	101.1	93.1	98.2	98.2	104.4	-
A829	022	233,000	182,000	98.1	101.0	92.7	98.1	98.2	104.4	-
A831	052	233,000	182,000	98.1	101.0	92.7	98.1	98.2	104.4	-
A8020	023	233,000	180,000	98.1	101.0	92.7	98.1	98.1	104.4	-
A8022	056	233,000	180,000	98.1	101.0	92.7	98.1	98.1	104.4	-
A10931	054	230,000	182,000	98.2	101.0	92.3	98.0	98.2	104.3	-
A16533	061	230,000	182,000	98.2	101.0	92.3	98.0	98.2	104.3	-
A828	021	230,000	182,000	98.2	101.0	92.3	98.0	98.2	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

54304 (47218, 47277) (Kevlar front and aft fan containment case and new intermediate fan case (No intermix permitted with titanium hardware))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A827	020	230,000	180,000	98.2	101.0	92.3	98.0	98.1	104.3	-
A830	050	230,000	180,000	98.2	101.0	92.3	98.0	98.1	104.3	-
A8026	060	220,000	182,000	98.3	100.8	90.9	97.8	98.2	104.2	-
A8025	059	202,000	182,000	98.5	100.5	88.6	97.3	98.2	103.9	-
A8021	055	192,000	182,000	98.7	100.3	87.3	97.0	98.2	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

54304 (47218, 47277) (Kevlar front and aft fan containment case and new intermediate fan case (No intermix permitted with titanium hardware))

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

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	
A69870	082	242,000	182,000	98.0	101.2	94.0	98.3	98.2	104.5	-
A69871	081	242,000	182,000	98.0	101.2	94.0	98.3	98.2	104.5	-
A69872	083	240,000	182,000	98.0	101.1	93.7	98.3	98.2	104.5	-
A69873	080	238,000	182,000	98.1	101.1	93.4	98.2	98.2	104.4	-
A70529	064	217,000	182,000	98.3	100.8	90.6	97.7	98.2	104.1	-
A70528	063	192,000	182,000	98.7	100.3	87.3	97.0	98.2	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

57227, with or without 54304 (“Advantage 70” performance kit (part only), with or without kevlar front and aft fan containment case and new intermediate fan case)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A15416	058	238,000	182,000	98.2	101.1	93.4	98.2	98.5	104.4	-
A17866	062	238,000	182,000	98.2	101.1	93.4	98.2	98.5	104.4	-
A15417	057	236,000	182,000	98.2	101.1	93.1	98.2	98.5	104.4	-
A15418	022	233,000	182,000	98.3	101.0	92.7	98.1	98.5	104.4	-
A15419	052	233,000	182,000	98.3	101.0	92.7	98.1	98.5	104.4	-
A15420	023	233,000	180,000	98.3	101.0	92.7	98.1	98.4	104.4	-
A15421	056	233,000	180,000	98.3	101.0	92.7	98.1	98.4	104.4	-
A15422	021	230,000	182,000	98.3	101.0	92.3	98.0	98.5	104.3	-
A15423	054	230,000	182,000	98.3	101.0	92.3	98.0	98.5	104.3	-
A15424	061	230,000	182,000	98.3	101.0	92.3	98.0	98.5	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

57227, with or without 54304 (“Advantage 70” performance kit (part only), with or without kevlar front and aft fan containment case and new intermediate fan case)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A15425	020	230,000	180,000	98.3	101.0	92.3	98.0	98.4	104.3	-
A15426	050	230,000	180,000	98.3	101.0	92.3	98.0	98.4	104.3	-
A15428	060	220,000	182,000	98.4	100.8	90.9	97.8	98.5	104.2	-
A15429	059	202,000	182,000	98.7	100.5	88.6	97.3	98.5	103.9	-
A15430	055	192,000	182,000	98.8	100.3	87.3	97.0	98.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

57227, with or without 54304 (“Advantage 70” performance kit (part only), with or without kevlar front and aft fan containment case and new intermediate fan case)

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

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	
A70513	064	217,000	182,000	98.5	100.8	90.6	97.7	98.5	104.1	-
A70514	063	192,000	182,000	98.8	100.3	87.3	97.0	98.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **With or without 47218 and/or 47277 (With or without kevlar front and aft fan containment case and/or new intermediate fan case)**

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

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	
A69934	082	242,000	182,000	98.6	101.2	94.3	98.3	98.2	104.5	-
A69935	081	242,000	182,000	98.6	101.2	94.3	98.3	98.2	104.5	-
A69936	083	240,000	182,000	98.7	101.1	94.0	98.3	98.2	104.5	-
A16540	062	238,000	182,000	98.7	101.1	93.7	98.2	98.2	104.4	-
A69933	080	238,000	182,000	98.7	101.1	93.7	98.2	98.2	104.4	-
A7986	058	238,000	182,000	98.7	101.1	93.7	98.2	98.2	104.4	-
A7985	057	236,000	182,000	98.7	101.1	93.4	98.2	98.2	104.4	-
A834	022	233,000	182,000	98.7	101.0	93.0	98.1	98.2	104.4	-
A836	052	233,000	182,000	98.7	101.0	93.0	98.1	98.2	104.4	-
A7982	023	233,000	180,000	98.7	101.0	93.0	98.1	98.1	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **With or without 47218 and/or 47277 (With or without kevlar front and aft fan containment case and/or new intermediate fan case)**

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

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	
A7984	056	233,000	180,000	98.7	101.0	93.0	98.1	98.1	104.4	-
A10929	054	230,000	182,000	98.8	101.0	92.5	98.0	98.2	104.3	-
A833	021	230,000	182,000	98.8	101.0	92.5	98.0	98.2	104.3	-
A832	020	230,000	180,000	98.8	101.0	92.5	98.0	98.1	104.3	-
A835	050	230,000	180,000	98.8	101.0	92.5	98.0	98.1	104.3	-
A7988	060	220,000	182,000	98.9	100.8	91.2	97.8	98.2	104.2	-
A70504	064	217,000	182,000	98.9	100.8	90.8	97.7	98.2	104.1	-
A7987	059	202,000	182,000	99.1	100.5	88.8	97.3	98.2	103.9	-
A70503	063	192,000	182,000	99.3	100.3	87.5	97.0	98.2	103.7	-
A7983	055	192,000	182,000	99.3	100.3	87.5	97.0	98.2	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **With or without 47277 (With or without new intermediate fan case design)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A16546	062	238,000	182,000	98.7	101.1	93.7	98.2	98.1	104.4	-
A7972	058	238,000	182,000	98.7	101.1	93.7	98.2	98.1	104.4	-
A7971	057	236,000	182,000	98.7	101.1	93.4	98.2	98.1	104.4	-
A814	022	233,000	182,000	98.7	101.0	93.0	98.1	98.1	104.4	-
A816	052	233,000	182,000	98.7	101.0	93.0	98.1	98.1	104.4	-
A7968	023	233,000	180,000	98.7	101.0	93.0	98.1	98.1	104.4	-
A7970	056	233,000	180,000	98.7	101.0	93.0	98.1	98.1	104.4	-
A10913	054	230,000	182,000	98.8	101.0	92.5	98.0	98.1	104.3	-
A16545	061	230,000	182,000	98.8	101.0	92.5	98.0	98.1	104.3	-
A813	021	230,000	182,000	98.8	101.0	92.5	98.0	98.1	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **With or without 47277 (With or without new intermediate fan case design)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A812	020	230,000	180,000	98.8	101.0	92.5	98.0	98.1	104.3	-
A815	050	230,000	180,000	98.8	101.0	92.5	98.0	98.1	104.3	-
A7974	060	220,000	182,000	98.9	100.8	91.2	97.8	98.1	104.2	-
A7973	059	202,000	182,000	99.1	100.5	88.8	97.3	98.1	103.9	-
A7969	055	192,000	182,000	99.3	100.3	87.5	97.0	98.1	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **With or without 47277 (With or without new intermediate fan case design)**

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

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	
A69866	082	242,000	182,000	98.6	101.2	94.3	98.3	98.1	104.5	-
A69867	081	242,000	182,000	98.6	101.2	94.3	98.3	98.1	104.5	-
A69868	083	240,000	182,000	98.7	101.1	94.0	98.3	98.1	104.5	-
A69869	080	238,000	182,000	98.7	101.1	93.7	98.2	98.1	104.4	-
A70535	064	217,000	182,000	98.9	100.8	90.8	97.7	98.1	104.1	-
A70534	063	192,000	182,000	99.3	100.3	87.5	97.0	98.1	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, PW4168A engine with titanium fan containment case with or without new intermediate fan case (Mod 47277), PW4168A-1D (PW4170 engine with Mod 58344 or PW4168A engine with Mod 58956))

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

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	
A70550	082	242,000	182,000	98.6	101.2	94.3	98.3	98.5	104.5	-
A70551	081	242,000	182,000	98.6	101.2	94.3	98.3	98.5	104.5	-
A70552	083	240,000	182,000	98.7	101.1	94.0	98.3	98.5	104.5	-
A16083	058	238,000	182,000	98.7	101.1	93.7	98.2	98.5	104.4	-
A16565	062	238,000	182,000	98.7	101.1	93.7	98.2	98.5	104.4	-
A70554	080	238,000	182,000	98.7	101.1	93.7	98.2	98.5	104.4	-
A16084	057	236,000	182,000	98.7	101.1	93.4	98.2	98.5	104.4	-
A16085	022	233,000	182,000	98.7	101.0	93.0	98.1	98.5	104.4	-
A16086	052	233,000	182,000	98.7	101.0	93.0	98.1	98.5	104.4	-
A16087	023	233,000	180,000	98.7	101.0	93.0	98.1	98.4	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, PW4168A engine with titanium fan containment case with or without new intermediate fan case (Mod 47277), PW4168A-1D (PW4170 engine with Mod 58344 or PW4168A engine with Mod 58956))

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

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	
A16088	056	233,000	180,000	98.7	101.0	93.0	98.1	98.4	104.4	-
A16089	021	230,000	182,000	98.8	101.0	92.5	98.0	98.5	104.3	-
A16090	054	230,000	182,000	98.8	101.0	92.5	98.0	98.5	104.3	-
A16091	061	230,000	182,000	98.8	101.0	92.5	98.0	98.5	104.3	-
A16092	020	230,000	180,000	98.8	101.0	92.5	98.0	98.4	104.3	-
A16093	050	230,000	180,000	98.8	101.0	92.5	98.0	98.4	104.3	-
A16095	060	220,000	182,000	98.9	100.8	91.2	97.8	98.5	104.2	-
A16096	059	202,000	182,000	99.1	100.5	88.8	97.3	98.5	103.9	-
A16097	055	192,000	182,000	99.3	100.3	87.5	97.0	98.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, one engine with part “Advantage 70” performance kit (Mod 57227), one engine with titanium fan containment case with or without new intermediate fan case (Mod 47277))

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

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	
A70559	064	217,000	182,000	98.9	100.8	90.8	97.7	98.5	104.1	-
A70560	063	192,000	182,000	99.3	100.3	87.5	97.0	98.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

58914 (Engine intermix, PW4168A engine with or without kevlar front and aft fan containment case (Mod 47218) or new intermediate fan case (Mod 47277), PW4168A-1D (PW4170 engine with Mod 58344))

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

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	
A70541	082	242,000	182,000	98.6	101.2	94.3	98.3	98.5	104.5	-
A70542	081	242,000	182,000	98.6	101.2	94.3	98.3	98.5	104.5	-
A70543	083	240,000	182,000	98.7	101.1	94.0	98.3	98.5	104.5	-
A15991	058	238,000	182,000	98.7	101.1	93.7	98.2	98.5	104.4	-
A16558	062	238,000	182,000	98.7	101.1	93.7	98.2	98.5	104.4	-
A70540	080	238,000	182,000	98.7	101.1	93.7	98.2	98.5	104.4	-
A15992	057	236,000	182,000	98.7	101.1	93.4	98.2	98.5	104.4	-
A15993	022	233,000	182,000	98.7	101.0	93.0	98.1	98.5	104.4	-
A15994	052	233,000	182,000	98.7	101.0	93.0	98.1	98.5	104.4	-
A15995	023	233,000	180,000	98.7	101.0	93.0	98.1	98.4	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

58914 (Engine intermix, PW4168A engine with or without kevlar front and aft fan containment case (Mod 47218) or new intermediate fan case (Mod 47277), PW4168A-1D (PW4170 engine with Mod 58344))

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

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	
A15996	056	233,000	180,000	98.7	101.0	93.0	98.1	98.4	104.4	-
A15997	021	230,000	182,000	98.8	101.0	92.5	98.0	98.5	104.3	-
A15998	054	230,000	182,000	98.8	101.0	92.5	98.0	98.5	104.3	-
A15999	061	230,000	182,000	98.8	101.0	92.5	98.0	98.5	104.3	-
A16000	020	230,000	180,000	98.8	101.0	92.5	98.0	98.4	104.3	-
A16001	050	230,000	180,000	98.8	101.0	92.5	98.0	98.4	104.3	-
A16003	060	220,000	182,000	98.9	100.8	91.2	97.8	98.5	104.2	-
A70556	064	217,000	182,000	98.9	100.8	90.8	97.7	98.5	104.1	-
A16004	059	202,000	182,000	99.1	100.5	88.8	97.3	98.5	103.9	-
A16005	055	192,000	182,000	99.3	100.3	87.5	97.0	98.5	103.7	-

¹ See Note 1.



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Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

58914 (Engine intermix, PW4168A engine with or without kevlar front and aft fan containment case (Mod 47218) or new intermediate fan case (Mod 47277), PW4168A-1D (PW4170 engine with Mod 58344))

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

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	
A70555	063	192,000	182,000	99.3	100.3	87.5	97.0	98.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, PW4168A engine with either kevlar front and aft fan containment case and new intermediate fan case (Mod 54304) or part "Advantage 70" performance kit (Mod 57227), PW4168A-1D (PW4170 engine with Mod 58344 or PW4168A engine with Mod 58956)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A15400	058	238,000	182,000	98.2	101.1	93.4	98.2	98.5	104.4	-
A16576	062	238,000	182,000	98.2	101.1	93.4	98.2	98.5	104.4	-
A15401	057	236,000	182,000	98.2	101.1	93.1	98.2	98.5	104.4	-
A15402	022	233,000	182,000	98.3	101.0	92.7	98.1	98.5	104.4	-
A15403	052	233,000	182,000	98.3	101.0	92.7	98.1	98.5	104.4	-
A15404	023	233,000	180,000	98.3	101.0	92.7	98.1	98.4	104.4	-
A15405	056	233,000	180,000	98.3	101.0	92.7	98.1	98.4	104.4	-
A15406	021	230,000	182,000	98.3	101.0	92.3	98.0	98.5	104.3	-
A15407	054	230,000	182,000	98.3	101.0	92.3	98.0	98.5	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, PW4168A engine with either kevlar front and aft fan containment case and new intermediate fan case (Mod 54304) or part "Advantage 70" performance kit (Mod 57227), PW4168A-1D (PW4170 engine with Mod 58344 or PW4168A engine with Mod 58956)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A15414	061	230,000	182,000	98.3	101.0	92.3	98.0	98.5	104.3	-
A15408	020	230,000	180,000	98.3	101.0	92.3	98.0	98.4	104.3	-
A15409	050	230,000	180,000	98.3	101.0	92.3	98.0	98.4	104.3	-
A15410	060	220,000	182,000	98.4	100.8	90.9	97.8	98.5	104.2	-
A15411	059	202,000	182,000	98.7	100.5	88.6	97.3	98.5	103.9	-
A15412	055	192,000	182,000	98.8	100.3	87.3	97.0	98.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, PW4168A engine with either kevlar front and aft fan containment case and new intermediate fan case (Mod 54304) or part "Advantage 70" performance kit (Mod 57227), PW4168A-1D (PW4170 engine with Mod 58344 or PW4168A engine with Mod 58956)

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

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	
A69891	082	242,000	182,000	98.1	101.2	94.0	98.3	98.5	104.5	-
A69892	081	242,000	182,000	98.1	101.2	94.0	98.3	98.5	104.5	-
A69893	083	240,000	182,000	98.2	101.1	93.7	98.3	98.5	104.5	-
A69894	080	238,000	182,000	98.2	101.1	93.4	98.2	98.5	104.4	-
A70512	064	217,000	182,000	98.5	100.8	90.6	97.7	98.5	104.1	-
A70511	063	192,000	182,000	98.8	100.3	87.3	97.0	98.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A-1D**

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 5 / Amendment 9** Chapter¹ **4**

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	
A10742	058	238,000	182,000	98.2	101.1	93.4	98.2	98.5	104.4	10
A16578	062	238,000	182,000	98.2	101.1	93.4	98.2	98.5	104.4	10
A10743	057	236,000	182,000	98.2	101.1	93.1	98.2	98.5	104.4	10
A10744	022	233,000	182,000	98.3	101.0	92.7	98.1	98.5	104.4	10
A10745	052	233,000	182,000	98.3	101.0	92.7	98.1	98.5	104.4	10
A10746	023	233,000	180,000	98.3	101.0	92.7	98.1	98.4	104.4	10
A10747	056	233,000	180,000	98.3	101.0	92.7	98.1	98.4	104.4	10
A10748	054	230,000	182,000	98.3	101.0	92.3	98.0	98.5	104.3	10
A10749	021	230,000	182,000	98.3	101.0	92.3	98.0	98.5	104.3	10
A15413	061	230,000	182,000	98.3	101.0	92.3	98.0	98.5	104.3	10

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A-1D**

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 5 / Amendment 9** Chapter¹ **4**

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	
A10750	020	230,000	180,000	98.3	101.0	92.3	98.0	98.4	104.3	10
A10751	050	230,000	180,000	98.3	101.0	92.3	98.0	98.4	104.3	10
A10753	060	220,000	182,000	98.4	100.8	90.9	97.8	98.5	104.2	10
A10754	059	202,000	182,000	98.7	100.5	88.6	97.3	98.5	103.9	10
A10755	055	192,000	182,000	98.8	100.3	87.3	97.0	98.5	103.7	10

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A-1D**

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.	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	
A69887	082	242,000	182,000	98.1	101.2	94.0	98.3	98.5	104.5	10
A69888	081	242,000	182,000	98.1	101.2	94.0	98.3	98.5	104.5	10
A69889	083	240,000	182,000	98.2	101.1	93.7	98.3	98.5	104.5	10
A69890	080	238,000	182,000	98.2	101.1	93.4	98.2	98.5	104.4	10
A70510	064	217,000	182,000	98.5	100.8	90.6	97.7	98.5	104.1	10
A70509	063	192,000	182,000	98.8	100.3	87.3	97.0	98.5	103.7	10

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4170**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **57168 or 58327 (“Advantage 70” performance kit)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A10739	058	238,000	182,000	98.6	101.1	92.7	98.2	98.5	104.4	-
A16480	062	238,000	182,000	98.6	101.1	92.7	98.2	98.5	104.4	-
A10738	057	236,000	182,000	98.6	101.1	92.4	98.2	98.5	104.4	-
A10736	022	233,000	182,000	98.7	101.0	92.1	98.1	98.5	104.4	-
A10737	052	233,000	182,000	98.7	101.0	92.1	98.1	98.5	104.4	-
A10734	056	233,000	180,000	98.7	101.0	92.1	98.1	98.4	104.4	-
A10735	023	233,000	180,000	98.7	101.0	92.1	98.1	98.4	104.4	-
A10732	021	230,000	182,000	98.7	101.0	91.7	98.0	98.5	104.3	-
A10733	054	230,000	182,000	98.7	101.0	91.7	98.0	98.5	104.3	-
A15161	061	230,000	182,000	98.7	101.0	91.7	98.0	98.5	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4170**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **57168 or 58327 (“Advantage 70” performance kit)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A10730	050	230,000	180,000	98.7	101.0	91.7	98.0	98.4	104.3	-
A10731	020	230,000	180,000	98.7	101.0	91.7	98.0	98.4	104.3	-
A10728	060	220,000	182,000	98.8	100.8	90.4	97.8	98.5	104.2	-
A10727	059	202,000	182,000	99.1	100.5	88.1	97.3	98.5	103.9	-
A10726	055	192,000	182,000	99.2	100.3	86.8	97.0	98.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4170**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **57168 or 58327 (“Advantage 70” performance kit)**

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

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	
A69878	082	242,000	182,000	98.5	101.2	93.3	98.3	98.5	104.5	-
A69879	081	242,000	182,000	98.5	101.2	93.3	98.3	98.5	104.5	-
A69880	083	240,000	182,000	98.6	101.1	93.0	98.3	98.5	104.5	-
A69881	080	238,000	182,000	98.6	101.1	92.7	98.2	98.5	104.4	-
A70500	064	217,000	182,000	98.9	100.8	90.0	97.7	98.5	104.1	-
A70499	063	192,000	182,000	99.2	100.3	86.8	97.0	98.5	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223F**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202393 (Engine intermix)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69013	002	233,000	187,000	98.3	101.0	92.7	98.1	98.8	104.4	11
A69014	000	233,000	182,000	98.3	101.0	92.7	98.1	98.6	104.4	11
A69015	001	227,000	187,000	98.3	100.9	91.9	98.0	98.8	104.3	11

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223F**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A-1D**

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 5 / Amendment 9** Chapter¹ **4**

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	
A17907	002	233,000	187,000	98.3	101.0	92.7	98.1	98.8	104.4	12
A17908	000	233,000	182,000	98.3	101.0	92.7	98.1	98.6	104.4	12
A17909	001	227,000	187,000	98.3	100.9	91.9	98.0	98.8	104.3	12

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-223F**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4170**

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 5 / Amendment 9** Chapter¹ **4**

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	
A15448	002	233,000	187,000	98.7	101.0	92.1	98.1	98.8	104.4	-
A14212	000	233,000	182,000	98.7	101.0	92.1	98.1	98.6	104.4	-
A14213	001	227,000	187,000	98.7	100.9	91.3	98.0	98.8	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-243**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772B-60**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **EP Package**

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	
A69819	081	242,000	182,000	97.3	101.1	91.9	98.3	96.9	104.5	-
A69820	082	242,000	182,000	97.3	101.1	91.9	98.3	96.9	104.5	-
A69821	083	240,000	182,000	97.4	101.1	91.6	98.3	96.9	104.5	-
A15096	058	238,000	182,000	97.4	101.1	91.3	98.2	96.9	104.5	-
A69822	080	238,000	182,000	97.4	101.1	91.3	98.2	96.9	104.5	-
A71851	062	238,000	182,000	97.4	101.1	91.3	98.2	96.9	104.5	-
A15097	057	236,000	182,000	97.4	101.1	91.1	98.2	96.9	104.4	-
A15098	022	233,000	182,000	97.4	101.0	90.7	98.1	96.9	104.4	-
A15099	052	233,000	182,000	97.4	101.0	90.7	98.1	96.9	104.4	-
A15100	023	233,000	180,000	97.4	101.0	90.7	98.1	96.8	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-243**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772B-60**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **EP Package**

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	
A15101	056	233,000	180,000	97.4	101.0	90.7	98.1	96.8	104.4	-
A15102	021	230,000	182,000	97.5	101.0	90.2	98.0	96.9	104.3	-
A15103	054	230,000	182,000	97.5	101.0	90.2	98.0	96.9	104.3	-
A15104	061	230,000	182,000	97.5	101.0	90.2	98.0	96.9	104.3	-
A15105	020	230,000	180,000	97.5	101.0	90.2	98.0	96.8	104.3	-
A15106	050	230,000	180,000	97.5	101.0	90.2	98.0	96.8	104.3	-
A15107	025	220,000	182,000	97.6	100.8	88.9	97.8	96.9	104.2	-
A15108	060	220,000	182,000	97.6	100.8	88.9	97.8	96.9	104.2	-
A15109	027	220,000	180,000	97.6	100.8	88.9	97.8	96.8	104.2	-
A15110	059	202,000	182,000	97.9	100.5	86.6	97.3	96.9	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-243**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772B-60**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **EP Package**

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	
A15111	024	202,000	180,000	97.9	100.5	86.6	97.3	96.8	103.9	-
A15112	055	192,000	182,000	98.1	100.3	85.4	97.0	96.9	103.7	-
A15113	026	192,000	180,000	98.1	100.3	85.4	97.0	96.8	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-243**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772B-60**

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 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	
A69815	081	242,000	182,000	97.3	101.1	91.9	98.3	96.9	104.5	-
A69816	082	242,000	182,000	97.3	101.1	91.9	98.3	96.9	104.5	-
A69817	083	240,000	182,000	97.4	101.1	91.6	98.3	96.9	104.5	-
A69818	080	238,000	182,000	97.4	101.1	91.3	98.2	96.9	104.5	-
A71850	062	238,000	182,000	97.4	101.1	91.3	98.2	96.9	104.5	-
A8055	058	238,000	182,000	97.4	101.1	91.3	98.2	96.9	104.5	-
A8054	057	236,000	182,000	97.4	101.1	91.1	98.2	96.9	104.4	-
A847	022	233,000	182,000	97.4	101.0	90.7	98.1	96.9	104.4	-
A852	052	233,000	182,000	97.4	101.0	90.7	98.1	96.9	104.4	-
A8053	056	233,000	180,000	97.4	101.0	90.7	98.1	96.8	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-243**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772B-60**

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 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	
A848	023	233,000	180,000	97.4	101.0	90.7	98.1	96.8	104.4	-
A10788	054	230,000	182,000	97.5	101.0	90.2	98.0	96.9	104.3	-
A15077	061	230,000	182,000	97.5	101.0	90.2	98.0	96.9	104.3	-
A846	021	230,000	182,000	97.5	101.0	90.2	98.0	96.9	104.3	-
A845	020	230,000	180,000	97.5	101.0	90.2	98.0	96.8	104.3	-
A851	050	230,000	180,000	97.5	101.0	90.2	98.0	96.8	104.3	-
A8057	060	220,000	182,000	97.6	100.8	88.9	97.8	96.9	104.2	-
A850	025	220,000	182,000	97.6	100.8	88.9	97.8	96.9	104.2	-
A8051	027	220,000	180,000	97.6	100.8	88.9	97.8	96.8	104.2	-
A8056	059	202,000	182,000	97.9	100.5	86.6	97.3	96.9	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-243**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772B-60**

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 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	
A849	024	202,000	180,000	97.9	100.5	86.6	97.3	96.8	103.9	-
A8052	055	192,000	182,000	98.1	100.3	85.4	97.0	96.9	103.7	-
A8050	026	192,000	180,000	98.1	100.3	85.4	97.0	96.8	103.7	-
A69840	057	184,000	174,000	98.2	100.1	84.4	96.7	96.7	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-243**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772C-60**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **54940 (Increased hot and high rating)**

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	
A69799	081	242,000	182,000	97.3	101.1	91.9	98.3	96.9	104.5	-
A69800	082	242,000	182,000	97.3	101.1	91.9	98.3	96.9	104.5	-
A69801	083	240,000	182,000	97.4	101.1	91.6	98.3	96.9	104.5	-
A16491	062	238,000	182,000	97.4	101.1	91.3	98.2	96.9	104.5	-
A69802	080	238,000	182,000	97.4	101.1	91.3	98.2	96.9	104.5	-
A8071	058	238,000	182,000	97.4	101.1	91.3	98.2	96.9	104.5	-
A8070	057	236,000	182,000	97.4	101.1	91.1	98.2	96.9	104.4	-
A6653	022	233,000	182,000	97.4	101.0	90.7	98.1	96.9	104.4	-
A6654	052	233,000	182,000	97.4	101.0	90.7	98.1	96.9	104.4	-
A6655	023	233,000	180,000	97.4	101.0	90.7	98.1	96.8	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-243**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772C-60**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **54940 (Increased hot and high rating)**

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	
A8069	056	233,000	180,000	97.4	101.0	90.7	98.1	96.8	104.4	-
A10790	054	230,000	182,000	97.5	101.0	90.2	98.0	96.9	104.3	-
A15114	061	230,000	182,000	97.5	101.0	90.2	98.0	96.9	104.3	-
A6656	021	230,000	182,000	97.5	101.0	90.2	98.0	96.9	104.3	-
A6657	020	230,000	180,000	97.5	101.0	90.2	98.0	96.8	104.3	-
A6658	050	230,000	180,000	97.5	101.0	90.2	98.0	96.8	104.3	-
A6659	025	220,000	182,000	97.6	100.8	88.9	97.8	96.9	104.2	-
A8073	060	220,000	182,000	97.6	100.8	88.9	97.8	96.9	104.2	-
A8067	027	220,000	180,000	97.6	100.8	88.9	97.8	96.8	104.2	-
A8072	059	202,000	182,000	97.9	100.5	86.6	97.3	96.9	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-243**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772C-60**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **54940 (Increased hot and high rating)**

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	
A6660	024	202,000	180,000	97.9	100.5	86.6	97.3	96.8	103.9	-
A8068	055	192,000	182,000	98.1	100.3	85.4	97.0	96.9	103.7	-
A8066	026	192,000	180,000	98.1	100.3	85.4	97.0	96.8	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-243**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772C-60**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **54940 (Increased hot and high rating, EP package)**

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	
A69803	081	242,000	182,000	97.3	101.1	91.9	98.3	96.9	104.5	-
A69804	082	242,000	182,000	97.3	101.1	91.9	98.3	96.9	104.5	-
A69805	083	240,000	182,000	97.4	101.1	91.6	98.3	96.9	104.5	-
A15115	058	238,000	182,000	97.4	101.1	91.3	98.2	96.9	104.5	-
A16501	062	238,000	182,000	97.4	101.1	91.3	98.2	96.9	104.5	-
A69806	080	238,000	182,000	97.4	101.1	91.3	98.2	96.9	104.5	-
A15116	057	236,000	182,000	97.4	101.1	91.1	98.2	96.9	104.4	-
A15117	022	233,000	182,000	97.4	101.0	90.7	98.1	96.9	104.4	-
A15118	052	233,000	182,000	97.4	101.0	90.7	98.1	96.9	104.4	-
A15119	023	233,000	180,000	97.4	101.0	90.7	98.1	96.8	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-243**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772C-60**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **54940 (Increased hot and high rating, EP package)**

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	
A15120	056	233,000	180,000	97.4	101.0	90.7	98.1	96.8	104.4	-
A15121	021	230,000	182,000	97.5	101.0	90.2	98.0	96.9	104.3	-
A15122	054	230,000	182,000	97.5	101.0	90.2	98.0	96.9	104.3	-
A15123	061	230,000	182,000	97.5	101.0	90.2	98.0	96.9	104.3	-
A15124	020	230,000	180,000	97.5	101.0	90.2	98.0	96.8	104.3	-
A15125	050	230,000	180,000	97.5	101.0	90.2	98.0	96.8	104.3	-
A15126	025	220,000	182,000	97.6	100.8	88.9	97.8	96.9	104.2	-
A15127	060	220,000	182,000	97.6	100.8	88.9	97.8	96.9	104.2	-
A15128	027	220,000	180,000	97.6	100.8	88.9	97.8	96.8	104.2	-
A15129	059	202,000	182,000	97.9	100.5	86.6	97.3	96.9	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-243**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772C-60**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **54940 (Increased hot and high rating, EP package)**

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	
A15130	024	202,000	180,000	97.9	100.5	86.6	97.3	96.8	103.9	-
A15131	055	192,000	182,000	98.1	100.3	85.4	97.0	96.9	103.7	-
A15132	026	192,000	180,000	98.1	100.3	85.4	97.0	96.8	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-243F**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772B-60**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **EP Package**

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	
A73952	002	233,000	187,000	97.4	101.0	90.7	98.1	97.1	104.4	-
A73950	000	233,000	182,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A14209	001	227,000	187,000	97.5	100.9	89.8	98.0	97.1	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-243F**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772B-60**

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 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	
A73951	002	233,000	187,000	97.4	101.0	90.7	98.1	97.1	104.4	-
A73949	000	233,000	182,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A14208	001	227,000	187,000	97.5	100.9	89.8	98.0	97.1	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-301**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

200946 (Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))

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

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	
A18139	010	217,000	179,000	97.3	100.8	91.0	97.7	99.4	104.1	-
A18140	003	215,000	177,000	97.3	100.7	90.7	97.6	99.3	104.1	-
A18141	004	215,000	177,000	97.3	100.7	90.7	97.6	99.3	104.1	-
A18142	051	212,000	187,000	97.3	100.7	90.3	97.6	99.6	104.1	-
A18143	002	212,000	177,000	97.3	100.7	90.3	97.6	99.3	104.1	-
A18144	000	212,000	174,000	97.3	100.7	90.3	97.6	99.2	104.1	-
A18145	001	184,000	174,000	97.8	100.1	86.5	96.7	99.2	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-301**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **202477 (Installation of acoustically treated thrust reverser bifurcations)**

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

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	
A68986	010	217,000	179,000	97.8	100.8	91.6	97.7	98.9	104.1	2
A68987	003	215,000	177,000	97.8	100.7	91.4	97.6	98.8	104.1	2
A68988	004	215,000	177,000	97.8	100.7	91.4	97.6	98.8	104.1	2
A68989	051	212,000	187,000	97.9	100.7	91.0	97.6	99.1	104.1	2
A68990	002	212,000	177,000	97.9	100.7	91.0	97.6	98.8	104.1	2
A68991	000	212,000	174,000	97.9	100.7	91.0	97.6	98.8	104.1	2
A68994	001	184,000	174,000	98.3	100.1	87.4	96.7	98.8	103.6	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-301**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

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

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	
A18968	010	217,000	179,000	97.8	100.8	91.6	97.7	99.4	104.1	3
A18969	003	215,000	177,000	97.8	100.7	91.4	97.6	99.3	104.1	3
A18970	004	215,000	177,000	97.8	100.7	91.4	97.6	99.3	104.1	3
A18971	051	212,000	187,000	97.9	100.7	91.0	97.6	99.6	104.1	3
A18972	002	212,000	177,000	97.9	100.7	91.0	97.6	99.3	104.1	3
A18973	000	212,000	174,000	97.9	100.7	91.0	97.6	99.2	104.1	3
A18976	001	184,000	174,000	98.3	100.1	87.4	96.7	99.2	103.6	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-301**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202954 (Engine intermix, both engines with treated forward fancase, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A68995	010	217,000	179,000	97.8	100.8	91.6	97.7	98.9	104.1	2
A68996	003	215,000	177,000	97.8	100.7	91.4	97.6	98.8	104.1	2
A68997	004	215,000	177,000	97.8	100.7	91.4	97.6	98.8	104.1	2
A68998	051	212,000	187,000	97.9	100.7	91.0	97.6	99.1	104.1	2
A68999	002	212,000	177,000	97.9	100.7	91.0	97.6	98.8	104.1	2
A69000	000	212,000	174,000	97.9	100.7	91.0	97.6	98.8	104.1	2
A69003	001	184,000	174,000	98.3	100.1	87.4	96.7	98.8	103.6	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-301**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A18977	010	217,000	179,000	97.8	100.8	91.6	97.7	99.4	104.1	-
A18978	003	215,000	177,000	97.8	100.7	91.4	97.6	99.3	104.1	-
A18979	004	215,000	177,000	97.8	100.7	91.4	97.6	99.3	104.1	-
A18980	051	212,000	187,000	97.9	100.7	91.0	97.6	99.6	104.1	-
A18981	002	212,000	177,000	97.9	100.7	91.0	97.6	99.3	104.1	-
A18982	000	212,000	174,000	97.9	100.7	91.0	97.6	99.2	104.1	-
A18985	001	184,000	174,000	98.3	100.1	87.4	96.7	99.2	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-301**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

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.	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	
A2889	010	217,000	179,000	97.8	100.8	91.6	97.7	98.9	104.1	-
A2890	003	215,000	177,000	97.8	100.7	91.4	97.6	98.8	104.1	-
A2891	004	215,000	177,000	97.8	100.7	91.4	97.6	98.8	104.1	-
A2892	051	212,000	187,000	97.9	100.7	91.0	97.6	99.1	104.1	-
A2893	002	212,000	177,000	97.9	100.7	91.0	97.6	98.8	104.1	-
A2894	000	212,000	174,000	97.9	100.7	91.0	97.6	98.8	104.1	-
A2895	001	184,000	174,000	98.3	100.1	87.4	96.7	98.8	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

200946 (Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))

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

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	
A70496	052	233,000	187,000	96.7	101.0	93.9	98.1	99.6	104.4	-
A70306	050	230,000	185,000	96.9	101.0	93.0	98.0	99.6	104.3	-
A70307	039	217,000	187,000	97.3	100.8	91.0	97.7	99.6	104.1	-
A70308	035	205,000	187,000	97.4	100.5	89.3	97.4	99.6	103.9	-
A70309	034	205,000	185,000	97.4	100.5	89.3	97.4	99.6	103.9	-
A70310	031	199,000	187,000	97.5	100.4	88.5	97.2	99.6	103.8	-
A70311	030	199,000	185,000	97.5	100.4	88.5	97.2	99.6	103.8	-
A70312	033	190,000	187,000	97.7	100.3	87.2	96.9	99.6	103.7	-
A70313	032	190,000	185,000	97.7	100.3	87.2	96.9	99.6	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **202477 (Installation of acoustically treated thrust reverser bifurcations)**

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

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	
A70323	052	233,000	187,000	97.2	101.0	94.4	98.1	99.1	104.4	2
A70324	050	230,000	185,000	97.4	101.0	93.6	98.0	99.0	104.3	2
A70325	039	217,000	187,000	97.8	100.8	91.6	97.7	99.1	104.1	2
A70326	035	205,000	187,000	98.0	100.5	90.0	97.4	99.1	103.9	2
A70327	034	205,000	185,000	98.0	100.5	90.0	97.4	99.0	103.9	2
A70328	031	199,000	187,000	98.1	100.4	89.2	97.2	99.1	103.8	2
A70329	030	199,000	185,000	98.1	100.4	89.2	97.2	99.0	103.8	2
A70330	033	190,000	187,000	98.2	100.3	88.1	96.9	99.1	103.7	2
A70331	032	190,000	185,000	98.2	100.3	88.1	96.9	99.0	103.7	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

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

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	
A70379	052	233,000	187,000	97.2	101.0	94.4	98.1	99.6	104.4	3
A70380	050	230,000	185,000	97.4	101.0	93.6	98.0	99.6	104.3	3
A70381	039	217,000	187,000	97.8	100.8	91.6	97.7	99.6	104.1	3
A70382	035	205,000	187,000	98.0	100.5	90.0	97.4	99.6	103.9	3
A70383	034	205,000	185,000	98.0	100.5	90.0	97.4	99.6	103.9	3
A70384	031	199,000	187,000	98.1	100.4	89.2	97.2	99.6	103.8	3
A70385	030	199,000	185,000	98.1	100.4	89.2	97.2	99.6	103.8	3
A70386	033	190,000	187,000	98.2	100.3	88.1	96.9	99.6	103.7	3
A70387	032	190,000	185,000	98.2	100.3	88.1	96.9	99.6	103.7	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202954 (Engine intermix, both engines with treated forward fancase, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A70332	052	233,000	187,000	97.2	101.0	94.4	98.1	99.1	104.4	2
A70333	050	230,000	185,000	97.4	101.0	93.6	98.0	99.0	104.3	2
A70334	039	217,000	187,000	97.8	100.8	91.6	97.7	99.1	104.1	2
A70335	035	205,000	187,000	98.0	100.5	90.0	97.4	99.1	103.9	2
A70336	034	205,000	185,000	98.0	100.5	90.0	97.4	99.0	103.9	2
A70337	031	199,000	187,000	98.1	100.4	89.2	97.2	99.1	103.8	2
A70338	030	199,000	185,000	98.1	100.4	89.2	97.2	99.0	103.8	2
A70339	033	190,000	187,000	98.2	100.3	88.1	96.9	99.1	103.7	2
A70340	032	190,000	185,000	98.2	100.3	88.1	96.9	99.0	103.7	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A70370	052	233,000	187,000	97.8	101.0	91.6	98.1	99.4	104.4	-
A70371	050	230,000	185,000	97.8	101.0	91.4	98.0	99.3	104.3	-
A70372	039	217,000	187,000	97.8	100.8	91.4	97.7	99.3	104.1	-
A70373	035	205,000	187,000	97.9	100.5	91.0	97.4	99.6	103.9	-
A70374	034	205,000	185,000	97.9	100.5	91.0	97.4	99.3	103.9	-
A70375	031	199,000	187,000	97.9	100.4	91.0	97.2	99.2	103.8	-
A70376	030	199,000	185,000	97.9	100.4	90.9	97.2	99.5	103.8	-
A70377	033	190,000	187,000	97.9	100.3	90.6	96.9	99.5	103.7	-
A70378	032	190,000	185,000	98.3	100.3	87.4	96.9	99.2	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A2**

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.	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	
A70341	052	233,000	187,000	97.2	101.0	94.4	98.1	99.1	104.4	-
A70342	050	230,000	185,000	97.4	101.0	93.6	98.0	99.0	104.3	-
A70343	039	217,000	187,000	97.8	100.8	91.6	97.7	99.1	104.1	-
A70344	035	205,000	187,000	98.0	100.5	90.0	97.4	99.1	103.9	-
A70345	034	205,000	185,000	98.0	100.5	90.0	97.4	99.0	103.9	-
A70346	031	199,000	187,000	98.1	100.4	89.2	97.2	99.1	103.8	-
A70347	030	199,000	185,000	98.1	100.4	89.2	97.2	99.0	103.8	-
A70348	033	190,000	187,000	98.2	100.3	88.1	96.9	99.1	103.7	-
A70349	032	190,000	185,000	98.2	100.3	88.1	96.9	99.0	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

200946 (Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))

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

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	
A70154	081	242,000	187,000	98.1	101.2	93.1	98.3	99.6	104.5	-
A70155	082	242,000	187,000	98.1	101.2	93.1	98.3	99.6	104.5	-
A70156	083	240,000	187,000	98.2	101.1	92.9	98.3	99.6	104.5	-
A70157	080	238,000	187,000	98.2	101.1	92.6	98.2	99.6	104.4	-
A18066	054	235,000	187,000	98.3	101.0	92.1	98.2	99.6	104.4	-
A18067	055	235,000	187,000	98.3	101.0	92.1	98.2	99.6	104.4	-
A18068	052	233,000	187,000	98.3	101.0	91.8	98.1	99.6	104.4	-
A18069	050	230,000	185,000	98.3	101.0	91.5	98.0	99.6	104.3	-
A18070	056	205,000	187,000	98.7	100.5	88.5	97.4	99.6	103.9	-
A18071	053	205,000	185,000	98.7	100.5	88.2	97.4	99.6	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **202477 (Installation of acoustically treated thrust reverser bifurcations)**

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

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	
A70228	082	242,000	182,000	98.8	101.2	93.6	98.3	99.1	104.5	2
A70229	081	240,000	182,000	98.8	101.1	93.6	98.3	99.1	104.5	2
A70230	083	240,000	182,000	98.9	101.1	93.3	98.3	99.1	104.5	2
A70231	080	238,000	182,000	99.0	101.1	93.1	98.2	99.1	104.4	2
A69107	054	235,000	187,000	99.0	101.0	92.7	98.2	99.1	104.4	2
A69108	055	235,000	187,000	99.0	101.0	92.7	98.2	99.1	104.4	2
A69109	052	233,000	187,000	99.0	101.0	92.5	98.1	99.1	104.4	2
A69110	050	230,000	185,000	99.1	101.0	92.1	98.0	99.1	104.3	2
A69111	056	205,000	187,000	99.4	100.5	88.9	97.4	99.1	103.9	2
A69112	053	205,000	185,000	99.4	100.5	88.9	97.4	99.1	103.9	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69150	054	235,000	187,000	99.0	101.0	92.7	98.2	99.6	104.4	3
A69151	055	235,000	187,000	99.0	101.0	92.7	98.2	99.6	104.4	3
A69152	052	233,000	187,000	99.0	101.0	92.5	98.1	99.6	104.4	3
A69153	050	230,000	185,000	99.1	101.0	92.1	98.0	99.6	104.3	3
A69154	056	205,000	187,000	99.4	100.5	88.9	97.4	99.6	103.9	3
A69155	053	205,000	185,000	99.4	100.5	88.9	97.4	99.6	103.9	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

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

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	
A70205	081	242,000	187,000	98.8	101.2	93.6	98.3	99.6	104.5	3
A70206	082	242,000	187,000	98.8	101.2	93.6	98.3	99.6	104.5	3
A70207	083	240,000	187,000	98.9	101.1	93.3	98.3	99.6	104.5	3
A70208	080	238,000	187,000	99.0	101.1	93.1	98.2	99.6	104.4	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202954 (Engine intermix, both engines with treated forward fancase, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A70232	082	242,000	182,000	98.8	101.2	93.6	98.3	99.1	104.5	2
A70233	081	242,000	182,000	98.8	101.2	93.6	98.3	99.1	104.5	2
A70234	083	240,000	182,000	98.9	101.1	93.3	98.3	99.1	104.5	2
A70235	080	238,000	182,000	99.0	101.1	93.1	98.2	99.1	104.4	2
A69100	054	235,000	187,000	99.0	101.0	92.7	98.2	99.1	104.4	-
A69101	055	235,000	187,000	99.0	101.0	92.7	98.2	99.1	104.4	-
A69102	052	233,000	187,000	99.0	101.0	92.5	98.1	99.1	104.4	-
A69103	050	230,000	185,000	99.1	101.0	92.1	98.0	99.1	104.3	-
A69104	056	205,000	187,000	99.4	100.5	88.9	97.4	99.1	103.9	-
A69105	053	205,000	185,000	99.4	100.5	88.9	97.4	99.1	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69157	054	235,000	187,000	99.0	101.0	92.7	98.2	99.6	104.4	-
A69158	055	235,000	187,000	99.0	101.0	92.7	98.2	99.6	104.4	-
A69159	052	233,000	187,000	99.0	101.0	92.5	98.1	99.6	104.4	-
A69160	050	230,000	185,000	99.1	101.0	92.1	98.0	99.6	104.3	-
A69161	056	205,000	187,000	99.4	100.5	88.9	97.4	99.6	103.9	-
A69162	053	205,000	185,000	99.4	100.5	88.9	97.4	99.6	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A70211	081	242,000	187,000	98.8	101.2	93.6	98.3	99.6	104.5	-
A70212	082	242,000	187,000	98.8	101.2	93.6	98.3	99.6	104.5	-
A70213	083	240,000	187,000	98.9	101.1	93.3	98.3	99.6	104.5	-
A70214	080	238,000	187,000	99.0	101.1	93.1	98.2	99.6	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4**

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.	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	
A70237	082	242,000	187,000	98.8	101.2	93.6	98.3	99.1	104.5	-
A70238	081	242,000	187,000	98.8	101.2	93.6	98.3	99.1	104.5	-
A70239	083	240,000	182,000	98.9	101.1	93.3	98.3	99.1	104.5	-
A70240	080	238,000	182,000	99.0	101.1	93.1	98.2	99.1	104.4	-
A16530	055	235,000	187,000	99.0	101.0	92.7	98.2	99.1	104.4	-
A16531	054	235,000	187,000	99.0	101.0	92.7	98.2	99.1	104.4	-
A6580	052	233,000	187,000	99.0	101.0	92.5	98.1	99.1	104.4	-
A6579	050	230,000	185,000	99.1	101.0	92.1	98.0	99.1	104.3	-
A70086	056	205,000	187,000	99.4	100.5	88.9	97.4	99.1	103.9	-
A6577	053	205,000	185,000	99.4	100.5	88.9	97.4	99.1	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **52776 (Thrust bump to CF6-80E1A3 rating)**

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

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	
A70278	082	242,000	187,000	99.6	101.2	92.4	98.3	99.1	104.5	7
A70279	081	242,000	187,000	99.6	101.2	92.4	98.3	99.1	104.5	7
A70280	083	240,000	187,000	99.6	101.1	92.4	98.3	99.1	104.5	7
A70281	080	238,000	187,000	99.6	101.1	92.4	98.2	99.1	104.4	7
A18128	054	235,000	187,000	99.6	101.0	92.4	98.2	99.1	104.4	7
A18129	055	235,000	187,000	99.6	101.0	92.4	98.2	99.1	104.4	7
A6706	052	233,000	187,000	99.6	101.0	92.1	98.1	99.1	104.4	7
A6708	050	230,000	185,000	99.7	101.0	91.8	98.0	99.1	104.3	7
A70087	056	205,000	187,000	100.1	100.5	88.7	97.4	99.1	103.9	7
A8082	053	205,000	185,000	100.1	100.5	88.7	97.4	99.1	103.9	7

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

52776, 200946 (Thrust bump, Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))

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

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	
A70185	082	242,000	187,000	98.6	101.2	92.8	98.3	99.6	104.5	-
A70186	081	242,000	187,000	98.6	101.2	92.8	98.3	99.6	104.5	-
A70187	083	242,000	187,000	98.7	101.2	92.5	98.3	99.6	104.5	-
A18132	083	240,000	187,000	98.7	101.1	92.5	98.3	99.6	104.5	-
A18133	054	235,000	187,000	98.7	101.0	91.8	98.2	99.6	104.4	-
A18134	055	235,000	187,000	98.7	101.0	91.8	98.2	99.6	104.4	-
A18135	052	233,000	187,000	98.7	101.0	91.5	98.1	99.6	104.4	-
A18136	050	230,000	185,000	98.8	101.0	91.2	98.0	99.6	104.3	-
A18137	056	205,000	187,000	99.1	100.5	88.0	97.4	99.6	103.9	-
A18138	053	205,000	185,000	99.1	100.5	88.0	97.4	99.6	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **52776, 202477 (Thrust bump to CF6-80E1A3 rating, Installation of acoustically treated thrust reverser bifurcations)**

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

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	
A70269	082	242,000	187,000	99.6	101.2	92.4	98.3	99.1	104.5	8
A70270	081	242,000	187,000	99.6	101.2	92.4	98.3	99.1	104.5	8
A70271	083	240,000	187,000	99.6	101.1	92.4	98.3	99.1	104.5	8
A70272	080	238,000	187,000	99.6	101.1	92.4	98.2	99.1	104.4	8
A69327	054	235,000	187,000	99.6	101.0	92.4	98.2	99.1	104.4	8
A69328	055	235,000	187,000	99.6	101.0	92.4	98.2	99.1	104.4	8
A69329	052	233,000	187,000	99.6	101.0	92.1	98.1	99.1	104.4	8
A69330	050	230,000	185,000	99.7	101.0	91.8	98.0	99.1	104.3	8
A69331	056	205,000	187,000	100.1	100.5	88.7	97.4	99.1	103.9	8
A69332	053	205,000	185,000	100.1	100.5	88.7	97.4	99.1	103.9	8

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **52776, 202689 (Thrust bump to CF6-80E1A3 rating, Installation of improved hardwall forward fan case)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69232	054	235,000	187,000	99.6	101.0	92.8	98.2	99.6	104.4	9
A69233	055	235,000	187,000	99.6	101.0	92.8	98.2	99.6	104.4	9
A69234	052	233,000	187,000	99.6	101.0	92.1	98.1	99.6	104.4	9
A69235	050	230,000	185,000	99.7	101.0	91.8	98.0	99.6	104.3	9
A69236	056	205,000	187,000	100.1	100.5	88.7	97.4	99.6	103.9	9
A69237	053	205,000	185,000	100.1	100.5	88.7	97.4	99.6	103.9	9

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **52776, 202689 (Thrust bump to CF6-80E1A3 rating, Installation of improved hardwall forward fan case)**

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

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	
A70125	081	242,000	187,000	99.5	101.2	93.3	98.3	99.6	104.5	9
A70126	082	242,000	187,000	99.5	101.2	93.3	98.3	99.6	104.5	9
A70127	083	240,000	187,000	99.5	101.1	93.0	98.3	99.6	104.5	9
A70128	080	238,000	187,000	99.6	101.1	92.8	98.2	99.6	104.4	9

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

52776, 202954 (Thrust bump to CF6-80E1A3 rating, Engine intermix, both engines with treated forward fan case, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A70274	082	242,000	187,000	99.6	101.2	92.4	98.3	99.1	104.5	8
A70275	081	242,000	187,000	99.6	101.2	92.4	98.3	99.1	104.5	8
A70276	083	240,000	187,000	99.6	101.1	92.4	98.3	99.1	104.5	8
A70277	080	238,000	187,000	99.6	101.1	92.4	98.2	99.1	104.4	8
A69334	054	235,000	187,000	99.6	101.0	92.4	98.2	99.1	104.4	8
A69335	055	235,000	187,000	99.6	101.0	92.4	98.2	99.1	104.4	8
A69336	052	233,000	187,000	99.6	101.0	92.1	98.1	99.1	104.4	8
A69337	050	230,000	185,000	99.7	101.0	91.8	98.0	99.1	104.3	8
A69338	056	205,000	187,000	100.1	100.5	88.7	97.4	99.1	103.9	8
A69339	053	205,000	185,000	100.1	100.5	88.7	97.4	99.1	103.9	8

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

52776, 202955 (Thrust bump to CF6-80E1A3 rating, Engine intermix, one or both engines with improved hardwall forward fan case (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69239	054	235,000	187,000	99.6	101.0	92.8	98.2	99.6	104.4	7
A69240	055	235,000	187,000	99.6	101.0	92.8	98.2	99.6	104.4	7
A69241	052	233,000	187,000	99.6	101.0	92.1	98.1	99.6	104.4	7
A69242	050	230,000	185,000	99.7	101.0	91.8	98.0	99.6	104.3	7
A69243	056	205,000	187,000	100.1	100.5	88.7	97.4	99.6	103.9	7
A69245	053	205,000	185,000	100.1	100.5	88.7	97.4	99.6	103.9	7

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-302**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A4/B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

52776, 202955 (Thrust bump to CF6-80E1A3 rating, Engine intermix, one or both engines with improved hardwall forward fan case (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A70129	081	242,000	187,000	99.5	101.2	93.3	98.3	99.6	104.5	7
A70130	082	242,000	187,000	99.5	101.2	93.3	98.3	99.6	104.5	7
A70131	083	240,000	187,000	99.5	101.1	93.0	98.3	99.6	104.5	7
A70132	080	238,000	187,000	99.6	101.1	92.8	98.2	99.6	104.4	7

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-303**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

200946 (Installation of acoustically treated thrust reverser bifurcations (Mod 202477) and improved hardwall forward fan case (Mod 202689))

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

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	
A70189	082	242,000	187,000	98.6	101.2	92.8	98.3	99.6	104.5	-
A70190	081	242,000	187,000	98.6	101.2	92.8	98.3	99.6	104.5	-
A70191	083	242,000	187,000	98.7	101.2	92.5	98.3	99.6	104.5	-
A70192	080	242,000	187,000	98.7	101.2	92.2	98.3	99.6	104.5	-
A18089	054	235,000	187,000	98.7	101.0	91.8	98.2	99.6	104.4	-
A18090	055	235,000	187,000	98.7	101.0	91.8	98.2	99.6	104.4	-
A18091	052	233,000	187,000	98.7	101.0	91.5	98.1	99.6	104.4	-
A18092	050	230,000	185,000	98.8	101.0	91.2	98.0	99.6	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-303**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **202477 (Installation of acoustically treated thrust reverser bifurcations)**

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

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	
A70285	082	242,000	187,000	99.6	101.2	92.4	98.3	99.1	104.5	2
A70286	081	242,000	187,000	99.6	101.2	92.4	98.3	99.1	104.5	2
A70287	083	240,000	187,000	99.6	101.1	92.4	98.3	99.1	104.5	2
A70288	080	238,000	187,000	99.6	101.1	92.4	98.2	99.1	104.4	2
A69341	054	235,000	187,000	99.6	101.0	92.4	98.2	99.1	104.4	2
A69342	055	235,000	187,000	99.6	101.0	92.4	98.2	99.1	104.4	2
A69343	052	233,000	187,000	99.6	101.0	92.1	98.1	99.1	104.4	2
A69344	050	230,000	185,000	99.7	101.0	91.8	98.0	99.1	104.3	2
A69345	056	205,000	187,000	100.1	100.5	88.7	97.4	99.1	103.9	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-303**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69246	083	240,000	187,000	99.5	101.1	93.0	98.3	99.6	104.5	3
A69247	054	235,000	187,000	99.6	101.0	92.8	98.2	99.6	104.4	3
A69248	055	235,000	187,000	99.6	101.0	92.8	98.2	99.6	104.4	3
A69249	052	233,000	187,000	99.6	101.0	92.1	98.1	99.6	104.4	3
A69250	050	230,000	185,000	99.7	101.0	91.8	98.0	99.6	104.3	3
A69251	056	205,000	187,000	100.1	100.5	88.7	97.4	99.6	103.9	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-303**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **202689 (Installation of improved hardwall forward fan case)**

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

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	
A70139	081	242,000	187,000	99.5	101.2	93.3	98.3	99.6	104.5	3
A70141	083	240,000	187,000	99.5	101.1	93.0	98.3	99.6	104.5	3
A70142	080	238,000	187,000	99.6	101.1	92.8	98.2	99.6	104.4	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-303**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202954 (Engine intermix, both engines with treated forward fancase, one engine with acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A70290	082	242,000	187,000	99.6	101.2	92.4	98.3	99.1	104.5	2
A70291	081	242,000	187,000	99.6	101.2	92.4	98.3	99.1	104.5	2
A70292	083	240,000	187,000	99.6	101.1	92.4	98.3	99.1	104.5	2
A70293	080	238,000	187,000	99.6	101.1	92.4	98.2	99.1	104.4	2
A69347	054	235,000	187,000	99.6	101.0	92.4	98.2	99.1	104.4	2
A69348	055	235,000	187,000	99.6	101.0	92.4	98.2	99.1	104.4	2
A69349	052	233,000	187,000	99.6	101.0	92.1	98.1	99.1	104.4	2
A69350	050	230,000	185,000	99.7	101.0	91.8	98.0	99.1	104.3	2
A69351	056	205,000	187,000	100.1	100.5	88.7	97.4	99.1	103.9	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-303**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A69253	054	235,000	187,000	99.6	101.0	92.8	98.2	99.6	104.4	-
A69254	055	235,000	187,000	99.6	101.0	92.8	98.2	99.6	104.4	-
A69255	052	233,000	187,000	99.6	101.0	92.1	98.1	99.6	104.4	-
A69256	050	230,000	185,000	99.7	101.0	91.8	98.0	99.6	104.3	-
A69257	056	205,000	187,000	100.1	100.5	88.7	97.4	99.6	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-303**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

202955 (Engine intermix, one or both engines with improved hardwall forward fancase (Mod 202689), one or both engines with or without acoustically treated thrust reverser bifurcations (Mod 202477))

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

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	
A70143	081	242,000	187,000	99.5	101.2	93.3	98.3	99.6	104.5	-
A70144	082	242,000	187,000	99.5	101.2	93.3	98.3	99.6	104.5	-
A70145	083	240,000	187,000	99.5	101.1	93.0	98.3	99.6	104.5	-
A70146	080	238,000	187,000	99.6	101.1	92.8	98.2	99.6	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-303**

Engine TC Holder **General Electric Company** Engine Type Designation¹ **CF6-80E1A3**

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.	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	
A70295	082	242,000	187,000	99.6	101.2	92.4	98.3	99.1	104.5	-
A70296	081	242,000	187,000	99.6	101.2	92.4	98.3	99.1	104.5	-
A70297	083	240,000	187,000	99.6	101.1	92.4	98.3	99.1	104.5	-
A70298	080	238,000	187,000	99.6	101.1	92.4	98.2	99.1	104.4	-
A16522	054	235,000	187,000	99.6	101.0	92.4	98.2	99.1	104.4	-
A16523	055	235,000	187,000	99.6	101.0	92.4	98.2	99.1	104.4	-
A5625	052	233,000	187,000	99.6	101.0	92.1	98.1	99.1	104.4	-
A5624	050	230,000	185,000	99.7	101.0	91.8	98.0	99.1	104.3	-
A70088	056	205,000	187,000	100.1	100.5	88.7	97.4	99.1	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-321**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, one engine with part "Advantage 70" performance kit (Mod 57227), one engine with titanium fan containment case and either GB2 fan blades, or GB2C fan blades (Mod 45617) and new fan case (Mod 46313) with or without new intermediate fan case (Mod 47277))

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

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	
A16132	012	218,000	182,000	98.3	100.8	93.6	97.7	98.4	104.2	-
A16133	010	217,000	179,000	98.3	100.8	93.5	97.7	98.3	104.1	-
A16134	003	215,000	177,000	98.3	100.7	93.2	97.6	98.3	104.1	-
A16135	004	215,000	177,000	98.3	100.7	93.2	97.6	98.3	104.1	-
A16136	013	215,000	177,000	98.3	100.7	93.2	97.6	98.3	104.1	-
A16137	002	212,000	177,000	98.4	100.7	92.7	97.6	98.3	104.1	-
A16138	011	212,000	177,000	98.4	100.7	92.7	97.6	98.3	104.1	-
A16139	000	212,000	174,000	98.4	100.7	92.7	97.6	98.1	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-321**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **45617, 46313 (Installation of GB2C fan blades, new fan case design)**

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

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	
A2904	012	218,000	182,000	97.8	100.8	92.1	97.7	98.1	104.2	-
A2905	010	217,000	179,000	97.8	100.8	92.0	97.7	98.0	104.1	-
A2906	003	215,000	177,000	97.8	100.7	91.7	97.6	97.9	104.1	-
A2907	004	215,000	177,000	97.8	100.7	91.7	97.6	97.9	104.1	-
A2908	013	215,000	177,000	97.8	100.7	91.7	97.6	97.9	104.1	-
A2909	002	212,000	177,000	97.9	100.7	91.3	97.6	97.9	104.1	-
A2910	011	212,000	177,000	97.9	100.7	91.3	97.6	97.9	104.1	-
A2911	000	212,000	174,000	97.9	100.7	91.3	97.6	97.8	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-321**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **45617, 46313, 47277 (Installation of GB2C fan blades, new fan case design, new intermediate fan case design)**

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

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	
A2896	012	218,000	182,000	97.8	100.8	92.1	97.7	98.1	104.2	-
A2897	010	217,000	179,000	97.8	100.8	92.0	97.7	98.0	104.1	-
A2898	003	215,000	177,000	97.8	100.7	91.7	97.6	97.9	104.1	-
A2899	004	215,000	177,000	97.8	100.7	91.7	97.6	97.9	104.1	-
A2900	013	215,000	177,000	97.8	100.7	91.7	97.6	97.9	104.1	-
A2901	002	212,000	177,000	97.9	100.7	91.3	97.6	97.9	104.1	-
A2902	011	212,000	177,000	97.9	100.7	91.3	97.6	97.9	104.1	-
A2903	000	212,000	174,000	97.9	100.7	91.3	97.6	97.8	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-321**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

45617, 46313, 54304 (47218, 47277) (Installation of GB2C fan blades, new fan case design, kevlar front and aft fan containment case, new intermediate fan case design)

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

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	
A7022	012	218,000	182,000	97.2	100.8	91.7	97.7	98.1	104.2	-
A7021	010	217,000	179,000	97.2	100.8	91.6	97.7	98.0	104.1	-
A7018	003	215,000	177,000	97.2	100.7	91.3	97.6	98.0	104.1	-
A7019	004	215,000	177,000	97.2	100.7	91.3	97.6	98.0	104.1	-
A7020	013	215,000	177,000	97.2	100.7	91.3	97.6	98.0	104.1	-
A7016	002	212,000	177,000	97.3	100.7	90.9	97.6	98.0	104.1	-
A7017	011	212,000	177,000	97.3	100.7	90.9	97.6	98.0	104.1	-
A7015	000	212,000	174,000	97.3	100.7	90.9	97.6	97.8	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-321**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

57227, 54304 (“Advantage 70” performance kit (part only), kevlar front and aft fan containment case and new intermediate fan case)

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

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	
A16020	012	218,000	182,000	97.2	100.8	91.7	97.7	98.4	104.2	13
A16021	010	217,000	179,000	97.3	100.8	91.6	97.7	98.3	104.1	13
A16022	003	215,000	177,000	97.3	100.7	91.3	97.6	98.3	104.1	13
A16023	004	215,000	177,000	97.3	100.7	91.3	97.6	98.3	104.1	13
A16024	013	215,000	177,000	97.3	100.7	91.3	97.6	98.3	104.1	13
A16025	002	212,000	177,000	97.3	100.7	90.9	97.6	98.3	104.1	13
A16026	011	212,000	177,000	97.3	100.7	90.9	97.6	98.3	104.1	13
A16027	000	212,000	174,000	97.3	100.7	90.9	97.6	98.1	104.1	13

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-321**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, one engine with kevlar front and aft fan containment case and new intermediate fan case (Mod 54304), one engine with kevlar front and aft fan containment case and new intermediate fan case (Mod 54304) and part "Advantage 70" performance kit (Mod 57227)

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

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	
A16038	012	218,000	182,000	97.2	100.8	91.7	97.7	98.4	104.2	-
A16039	010	217,000	179,000	97.3	100.8	91.6	97.7	98.3	104.1	-
A16040	003	215,000	177,000	97.3	100.7	91.3	97.6	98.3	104.1	-
A16041	004	215,000	177,000	97.3	100.7	91.3	97.6	98.3	104.1	-
A16042	013	215,000	177,000	97.3	100.7	91.3	97.6	98.3	104.1	-
A16043	002	212,000	177,000	97.3	100.7	90.9	97.6	98.3	104.1	-
A16044	011	212,000	177,000	97.3	100.7	90.9	97.6	98.3	104.1	-
A16045	000	212,000	174,000	97.3	100.7	90.9	97.6	98.1	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-321**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, one engine with titanium fan containment case and GB2 fan blades, one engine with GB2C fan blades (Mod 45617), new fan case design (Mod 46313), with or without kevlar front and aft containment case (Mod 47218), with or without new intermediate fan case design (Mod 47277)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A15522	012	218,000	182,000	97.8	100.8	93.6	97.7	98.1	104.2	-
A15523	010	217,000	179,000	97.8	100.8	93.5	97.7	98.0	104.1	-
A15524	003	215,000	177,000	97.8	100.7	93.2	97.6	98.0	104.1	-
A15525	004	215,000	177,000	97.8	100.7	93.2	97.6	98.0	104.1	-
A15526	013	215,000	177,000	97.8	100.7	93.2	97.6	98.0	104.1	-
A15527	002	212,000	177,000	97.9	100.7	92.7	97.6	98.0	104.1	-
A15528	011	212,000	177,000	97.9	100.7	92.7	97.6	98.0	104.1	-
A15529	000	212,000	174,000	97.9	100.7	92.7	97.6	97.8	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-321**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, one engine with titanium fan containment case, GB2C fan blades (Mod 45617) and new fan case design (Mod 46313), one engine with kevlar front and aft containment case (Mod 47218), GB2C fan blades (Mod 45617), new fan case design (Mod 46313), with or without new intermediate fan case design (Mod 47277)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A15531	012	218,000	182,000	97.8	100.8	93.6	97.7	98.1	104.2	-
A15532	010	217,000	179,000	97.8	100.8	93.5	97.7	98.0	104.1	-
A15533	003	215,000	177,000	97.8	100.7	93.2	97.6	98.0	104.1	-
A15534	004	215,000	177,000	97.8	100.7	93.2	97.6	98.0	104.1	-
A15535	013	215,000	177,000	97.8	100.7	93.2	97.6	98.0	104.1	-
A15536	002	212,000	177,000	97.9	100.7	92.7	97.6	98.0	104.1	-
A15537	011	212,000	177,000	97.9	100.7	92.7	97.6	98.0	104.1	-
A15538	000	212,000	174,000	97.9	100.7	92.7	97.6	97.8	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-321**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, one engine with titanium fan containment case, GB2C fan blades (Mod 45617), new fan case design (Mod 46313) and new intermediate fan case design (Mod 47277), one engine with kevlar front and aft containment case (Mod 47218), GB2C fan blades (Mod 45617), new fan case design (Mod 46313), with or without new intermediate fan case design (Mod 47277)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A15540	012	218,000	182,000	97.8	100.8	93.6	97.7	98.1	104.2	-
A15541	010	217,000	179,000	97.8	100.8	93.5	97.7	98.0	104.1	-
A15542	003	215,000	177,000	97.8	100.7	93.2	97.6	98.0	104.1	-
A15543	004	215,000	177,000	97.8	100.7	93.2	97.6	98.0	104.1	-
A15544	013	215,000	177,000	97.8	100.7	93.2	97.6	98.0	104.1	-
A15545	002	212,000	177,000	97.9	100.7	92.7	97.6	98.0	104.1	-
A15546	011	212,000	177,000	97.9	100.7	92.7	97.6	98.0	104.1	-
A15547	000	212,000	174,000	97.9	100.7	92.7	97.6	97.8	104.1	-

¹ See Note 1.





Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-321**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164**

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.	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	
A2912	012	218,000	182,000	97.8	100.8	93.6	97.7	98.1	104.2	-
A2913	010	217,000	179,000	97.8	100.8	93.5	97.7	98.0	104.1	-
A2914	003	215,000	177,000	97.8	100.7	93.2	97.6	97.9	104.1	-
A2915	004	215,000	177,000	97.8	100.7	93.2	97.6	97.9	104.1	-
A2916	013	215,000	177,000	97.8	100.7	93.2	97.6	97.9	104.1	-
A2917	002	212,000	177,000	97.9	100.7	92.7	97.6	97.9	104.1	-
A2918	011	212,000	177,000	97.9	100.7	92.7	97.6	97.9	104.1	-
A2919	000	212,000	174,000	97.9	100.7	92.7	97.6	97.7	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-321**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164, PW4164-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, PW4164 engine with titanium fan containment case and either GB2 fan blades, or GB2C fan blades (Mod 45617) and new fan case (Mod 46313) with or without new intermediate fan case (Mod 47277), PW4164-1D (PW4164 engine with "Advantage 70" performance kit (Mod 58777))

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

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	
A16123	012	218,000	182,000	98.3	100.8	93.6	97.7	98.4	104.2	-
A16124	010	217,000	179,000	98.3	100.8	93.5	97.7	98.3	104.1	-
A16125	003	215,000	177,000	98.3	100.7	93.2	97.6	98.3	104.1	-
A16126	004	215,000	177,000	98.3	100.7	93.2	97.6	98.3	104.1	-
A16127	013	215,000	177,000	98.3	100.7	93.2	97.6	98.3	104.1	-
A16128	002	212,000	177,000	98.4	100.7	92.7	97.6	98.3	104.1	-
A16129	011	212,000	177,000	98.4	100.7	92.7	97.6	98.3	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-321**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164, PW4164-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, PW4164 engine with titanium fan containment case and either GB2 fan blades, or GB2C fan blades (Mod 45617) and new fan case (Mod 46313) with or without new intermediate fan case (Mod 47277), PW4164-1D (PW4164 engine with "Advantage 70" performance kit (Mod 58777))

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

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	
A16130	000	212,000	174,000	98.4	100.7	92.7	97.6	98.1	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-321**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164, PW4164-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, PW4164 with kevlar front and aft fan containment case and new intermediate fan case (Mod 54304), with or without part "Advantage 70" performance kit (Mod 57227), PW4164-D (PW4164 with kevlar front and aft fan containment case and new intermediate fan case (Mod 54304) and "Advantage 70" performance kit (Mod 58777)

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

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	
A16029	012	218,000	182,000	97.2	100.8	91.7	97.7	98.4	104.2	-
A16030	010	217,000	179,000	97.3	100.8	91.6	97.7	98.3	104.1	-
A16031	003	215,000	177,000	97.3	100.7	91.3	97.6	98.3	104.1	-
A16032	004	215,000	177,000	97.3	100.7	91.3	97.6	98.3	104.1	-
A16033	013	215,000	177,000	97.3	100.7	91.3	97.6	98.3	104.1	-
A16034	002	212,000	177,000	97.3	100.7	90.9	97.6	98.3	104.1	-
A16035	011	212,000	177,000	97.3	100.7	90.9	97.6	98.3	104.1	-
A16036	000	212,000	174,000	97.3	100.7	90.9	97.6	98.1	104.1	-

¹ See Note 1.





Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-321**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164-1D**

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.	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	
A16011	012	218,000	182,000	97.2	100.8	91.7	97.7	98.4	104.2	14
A16012	010	217,000	179,000	97.3	100.8	91.6	97.7	98.3	104.1	14
A16013	003	215,000	177,000	97.3	100.7	91.3	97.6	98.3	104.1	14
A16014	004	215,000	177,000	97.3	100.7	91.3	97.6	98.3	104.1	14
A16015	013	215,000	177,000	97.3	100.7	91.3	97.6	98.3	104.1	14
A16016	002	212,000	177,000	97.3	100.7	90.9	97.6	98.3	104.1	14
A16017	011	212,000	177,000	97.3	100.7	90.9	97.6	98.3	104.1	14
A16018	000	212,000	174,000	97.3	100.7	90.9	97.6	98.1	104.1	14

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-322**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, one engine with titanium fan containment case and either GB2 fan blades or GB2C fan blades (Mod 45617), with or without new fan case (Mod 46313), with or without new intermediate fan case (Mod 47277), one engine with part "Advantage 70" performance kit (Mod 57227))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A16150	012	218,000	182,000	98.7	100.8	92.6	97.7	98.4	104.2	-
A16151	010	217,000	179,000	98.7	100.8	92.4	97.7	98.3	104.1	-
A16152	003	215,000	177,000	98.7	100.7	92.2	97.6	98.3	104.1	-
A16153	004	215,000	177,000	98.7	100.7	92.2	97.6	98.3	104.1	-
A16154	013	215,000	177,000	98.7	100.7	92.2	97.6	98.3	104.1	-
A16155	002	212,000	177,000	98.8	100.7	91.7	97.6	98.3	104.1	-
A16156	011	212,000	177,000	98.8	100.7	91.7	97.6	98.3	104.1	-
A16157	000	212,000	174,000	98.8	100.7	91.7	97.6	98.1	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-322**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **45617, 46313 (Installation of GB2C fan blades, new fan case design)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A2936	012	218,000	182,000	98.7	100.8	91.2	97.7	98.1	104.2	-
A2923	010	217,000	179,000	98.7	100.8	91.0	97.7	98.0	104.1	-
A2935	003	215,000	177,000	98.7	100.7	90.8	97.6	97.9	104.1	-
A2946	004	215,000	177,000	98.7	100.7	90.8	97.6	97.9	104.1	-
A2947	013	215,000	177,000	98.7	100.7	90.8	97.6	97.9	104.1	-
A2932	002	212,000	177,000	98.8	100.7	90.4	97.6	97.9	104.1	-
A2933	011	212,000	177,000	98.8	100.7	90.4	97.6	97.9	104.1	-
A2922	000	212,000	174,000	98.8	100.7	90.4	97.6	97.8	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-322**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **45617, 46313, 47277 (Installation of GB2C fan blades, new fan case design, new intermediate fan case design)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A15496	012	218,000	182,000	98.7	100.8	91.2	97.7	98.1	104.2	-
A15494	010	217,000	179,000	98.7	100.8	91.0	97.7	98.0	104.1	-
A15492	003	215,000	177,000	98.7	100.7	90.8	97.6	97.9	104.1	-
A15493	004	215,000	177,000	98.7	100.7	90.8	97.6	97.9	104.1	-
A15497	013	215,000	177,000	98.7	100.7	90.8	97.6	97.9	104.1	-
A15491	002	212,000	177,000	98.8	100.7	90.4	97.6	97.9	104.1	-
A15495	011	212,000	177,000	98.8	100.7	90.4	97.6	97.9	104.1	-
A15490	000	212,000	174,000	98.8	100.7	90.4	97.6	97.8	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-322**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

45617, 46313, 54304 (47218, 47277) (Installation of GB2C fan blades, new fan case design, kevlar front and aft fan containment case, new intermediate fan case design)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A15201	012	218,000	182,000	98.1	100.8	91.0	97.7	98.1	104.2	-
A15202	010	217,000	179,000	98.1	100.8	90.9	97.7	98.0	104.1	-
A15203	003	215,000	177,000	98.1	100.7	90.6	97.6	98.0	104.1	-
A15204	004	215,000	177,000	98.1	100.7	90.6	97.6	98.0	104.1	-
A15205	013	215,000	177,000	98.1	100.7	90.6	97.6	98.0	104.1	-
A15206	002	212,000	177,000	98.2	100.7	90.2	97.6	98.0	104.1	-
A15207	011	212,000	177,000	98.2	100.7	90.2	97.6	98.0	104.1	-
A15208	000	212,000	174,000	98.2	100.7	90.2	97.6	97.8	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-322**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

57227, 54304 (“Advantage 70” performance kit (part only), kevlar front and aft fan containment case and new intermediate fan case)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A16056	012	218,000	182,000	98.2	100.8	91.0	97.7	98.4	104.2	13
A16057	010	217,000	179,000	98.2	100.8	90.9	97.7	98.3	104.1	13
A16058	003	215,000	177,000	98.2	100.7	90.6	97.6	98.3	104.1	13
A16059	004	215,000	177,000	98.2	100.7	90.6	97.6	98.3	104.1	13
A16060	013	215,000	177,000	98.2	100.7	90.6	97.6	98.3	104.1	13
A16061	002	212,000	177,000	98.3	100.7	90.2	97.6	98.3	104.1	13
A16062	011	212,000	177,000	98.3	100.7	90.2	97.6	98.3	104.1	13
A16063	000	212,000	174,000	98.3	100.7	90.2	97.6	98.1	104.1	13

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-322**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, both engines with titanium fan containment case and GB2C fan blades (Mod 45617), one engine with the new fan case design (Mod 46313) and with new intermediate case design (Mod 47277)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A72658	010	217,000	179,000	98.7	100.8	92.4	97.7	98.0	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-322**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, one engine with kevlar front and aft fan containment case and new intermediate fan case (Mod 54304), one engine with kevlar front and aft fan containment case and new intermediate fan case (Mod 54304) and part "Advantage 70" performance kit (Mod 57227)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A16065	012	218,000	182,000	98.2	100.8	91.0	97.7	98.4	104.2	-
A16066	010	217,000	179,000	98.2	100.8	90.9	97.7	98.3	104.1	-
A16067	003	215,000	177,000	98.2	100.7	90.6	97.6	98.3	104.1	-
A16068	004	215,000	177,000	98.2	100.7	90.6	97.6	98.3	104.1	-
A16069	013	215,000	177,000	98.2	100.7	90.6	97.6	98.3	104.1	-
A16070	002	212,000	177,000	98.3	100.7	90.2	97.6	98.3	104.1	-
A16071	011	212,000	177,000	98.3	100.7	90.2	97.6	98.3	104.1	-
A16072	000	212,000	174,000	98.3	100.7	90.2	97.6	98.1	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-322**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, one engine with titanium fan containment case and GB2 fan blades, one engine with GB2C fan blades (Mod 45617), new fan case design (Mod 46313), with or without kevlar front and aft containment case (Mod 47218), with or without new intermediate fan case design (Mod 47277)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A2941	012	218,000	182,000	98.7	100.8	92.6	97.7	98.1	104.2	-
A2926	010	217,000	179,000	98.7	100.8	92.4	97.7	98.0	104.1	-
A2931	003	215,000	177,000	98.7	100.7	92.2	97.6	98.0	104.1	-
A2945	004	215,000	177,000	98.7	100.7	92.2	97.6	98.0	104.1	-
A2950	013	215,000	177,000	98.7	100.7	92.2	97.6	98.0	104.1	-
A2930	002	212,000	177,000	98.8	100.7	91.7	97.6	98.0	104.1	-
A2939	011	212,000	177,000	98.8	100.7	91.7	97.6	98.0	104.1	-
A2921	000	212,000	174,000	98.8	100.7	91.7	97.6	97.8	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-322**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, one engine with titanium fan containment case, GB2C fan blades (Mod 45617) and new fan case design (Mod 46313), one engine with kevlar front and aft containment case (Mod 47218), GB2C fan blades (Mod 45617), new fan case design (Mod 46313), with or without new intermediate fan case design (Mod 47277)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A15504	012	218,000	182,000	98.7	100.8	92.6	97.7	98.1	104.2	-
A15505	010	217,000	179,000	98.7	100.8	92.4	97.7	98.0	104.1	-
A15506	003	215,000	177,000	98.7	100.7	92.2	97.6	98.0	104.1	-
A15507	004	215,000	177,000	98.7	100.7	92.2	97.6	98.0	104.1	-
A15508	013	215,000	177,000	98.7	100.7	92.2	97.6	98.0	104.1	-
A15509	002	212,000	177,000	98.8	100.7	91.7	97.6	98.0	104.1	-
A15510	011	212,000	177,000	98.8	100.7	91.7	97.6	98.0	104.1	-
A15511	000	212,000	174,000	98.8	100.7	91.7	97.6	97.8	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-322**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, one engine with titanium fan containment case, GB2C fan blades (Mod 45617), new fan case design (Mod 46313) and new intermediate fan case design (Mod 47277), one engine with kevlar front and aft containment case (Mod 47218), GB2C fan blades (Mod 45617), new fan case design (Mod 46313), with or without new intermediate fan case design (Mod 47277)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A15513	012	218,000	182,000	98.7	100.8	92.6	97.7	98.1	104.2	-
A15514	010	217,000	179,000	98.7	100.8	92.4	97.7	98.0	104.1	-
A15515	003	215,000	177,000	98.7	100.7	92.2	97.6	98.0	104.1	-
A15516	004	215,000	177,000	98.7	100.7	92.2	97.6	98.0	104.1	-
A15517	013	215,000	177,000	98.7	100.7	92.2	97.6	98.0	104.1	-
A15518	002	212,000	177,000	98.8	100.7	91.7	97.6	98.0	104.1	-
A15519	011	212,000	177,000	98.8	100.7	91.7	97.6	98.0	104.1	-
A15520	000	212,000	174,000	98.8	100.7	91.7	97.6	97.8	104.1	-

¹ See Note 1.





Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-322**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168**

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 5 / Amendment 9** Chapter¹ **4**

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	
A2940	012	218,000	182,000	98.4	100.8	92.6	97.7	98.1	104.2	15
A2925	010	217,000	179,000	98.4	100.8	92.4	97.7	98.0	104.1	15
A2943	003	215,000	177,000	98.5	100.7	92.2	97.6	97.9	104.1	15
A2949	013	215,000	177,000	98.5	100.7	92.2	97.6	97.9	104.1	15
A2951	004	215,000	177,000	98.5	100.7	92.2	97.6	97.9	104.1	15
A2938	011	212,000	177,000	98.5	100.7	91.7	97.6	97.9	104.1	15
A2942	002	212,000	177,000	98.5	100.7	91.7	97.6	97.9	104.1	15
A2927	000	212,000	174,000	98.5	100.7	91.7	97.6	97.7	104.1	15

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-322**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168, PW4168-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, PW4168 engine with titanium fan containment case and either GB2 fan blades or GB2C fan blades (Mod 45617) , with or without new fan case (Mod 46313), with or without new intermediate fan case (Mod 47277), PW4168-1D (PW4168 engine with "Advantage 70" performance kit (Mod 58776))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A16141	012	218,000	182,000	98.7	100.8	92.6	97.7	98.4	104.2	-
A16142	010	217,000	179,000	98.7	100.8	92.4	97.7	98.3	104.1	-
A16143	003	215,000	177,000	98.7	100.7	92.2	97.6	98.3	104.1	-
A16144	004	215,000	177,000	98.7	100.7	92.2	97.6	98.3	104.1	-
A16145	013	215,000	177,000	98.7	100.7	92.2	97.6	98.3	104.1	-
A16146	002	212,000	177,000	98.8	100.7	91.7	97.6	98.3	104.1	-
A16147	011	212,000	177,000	98.8	100.7	91.7	97.6	98.3	104.1	-
A16148	000	212,000	174,000	98.8	100.7	91.7	97.6	98.1	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-322**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168, PW4168-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, one engine with kevlar front and aft fan containment case and new intermediate fan case (Mod 54304), with or without part "Advantage 70" performance kit (Mod 57227), one engine with kevlar front and aft fan containment case and new intermediate fan case (Mod 54304) and "Advantage 70" performance kit (Mod 58776)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A16074	012	218,000	182,000	98.2	100.8	91.0	97.7	98.4	104.2	-
A16075	010	217,000	179,000	98.2	100.8	90.9	97.7	98.3	104.1	-
A16076	003	215,000	177,000	98.2	100.7	90.6	97.6	98.3	104.1	-
A16077	004	215,000	177,000	98.2	100.7	90.6	97.6	98.3	104.1	-
A16078	013	215,000	177,000	98.2	100.7	90.6	97.6	98.3	104.1	-
A16079	002	212,000	177,000	98.3	100.7	90.2	97.6	98.3	104.1	-
A16080	011	212,000	177,000	98.3	100.7	90.2	97.6	98.3	104.1	-
A16081	000	212,000	174,000	98.3	100.7	90.2	97.6	98.1	104.1	-

¹ See Note 1.





Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-322**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168-1D**

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 5 / Amendment 9** Chapter¹ **4**

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	
A16047	012	218,000	182,000	98.2	100.8	91.0	97.7	98.4	104.2	14
A16048	010	217,000	179,000	98.2	100.8	90.9	97.7	98.3	104.1	14
A16049	003	215,000	177,000	98.2	100.7	90.6	97.6	98.3	104.1	14
A16050	004	215,000	177,000	98.2	100.7	90.6	97.6	98.3	104.1	14
A16051	013	215,000	177,000	98.2	100.7	90.6	97.6	98.3	104.1	14
A16052	002	212,000	177,000	98.3	100.7	90.2	97.6	98.3	104.1	14
A16053	011	212,000	177,000	98.3	100.7	90.2	97.6	98.3	104.1	14
A16054	000	212,000	174,000	98.3	100.7	90.2	97.6	98.1	104.1	14

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164, PW4164-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, PW4164 with kevlar front and aft fan containment case and new intermediate fan case (Mod 54304), with or without part "Advantage 70" performance kit (Mod 57227), PW4164-D (PW4164 with kevlar front and aft fan containment case and new intermediate fan case (Mod 54304) and "Advantage 70" performance kit (Mod 58777)

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

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	
A70446	052	233,000	187,000	97.0	101.0	93.7	98.1	98.6	104.4	-
A70447	050	230,000	185,000	97.1	101.0	93.3	98.0	98.6	104.3	-
A70449	039	217,000	187,000	97.3	100.8	91.6	97.7	98.6	104.1	-
A70450	035	205,000	187,000	97.4	100.5	89.9	97.4	98.6	103.9	-
A70451	034	205,000	185,000	97.4	100.5	89.9	97.4	98.6	103.9	-
A70452	031	199,000	187,000	97.5	100.4	89.1	97.2	98.6	103.8	-
A70453	030	199,000	185,000	97.5	100.4	89.1	97.2	98.6	103.8	-
A70454	033	190,000	187,000	97.6	100.3	87.9	96.9	98.6	103.7	-
A70455	032	190,000	185,000	97.6	100.3	87.9	96.9	98.6	103.7	-

¹ See Note 1.





Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4164-1D**

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.	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	
A70466	052	233,000	187,000	97.0	101.0	93.7	98.1	98.6	104.4	14
A70467	050	230,000	185,000	97.1	101.0	93.3	98.0	98.6	104.3	14
A70469	039	217,000	187,000	97.3	100.8	91.6	97.7	98.6	104.1	14
A70470	035	205,000	187,000	97.4	100.5	89.9	97.4	98.6	103.9	14
A70471	034	205,000	185,000	97.4	100.5	89.9	97.4	98.6	103.9	14
A70472	031	199,000	187,000	97.5	100.4	89.1	97.2	98.6	103.8	14
A70473	030	199,000	185,000	97.5	100.4	89.1	97.2	98.6	103.8	14
A70474	033	190,000	187,000	97.6	100.3	87.9	96.9	98.6	103.7	14
A70475	032	190,000	185,000	97.6	100.3	87.9	96.9	98.6	103.7	14

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, one engine with part “Advantage 70” performance kit (Mod 57227), one engine with titanium fan containment case with or without new intermediate fan case (Mod 47277))

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

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	
A70565	082	242,000	187,000	98.6	101.2	94.3	98.3	98.7	104.5	-
A70566	081	242,000	187,000	98.6	101.2	94.3	98.3	98.7	104.5	-
A70567	083	240,000	187,000	98.7	101.1	94.0	98.3	98.7	104.5	-
A70568	080	238,000	187,000	98.7	101.1	93.7	98.2	98.7	104.4	-
A16567	054	235,000	187,000	98.7	101.0	93.3	98.2	98.7	104.4	-
A16568	055	235,000	187,000	98.7	101.0	93.3	98.2	98.7	104.4	-
A16118	022	233,000	187,000	98.7	101.0	93.0	98.1	98.7	104.4	-
A16119	052	233,000	187,000	98.7	101.0	93.0	98.1	98.7	104.4	-
A16120	020	230,000	185,000	98.8	101.0	92.5	98.0	98.6	104.3	-
A16121	050	230,000	185,000	98.8	101.0	92.5	98.0	98.6	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, one engine with part “Advantage 70” performance kit (Mod 57227), one engine with titanium fan containment case with or without new intermediate fan case (Mod 47277))

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

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	
A70577	059	217,000	185,000	98.9	100.8	90.8	97.7	98.6	104.1	-
A70578	026	217,000	185,000	98.9	100.8	90.8	97.7	98.6	104.1	-
A16122	025	217,000	179,000	98.9	100.8	90.8	97.7	98.4	104.1	-
A70100	056	205,000	187,000	99.1	100.5	89.2	97.4	98.7	103.9	-
A70579	060	198,000	185,000	99.2	100.4	88.3	97.2	98.6	103.8	-
A70580	027	198,000	185,000	99.2	100.4	88.3	97.2	98.6	103.8	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

54304 (47218, 47277) (Kevlar front and aft fan containment case and new intermediate fan case (No intermix permitted with titanium hardware))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A16536	055	235,000	187,000	98.1	101.0	93.0	98.2	98.4	104.4	-
A16537	054	235,000	187,000	98.1	101.0	93.0	98.2	98.4	104.4	-
A70104	056	233,000	187,000	98.5	101.0	89.0	98.1	98.4	104.4	-
A936	022	233,000	187,000	98.1	101.0	92.7	98.1	98.4	104.4	-
A939	052	233,000	187,000	98.1	101.0	92.7	98.1	98.4	104.4	-
A935	020	230,000	185,000	98.2	101.0	92.3	98.0	98.3	104.3	-
A938	050	230,000	185,000	98.2	101.0	92.3	98.0	98.3	104.3	-
A937	025	217,000	179,000	98.3	100.8	90.6	97.7	98.1	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

54304 (47218, 47277) (Kevlar front and aft fan containment case and new intermediate fan case (No intermix permitted with titanium hardware))

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

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	
A69874	082	242,000	187,000	98.0	101.2	94.0	98.3	98.4	104.5	-
A69875	081	242,000	187,000	98.0	101.2	94.0	98.3	98.4	104.5	-
A69876	083	240,000	187,000	98.0	101.1	93.7	98.3	98.4	104.5	-
A69877	080	238,000	187,000	98.1	101.1	93.4	98.2	98.4	104.4	-
A70532	026	217,000	185,000	98.3	100.8	90.6	97.7	98.3	104.1	-
A70533	059	217,000	185,000	98.3	100.8	90.6	97.7	98.3	104.1	-
A70530	027	198,000	185,000	98.6	100.4	88.1	97.2	98.3	103.8	-
A70531	060	198,000	185,000	98.6	100.4	88.1	97.2	98.3	103.8	-
A69910	057	184,000	174,000	98.8	100.1	86.4	96.7	97.9	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

57227, with or without 54304 (“Advantage 70” performance kit (part only), with or without kevlar front and aft fan containment case and new intermediate fan case)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A16573	055	235,000	187,000	98.2	101.0	93.0	98.2	98.7	104.4	10
A16574	054	235,000	187,000	98.2	101.0	93.0	98.2	98.7	104.4	10
A15431	022	233,000	187,000	98.3	101.0	92.7	98.1	98.7	104.4	10
A15432	052	233,000	187,000	98.3	101.0	92.7	98.1	98.7	104.4	10
A15433	020	230,000	185,000	98.3	101.0	92.3	98.0	98.6	104.3	10
A15434	050	230,000	185,000	98.3	101.0	92.3	98.0	98.6	104.3	10
A15435	025	217,000	179,000	98.5	100.8	90.6	97.7	98.4	104.1	10
A70090	056	205,000	187,000	98.6	100.5	89.0	97.4	98.7	103.9	10

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

57227, with or without 54304 (Advantage 70 performance kit (part only), with or without kevlar front and aft fan containment case and new intermediate fan case)

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

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	
A69905	082	242,000	187,000	98.1	101.2	94.0	98.3	98.7	104.5	10
A69906	081	242,000	187,000	98.1	101.2	94.0	98.3	98.7	104.5	10
A69907	083	240,000	187,000	98.2	101.1	93.7	98.3	98.7	104.5	10
A69908	080	238,000	187,000	98.2	101.1	93.4	98.2	98.7	104.4	10
A70524	026	217,000	185,000	98.5	100.8	90.6	97.7	98.6	104.1	10
A70525	059	217,000	185,000	98.5	100.8	90.6	97.7	98.6	104.1	10
A70526	060	198,000	185,000	98.7	100.4	88.1	97.2	98.6	103.8	10
A70527	027	198,000	185,000	98.7	100.4	88.1	97.2	98.6	103.8	10
A69909	057	184,000	174,000	99.0	100.1	86.4	96.7	98.1	103.6	10

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **With or without 47218 and/or 47277 (With or without kevlar front and aft fan containment case and/or new intermediate fan case)**

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

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	
A69938	082	242,000	187,000	98.6	101.2	94.3	98.3	98.4	104.5	-
A69939	081	242,000	187,000	98.6	101.2	94.3	98.3	98.4	104.5	-
A69940	083	240,000	187,000	98.7	101.1	94.0	98.3	98.4	104.5	-
A69941	080	238,000	187,000	98.7	101.1	93.7	98.2	98.4	104.4	-
A16542	055	235,000	187,000	98.7	101.0	93.3	98.2	98.4	104.4	-
A16543	054	235,000	187,000	98.7	101.0	93.3	98.2	98.4	104.4	-
A941	022	233,000	187,000	98.7	101.0	93.0	98.1	98.4	104.4	-
A944	052	233,000	187,000	98.7	101.0	93.0	98.1	98.4	104.4	-
A940	020	230,000	185,000	98.8	101.0	92.5	98.0	98.3	104.3	-
A943	050	230,000	185,000	98.8	101.0	92.5	98.0	98.3	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **With or without 47218 and/or 47277 (With or without kevlar front and aft fan containment case and/or new intermediate fan case)**

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

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	
A70505	026	217,000	185,000	98.9	100.8	90.8	97.7	98.3	104.1	-
A70506	059	217,000	185,000	98.9	100.8	90.8	97.7	98.3	104.1	-
A942	025	217,000	179,000	98.9	100.8	90.8	97.7	98.1	104.1	-
A70091	056	205,000	187,000	99.1	100.5	89.2	97.4	98.4	103.9	-
A70507	027	198,000	185,000	99.2	100.4	88.3	97.2	98.3	103.8	-
A70508	060	198,000	185,000	99.2	100.4	88.3	97.2	98.3	103.8	-
A69937	057	184,000	174,000	99.4	100.1	86.5	96.7	97.9	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **With or without 47277 (With or without new intermediate fan case design)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A16548	054	235,000	187,000	98.7	101.0	93.3	98.2	98.3	104.4	-
A16549	055	235,000	187,000	98.7	101.0	93.3	98.2	98.3	104.4	-
A921	022	233,000	187,000	98.7	101.0	93.0	98.1	98.3	104.4	-
A924	052	233,000	187,000	98.7	101.0	93.0	98.1	98.3	104.4	-
A920	020	230,000	185,000	98.8	101.0	92.5	98.0	98.2	104.3	-
A923	050	230,000	185,000	98.8	101.0	92.5	98.0	98.2	104.3	-
A922	025	217,000	179,000	98.9	100.8	90.8	97.7	98.0	104.1	-
A70105	056	205,000	187,000	99.1	100.5	89.2	97.4	98.3	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

With or without 47277 (With or without new intermediate fan case design)

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

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	
A69862	081	242,000	187,000	98.6	101.2	94.3	98.3	98.3	104.5	-
A69863	083	240,000	187,000	98.7	101.1	94.0	98.3	98.3	104.5	-
A69864	080	238,000	187,000	98.7	101.1	93.7	98.2	98.3	104.4	-
A70536	026	217,000	185,000	98.9	100.8	90.8	97.7	98.2	104.1	-
A70537	059	217,000	185,000	98.9	100.8	90.8	97.7	98.2	104.1	-
A70538	060	198,000	185,000	99.2	100.4	88.3	97.2	98.2	103.8	-
A70539	027	198,000	185,000	99.2	100.4	88.3	97.2	98.2	103.8	-
A69865	057	184,000	174,000	99.4	100.1	86.5	96.7	97.9	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, PW4168A engine with titanium fan containment case with or without new intermediate fan case (Mod 47277), PW4168A-1D (PW4170 engine with Mod 58344 or PW4168A engine with Mod 58956))

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

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	
A70569	082	242,000	187,000	98.6	101.2	94.3	98.3	98.7	104.5	-
A70570	081	242,000	187,000	98.6	101.2	94.3	98.3	98.7	104.5	-
A70571	083	240,000	187,000	98.7	101.1	94.0	98.3	98.7	104.5	-
A70572	080	238,000	187,000	98.7	101.1	93.7	98.2	98.7	104.4	-
A16570	054	235,000	187,000	98.7	101.0	93.3	98.2	98.7	104.4	-
A16571	055	235,000	187,000	98.7	101.0	93.3	98.2	98.7	104.4	-
A70101	056	235,000	187,000	99.1	101.0	89.2	98.2	98.7	104.4	-
A16113	022	233,000	187,000	98.7	101.0	93.0	98.1	98.7	104.4	-
A16114	052	233,000	187,000	98.7	101.0	93.0	98.1	98.7	104.4	-
A16115	020	230,000	185,000	98.8	101.0	92.5	98.0	98.6	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

201487 (Engine intermix, PW4168A engine with titanium fan containment case with or without new intermediate fan case (Mod 47277), PW4168A-1D (PW4170 engine with Mod 58344 or PW4168A engine with Mod 58956))

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

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	
A16116	050	230,000	185,000	98.8	101.0	92.5	98.0	98.6	104.3	-
A70581	059	217,000	185,000	98.9	100.8	90.8	97.7	98.6	104.1	-
A70582	026	217,000	185,000	98.9	100.8	90.8	97.7	98.6	104.1	-
A16117	025	217,000	179,000	98.9	100.8	90.8	97.7	98.4	104.1	-
A70583	060	198,000	185,000	99.2	100.4	88.3	97.2	98.6	103.8	-
A70584	027	198,000	185,000	99.2	100.4	88.3	97.2	98.6	103.8	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

58914 (Engine intermix, PW4168A engine with or without kevlar front and aft fan containment case (Mod 47218) or new intermediate fan case (Mod 47277), PW4168A-1D (PW4170 engine with “Advantage 70” performance kit (Mod 58344))

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

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	
A70561	082	242,000	187,000	98.6	101.2	94.3	98.3	98.7	104.5	-
A70562	081	242,000	187,000	98.6	101.2	94.3	98.3	98.7	104.5	-
A70563	083	240,000	187,000	98.7	101.1	94.0	98.3	98.7	104.5	-
A70564	080	238,000	187,000	98.7	101.1	93.7	98.2	98.7	104.4	-
A16560	055	235,000	187,000	98.7	101.0	93.3	98.2	98.7	104.4	-
A16561	054	235,000	187,000	98.7	101.0	93.3	98.2	98.7	104.4	-
A16006	022	233,000	187,000	98.7	101.0	93.0	98.1	98.7	104.4	-
A16007	052	233,000	187,000	98.7	101.0	93.0	98.1	98.7	104.4	-
A16008	020	230,000	185,000	98.8	101.0	92.5	98.0	98.6	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

58914 (Engine intermix, PW4168A engine with or without kevlar front and aft fan containment case (Mod 47218) or new intermediate fan case (Mod 47277), PW4168A-1D (PW4170 engine with "Advantage 70" performance kit (Mod 58344))

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

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	
A16009	050	230,000	185,000	98.8	101.0	92.5	98.0	98.6	104.3	-
A70575	059	217,000	185,000	98.9	100.8	90.8	97.7	98.6	104.1	-
A70576	026	217,000	185,000	98.9	100.8	90.8	97.7	98.6	104.1	-
A16010	025	217,000	179,000	98.9	100.8	90.8	97.7	98.4	104.1	-
A70099	056	205,000	187,000	99.1	100.5	89.2	97.4	98.7	103.9	-
A70573	060	198,000	185,000	99.2	100.4	88.3	97.2	98.6	103.8	-
A70574	027	198,000	185,000	99.2	100.4	88.3	97.2	98.6	103.8	-
A74263	057	184,000	174,000	99.4	100.1	86.5	96.7	98.1	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, PW4168A engine with either Mod 54304 (kevlar front and aft fan containment case and new intermediate fan case) or Mod 57227 (Part “Advantage 70” performance kit), PW4168A-1D (PW4170 engine with Mod 58344 or PW4168A engine with Mod 58956)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A16552	055	235,000	187,000	98.2	101.0	93.0	98.2	98.7	104.4	-
A16553	054	235,000	187,000	98.2	101.0	93.0	98.2	98.7	104.4	-
A15436	022	233,000	187,000	98.3	101.0	92.7	98.1	98.7	104.4	-
A15437	052	233,000	187,000	98.3	101.0	92.7	98.1	98.7	104.4	-
A15438	020	230,000	185,000	98.3	101.0	92.3	98.0	98.6	104.3	-
A15439	050	230,000	185,000	98.3	101.0	92.3	98.0	98.6	104.3	-
A15440	025	217,000	179,000	98.5	100.8	90.6	97.7	98.4	104.1	-
A70103	056	205,000	187,000	98.6	100.5	89.0	97.4	98.7	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A, PW4168A-1D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, PW4168A engine with either Mod 54304 (kevlar front and aft fan containment case and new intermediate fan case) or Mod 57227 (Part “Advantage 70” performance kit), PW4168A-1D (PW4170 engine with Mod 58344 or PW4168A engine with Mod 58956)

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

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	
A69900	082	242,000	187,000	98.1	101.2	94.0	98.3	98.7	104.5	-
A69901	081	242,000	187,000	98.1	101.2	94.0	98.3	98.7	104.5	-
A69902	083	240,000	187,000	98.2	101.1	93.7	98.3	98.7	104.5	-
A69903	080	238,000	187,000	98.2	101.1	93.4	98.2	98.7	104.4	-
A70522	026	217,000	185,000	98.5	100.8	90.6	97.7	98.6	104.1	-
A70523	059	217,000	185,000	98.5	100.8	90.6	97.7	98.6	104.1	-
A70520	060	198,000	185,000	98.7	100.4	88.1	97.2	98.6	103.8	-
A70521	027	198,000	185,000	98.7	100.4	88.1	97.2	98.6	103.8	-
A69904	057	184,000	174,000	99.0	100.1	86.4	96.7	98.1	103.6	-

¹ See Note 1.





Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A-1D**

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 5 / Amendment 9** Chapter¹ **4**

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	
A16555	055	235,000	187,000	98.2	101.0	93.0	98.2	98.7	104.4	10
A16556	054	235,000	187,000	98.2	101.0	93.0	98.2	98.7	104.4	10
A10759	022	233,000	187,000	98.3	101.0	92.7	98.1	98.7	104.4	10
A10760	052	233,000	187,000	98.3	101.0	92.7	98.1	98.7	104.4	10
A10757	020	230,000	185,000	98.3	101.0	92.3	98.0	98.6	104.3	10
A10758	050	230,000	185,000	98.3	101.0	92.3	98.0	98.6	104.3	10
A10756	025	217,000	179,000	98.5	100.8	90.6	97.7	98.4	104.1	10
A70102	056	205,000	187,000	98.6	100.5	89.0	97.4	98.7	103.9	10

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4168A-1D**

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.	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	
A69895	082	242,000	187,000	98.1	101.2	94.0	98.3	98.7	104.5	10
A69896	081	242,000	187,000	98.1	101.2	94.0	98.3	98.7	104.5	10
A69897	083	240,000	187,000	98.2	101.1	93.7	98.3	98.7	104.5	10
A69898	080	238,000	187,000	98.2	101.1	93.4	98.2	98.7	104.4	10
A70518	026	217,000	185,000	98.5	100.8	90.6	97.7	98.6	104.1	10
A70519	059	217,000	185,000	98.5	100.8	90.6	97.7	98.6	104.1	10
A70516	027	198,000	185,000	98.7	100.4	88.1	97.2	98.6	103.8	10
A70517	060	198,000	185,000	98.7	100.4	88.1	97.2	98.6	103.8	10
A69899	057	184,000	174,000	99.0	100.1	86.4	96.7	98.1	103.6	10

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4170**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **57168 or 58327 (“Advantage 70” performance kit)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **4**

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	
A16483	055	235,000	187,000	98.6	101.0	92.3	98.2	98.7	104.4	-
A16484	054	235,000	187,000	98.6	101.0	92.3	98.2	98.7	104.4	-
A10741	052	233,000	187,000	98.7	101.0	92.1	98.1	98.7	104.4	-
A10740	050	230,000	185,000	98.7	101.0	91.7	98.0	98.6	104.3	-
A70089	056	205,000	187,000	99.0	100.5	88.5	97.4	98.7	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-323**

Engine TC Holder **Pratt & Whitney** Engine Type Designation¹ **PW4170**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **57168 or 58327 (“Advantage 70” performance kit)**

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

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	
A69882	082	242,000	187,000	98.5	101.2	93.3	98.3	98.7	104.5	-
A69883	081	242,000	187,000	98.5	101.2	93.3	98.3	98.7	104.5	-
A69884	083	240,000	187,000	98.6	101.1	93.0	98.3	98.7	104.5	-
A69885	080	238,000	187,000	98.6	101.1	92.7	98.2	98.7	104.4	-
A70501	059	217,000	185,000	98.9	100.8	90.0	97.7	98.6	104.1	-
A70502	060	198,000	185,000	99.1	100.4	87.6	97.2	98.6	103.8	-
A69886	057	184,000	174,000	99.3	100.1	85.8	96.7	98.1	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-341**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 768-60**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **EP Package**

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	
A15133	012	218,000	182,000	96.9	100.8	89.6	97.7	96.9	104.2	-
A15134	010	217,000	179,000	96.9	100.7	89.5	97.7	96.9	104.1	-
A15135	003	215,000	177,000	96.9	100.7	89.2	97.6	96.8	104.1	-
A15136	004	215,000	177,000	96.9	100.7	89.2	97.6	96.8	104.1	-
A15137	013	215,000	177,000	96.9	100.7	89.2	97.6	96.8	104.1	-
A15138	002	212,000	177,000	97.0	100.7	88.8	97.6	96.8	104.1	-
A15139	011	212,000	177,000	97.0	100.7	88.8	97.6	96.8	104.1	-
A15140	000	212,000	174,000	97.0	100.7	88.8	97.6	96.7	104.1	-
A15141	014	205,000	182,000	97.1	100.5	87.8	97.4	96.9	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-341**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 768-60**

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 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	
A2977	012	218,000	182,000	96.9	100.8	89.6	97.7	96.9	104.2	-
A2978	010	217,000	179,000	96.9	100.7	89.5	97.7	96.9	104.1	-
A2979	003	215,000	177,000	96.9	100.7	89.2	97.6	96.8	104.1	-
A2980	004	215,000	177,000	96.9	100.7	89.2	97.6	96.8	104.1	-
A2981	013	215,000	177,000	96.9	100.7	89.2	97.6	96.8	104.1	-
A2982	002	212,000	177,000	97.0	100.7	88.8	97.6	96.8	104.1	-
A2983	011	212,000	177,000	97.0	100.7	88.8	97.6	96.8	104.1	-
A2984	000	212,000	174,000	97.0	100.7	88.8	97.6	96.7	104.1	-
A2985	014	205,000	182,000	97.1	100.5	87.8	97.4	96.9	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-342**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772-60**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **EP Package**

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	
A69856	081	242,000	187,000	97.3	101.1	91.9	98.3	97.0	104.5	-
A69857	082	242,000	187,000	97.3	101.1	91.9	98.3	97.0	104.5	-
A69858	083	240,000	187,000	97.4	101.1	91.6	98.3	97.0	104.5	-
A69859	080	238,000	187,000	97.4	101.1	91.3	98.2	97.0	104.5	-
A16516	055	235,000	187,000	97.4	101.0	90.9	98.2	97.0	104.4	-
A16517	054	235,000	187,000	97.4	101.0	90.9	98.2	97.0	104.4	-
A15055	022	233,000	187,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A15056	052	233,000	187,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A15057	012	218,000	182,000	97.7	100.8	88.6	97.7	96.9	104.2	-
A15058	010	217,000	179,000	97.7	100.7	88.5	97.7	96.8	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-342**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772-60**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **EP Package**

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	
A70163	058	215,000	187,000	97.7	100.7	88.2	97.6	97.0	104.1	-
A15059	003	215,000	177,000	97.7	100.7	88.2	97.6	96.8	104.1	-
A15060	004	215,000	177,000	97.7	100.7	88.2	97.6	96.8	104.1	-
A15061	013	215,000	177,000	97.7	100.7	88.2	97.6	96.8	104.1	-
A15062	002	212,000	177,000	97.7	100.7	87.8	97.6	96.8	104.1	-
A15063	011	212,000	177,000	97.7	100.7	87.8	97.6	96.8	104.1	-
A15064	000	212,000	174,000	97.7	100.7	87.8	97.6	96.7	104.1	-
A70093	056	205,000	187,000	97.9	100.5	87.0	97.4	97.0	104.0	-
A15065	014	205,000	182,000	97.9	100.5	87.0	97.4	96.9	104.0	-
A69855	057	184,000	174,000	98.2	100.1	84.4	96.7	96.7	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-342**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772-60**

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 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	
A69851	081	242,000	187,000	97.3	101.1	91.9	98.3	97.0	104.5	-
A69852	082	242,000	187,000	97.3	101.1	91.9	98.3	97.0	104.5	-
A69853	083	240,000	187,000	97.4	101.1	91.6	98.3	97.0	104.5	-
A69854	080	238,000	187,000	97.4	101.1	91.3	98.2	97.0	104.5	-
A16514	054	235,000	187,000	97.4	101.0	90.9	98.2	97.0	104.4	-
A16515	055	235,000	187,000	97.4	101.0	90.9	98.2	97.0	104.4	-
A10791	022	233,000	187,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A10792	052	233,000	187,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A960	012	218,000	182,000	97.7	100.8	88.6	97.7	96.9	104.2	-
A958	010	217,000	179,000	97.7	100.7	88.5	97.7	96.8	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-342**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772-60**

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 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	
A70161	058	215,000	187,000	97.7	100.7	88.2	97.6	97.0	104.1	-
A956	003	215,000	177,000	97.7	100.7	88.2	97.6	96.8	104.1	-
A957	004	215,000	177,000	97.7	100.7	88.2	97.6	96.8	104.1	-
A961	013	215,000	177,000	97.7	100.7	88.2	97.6	96.8	104.1	-
A955	002	212,000	177,000	97.7	100.7	87.8	97.6	96.8	104.1	-
A959	011	212,000	177,000	97.7	100.7	87.8	97.6	96.8	104.1	-
A954	000	212,000	174,000	97.7	100.7	87.8	97.6	96.7	104.1	-
A70092	056	205,000	187,000	97.9	100.5	87.0	97.4	97.0	104.0	-
A962	014	205,000	182,000	97.9	100.5	87.0	97.4	96.9	104.0	-
A69860	057	184,000	174,000	98.2	100.1	84.4	96.7	96.7	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-343**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 768-60**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **EP Package**

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	
A70426	052	233,000	187,000	96.7	101.0	91.8	98.1	97.1	104.4	-
A70427	050	230,000	185,000	96.7	101.0	91.4	98.0	97.0	104.3	-
A70429	039	217,000	187,000	96.9	100.7	89.5	97.7	97.1	104.1	-
A70430	035	205,000	187,000	97.1	100.5	87.8	97.4	97.1	104.0	-
A70431	034	205,000	185,000	97.1	100.5	87.8	97.4	97.0	104.0	-
A70432	031	199,000	187,000	97.2	100.4	87.0	97.2	97.1	103.9	-
A70433	030	199,000	185,000	97.2	100.4	87.0	97.2	97.0	103.9	-
A70434	033	190,000	187,000	97.3	100.2	85.8	96.9	97.1	103.7	-
A70435	032	190,000	185,000	97.3	100.2	85.8	96.9	97.0	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-343**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 768-60**

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 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	
A70416	052	233,000	187,000	96.7	101.0	91.8	98.1	97.1	104.4	-
A70417	050	230,000	185,000	96.7	101.0	91.4	98.0	97.0	104.3	-
A70419	039	217,000	187,000	96.9	100.7	89.5	97.7	97.1	104.1	-
A70420	035	205,000	187,000	97.1	100.5	87.8	97.4	97.1	104.0	-
A70421	034	205,000	185,000	97.1	100.5	87.8	97.4	97.0	104.0	-
A70422	031	199,000	187,000	97.2	100.4	87.0	97.2	97.1	103.9	-
A70423	030	199,000	185,000	97.2	100.4	87.0	97.2	97.0	103.9	-
A70424	033	190,000	187,000	97.3	100.2	85.8	96.9	97.1	103.7	-
A70425	032	190,000	185,000	97.3	100.2	85.8	96.9	97.0	103.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-343**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772-60**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **EP Package**

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	
A69841	081	242,000	187,000	97.3	101.1	91.9	98.3	97.0	104.5	-
A69842	082	242,000	187,000	97.3	101.1	91.9	98.3	97.0	104.5	-
A69843	083	240,000	187,000	97.4	101.1	91.6	98.3	97.0	104.5	-
A69844	080	238,000	187,000	97.4	101.1	91.3	98.2	97.0	104.5	-
A16509	055	235,000	187,000	97.4	101.0	90.9	98.2	97.0	104.4	-
A16510	054	235,000	187,000	97.4	101.0	90.9	98.2	97.0	104.4	-
A15066	022	233,000	187,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A15067	052	233,000	187,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A15068	020	230,000	185,000	97.5	101.0	90.2	98.0	97.0	104.3	-
A15069	050	230,000	185,000	97.5	101.0	90.2	98.0	97.0	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-343**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772-60**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **EP Package**

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	
A70171	058	215,000	187,000	97.7	100.7	88.2	97.6	97.0	104.1	-
A70097	056	205,000	187,000	97.9	100.5	87.0	97.4	97.0	104.0	-
A15070	024	205,000	185,000	97.9	100.5	87.0	97.4	97.0	104.0	-
A69845	057	184,000	174,000	98.2	100.1	84.4	96.7	96.7	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-343**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772-60**

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 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	
A69829	081	242,000	187,000	97.3	101.1	91.9	98.3	97.0	104.5	-
A69830	082	242,000	187,000	97.3	101.1	91.9	98.3	97.0	104.5	-
A69831	083	240,000	187,000	97.4	101.1	91.6	98.3	97.0	104.5	-
A69832	080	238,000	187,000	97.4	101.1	91.3	98.2	97.0	104.5	-
A16505	055	235,000	187,000	97.4	101.0	90.9	98.2	97.0	104.4	-
A16506	054	235,000	187,000	97.4	101.0	90.9	98.2	97.0	104.4	-
A5791	022	233,000	187,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A5792	052	233,000	187,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A5793	020	230,000	185,000	97.5	101.0	90.2	98.0	97.0	104.3	-
A5794	050	230,000	185,000	97.5	101.0	90.2	98.0	97.0	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-343**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772-60**

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 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	
A70167	058	215,000	187,000	97.7	100.7	88.2	97.6	97.0	104.1	-
A70095	056	205,000	187,000	97.9	100.5	87.0	97.4	97.0	104.0	-
A5795	024	205,000	185,000	97.9	100.5	87.0	97.4	97.0	104.0	-
A69834	057	184,000	174,000	98.2	100.1	84.4	96.7	96.7	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-343**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772B-60**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **EP Package**

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	
A69846	081	242,000	187,000	97.3	101.1	91.9	98.3	97.0	104.5	-
A69847	082	242,000	187,000	97.3	101.1	91.9	98.3	97.0	104.5	-
A69848	083	240,000	187,000	97.4	101.1	91.6	98.3	97.0	104.5	-
A69849	080	238,000	187,000	97.4	101.1	91.3	98.2	97.0	104.5	-
A16511	055	235,000	187,000	97.4	101.0	90.9	98.2	97.0	104.4	-
A16513	054	235,000	187,000	97.4	101.0	90.9	98.2	97.0	104.4	-
A15071	022	233,000	187,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A15072	052	233,000	187,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A15073	020	230,000	185,000	97.5	101.0	90.2	98.0	97.0	104.3	-
A15074	050	230,000	185,000	97.5	101.0	90.2	98.0	97.0	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-343**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772B-60**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **EP Package**

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	
A70174	058	215,000	187,000	97.7	100.7	88.2	97.6	97.0	104.1	-
A70098	056	205,000	187,000	97.9	100.5	87.0	97.4	97.0	104.0	-
A15075	024	205,000	185,000	97.9	100.5	87.0	97.4	97.0	104.0	-
A69850	057	184,000	174,000	98.2	100.1	84.4	96.7	96.7	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-343**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772B-60**

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 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	
A69835	081	242,000	187,000	97.3	101.1	91.9	98.3	97.0	104.5	-
A69836	082	242,000	187,000	97.3	101.1	91.9	98.3	97.0	104.5	-
A69837	083	240,000	187,000	97.4	101.1	91.6	98.3	97.0	104.5	-
A69838	080	238,000	187,000	97.4	101.1	91.3	98.2	97.0	104.5	-
A16507	055	235,000	187,000	97.4	101.0	90.9	98.2	97.0	104.4	-
A16508	054	235,000	187,000	97.4	101.0	90.9	98.2	97.0	104.4	-
A964	022	233,000	187,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A967	052	233,000	187,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A963	020	230,000	185,000	97.5	101.0	90.2	98.0	97.0	104.3	-
A966	050	230,000	185,000	97.5	101.0	90.2	98.0	97.0	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-343**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772B-60**

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 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	
A70169	058	215,000	187,000	97.7	100.7	88.2	97.6	97.0	104.1	-
A70096	056	205,000	187,000	97.9	100.5	87.0	97.4	97.0	104.0	-
A965	024	205,000	185,000	97.9	100.5	87.0	97.4	97.0	104.0	-
A70172	057	184,000	174,000	98.2	100.1	84.4	96.7	96.7	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-343**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772C-60**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **54940 (Increased hot and high rating)**

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	
A69823	081	242,000	187,000	97.3	101.1	91.9	98.3	97.0	104.5	-
A69824	082	242,000	187,000	97.3	101.1	91.9	98.3	97.0	104.5	-
A69825	083	240,000	187,000	97.4	101.1	91.6	98.3	97.0	104.5	-
A69826	080	238,000	187,000	97.4	101.1	91.3	98.2	97.0	104.5	-
A16503	054	235,000	187,000	97.4	101.0	90.9	98.2	97.0	104.4	-
A16504	055	235,000	187,000	97.4	101.0	90.9	98.2	97.0	104.4	-
A6669	022	233,000	187,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A6670	052	233,000	187,000	97.4	101.0	90.7	98.1	97.0	104.4	-
A6671	020	230,000	185,000	97.5	101.0	90.2	98.0	97.0	104.3	-
A6672	050	230,000	185,000	97.5	101.0	90.2	98.0	97.0	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-343**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772C-60**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **54940 (Increased hot and high rating)**

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	
A70165	058	215,000	187,000	97.7	100.7	88.2	97.6	97.0	104.1	-
A6673	024	205,000	185,000	97.9	100.5	87.0	97.4	97.0	104.0	-
A70094	056	205,000	185,000	97.9	100.5	87.0	97.4	97.0	104.0	-
A69828	057	184,000	174,000	98.2	100.1	84.4	96.7	96.7	103.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-743L**
 (Commercial Designation **BelugaXL**)

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772B-60**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **EP Package**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** 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	
A75419	000	227,000	187,000	97.0	100.9	91.5	98.0	97.6	104.3	-
A75417	001	205,000	187,000	97.3	100.5	88.3	97.4	97.6	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-743L**
 (Commercial Designation **BelugaXL**)

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 772B-60**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **EP Package, 209598 (Take-off performance improvement)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A78523	000	227,000	187,000	97.2	100.9	91.2	98.0	97.6	104.3	-
A78525	001	205,000	187,000	97.5	100.5	88.2	97.4	97.6	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-841**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **208635 (NEW IPC R1/R2)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** 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	
A77015	820	251,000	186,000	91.6	101.3	89.8	98.5	97.8	104.6	16
A77016	821	251,000	186,000	91.6	101.3	89.8	98.5	97.8	104.6	16
A77017	822	247,000	186,000	91.6	101.2	89.2	98.4	97.8	104.6	16
A77022	800	242,000	186,000	91.7	101.1	88.4	98.3	97.8	104.5	16
A77023	801	242,000	186,000	91.7	101.1	88.4	98.3	97.8	104.5	16
A77026	802	238,000	186,000	91.7	101.1	87.9	98.2	97.8	104.5	16
A77027	803	234,000	186,000	91.8	101.0	87.3	98.1	97.8	104.4	16
A77029	804	230,000	186,000	91.8	101.0	86.7	98.0	97.8	104.3	16
A77031	805	220,000	186,000	92.0	100.8	85.3	97.8	97.8	104.2	16
A77032	806	215,000	186,000	92.0	100.7	84.6	97.6	97.8	104.1	16

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-841**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **208635 (NEW IPC R1/R2)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** 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	
A77033	807	210,000	186,000	92.1	100.6	83.9	97.5	97.8	104.0	16
A77034	808	205,000	186,000	92.2	100.5	83.2	97.4	97.8	104.0	16
A77035	809	200,000	186,000	92.2	100.4	82.5	97.2	97.8	103.9	16

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-841**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **208635 (NEW IPC R1/R2), AFM1 performance**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A78860	820	251,000	186,000	91.6	101.3	89.6	98.5	97.8	104.6	-
A78861	821	251,000	186,000	91.6	101.3	89.6	98.5	97.8	104.6	-
A78862	822	247,000	186,000	91.6	101.2	89.0	98.4	97.8	104.6	-
A78867	800	242,000	186,000	91.7	101.1	88.3	98.3	97.8	104.5	-
A78868	801	242,000	186,000	91.7	101.1	88.3	98.3	97.8	104.5	-
A78871	802	238,000	186,000	91.7	101.1	87.7	98.2	97.8	104.5	-
A78872	803	234,000	186,000	91.8	101.0	87.2	98.1	97.8	104.4	-
A78874	804	230,000	186,000	91.8	101.0	86.6	98.0	97.8	104.3	-
A78875	805	220,000	186,000	92.0	100.8	85.2	97.8	97.8	104.2	-
A78876	806	215,000	186,000	92.0	100.7	84.6	97.6	97.8	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-841**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **208635 (NEW IPC R1/R2), AFM1 performance**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A78877	807	210,000	186,000	92.1	100.6	83.9	97.5	97.8	104.0	-
A78878	808	205,000	186,000	92.2	100.5	83.3	97.4	97.8	104.0	-
A78879	809	200,000	186,000	92.3	100.4	82.7	97.2	97.8	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-841**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **209268 (Implementation of High Pressure Turbine Blade durability enhancement package), AFM1 performance**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A78900	820	251,000	186,000	91.6	101.3	89.3	98.5	97.5	104.6	-
A78901	821	251,000	186,000	91.6	101.3	89.3	98.5	97.5	104.6	-
A78902	822	247,000	186,000	91.7	101.2	88.8	98.4	97.5	104.6	-
A78907	800	242,000	186,000	91.7	101.1	88.1	98.3	97.5	104.5	-
A78908	801	242,000	186,000	91.7	101.1	88.1	98.3	97.5	104.5	-
A78911	802	238,000	186,000	91.8	101.1	87.5	98.2	97.5	104.5	-
A78912	803	234,000	186,000	91.8	101.0	87.0	98.1	97.5	104.4	-
A78914	804	230,000	186,000	91.9	101.0	86.4	98.0	97.5	104.3	-
A78915	805	220,000	186,000	92.0	100.8	85.1	97.8	97.5	104.2	-
A78916	806	215,000	186,000	92.1	100.7	84.5	97.6	97.5	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-841**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **209268 (Implementation of High Pressure Turbine Blade durability enhancement package), AFM1 performance**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A78917	807	210,000	186,000	92.1	100.6	83.9	97.5	97.5	104.0	-
A78918	808	205,000	186,000	92.2	100.5	83.3	97.4	97.5	104.0	-
A78919	809	200,000	186,000	92.3	100.4	82.7	97.2	97.5	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-841**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

210021 (Engine intermix (one engine with mod 209268 Implementation of High Pressure Turbine Blade durability enhancement package, one engine with mod 208635 NEW IPC R1/R2)), AFM1 performance

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A78983	820	251,000	186,000	91.6	101.3	89.6	98.5	97.8	104.6	-
A78984	821	251,000	186,000	91.6	101.3	89.6	98.5	97.8	104.6	-
A78985	822	247,000	186,000	91.7	101.2	89.0	98.4	97.8	104.6	-
A78990	800	242,000	186,000	91.7	101.1	88.3	98.3	97.8	104.5	-
A78991	801	242,000	186,000	91.7	101.1	88.3	98.3	97.8	104.5	-
A78994	802	238,000	186,000	91.8	101.1	87.7	98.2	97.8	104.5	-
A78995	803	234,000	186,000	91.8	101.0	87.2	98.1	97.8	104.4	-
A78997	804	230,000	186,000	91.9	101.0	86.6	98.0	97.8	104.3	-
A78998	805	220,000	186,000	92.0	100.8	85.2	97.8	97.8	104.2	-
A78999	806	215,000	186,000	92.1	100.7	84.6	97.6	97.8	104.1	-

¹ See Note 1.



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Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-841**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **210021 (Engine intermix (one engine with mod 209268 Implementation of High Pressure Turbine Blade durability enhancement package, one engine with mod 208635 NEW IPC R1/R2)), AFM1 performance**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A79000	807	210,000	186,000	92.1	100.6	83.9	97.5	97.8	104.0	-
A79001	808	205,000	186,000	92.2	100.5	83.3	97.4	97.8	104.0	-
A79002	809	200,000	186,000	92.3	100.4	82.7	97.2	97.8	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-841**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **AFM1 performance**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A79084	820	251,000	186,000	92.4	101.3	90.4	98.5	98.2	104.6	-
A79085	821	251,000	186,000	92.4	101.3	90.4	98.5	98.2	104.6	-
A79086	822	247,000	186,000	92.4	101.2	89.8	98.4	98.2	104.6	-
A79091	800	242,000	186,000	92.5	101.1	89.1	98.3	98.2	104.5	-
A79092	801	242,000	186,000	92.5	101.1	89.1	98.3	98.2	104.5	-
A79095	802	238,000	186,000	92.5	101.1	88.6	98.2	98.2	104.5	-
A79096	803	234,000	186,000	92.6	101.0	88.0	98.1	98.2	104.4	-
A79098	804	230,000	186,000	92.6	101.0	87.5	98.0	98.2	104.3	-
A79099	805	220,000	186,000	92.7	100.8	86.2	97.8	98.2	104.2	-
A79100	806	215,000	186,000	92.8	100.7	85.6	97.6	98.2	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-841**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **AFM1 performance**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A79101	807	210,000	186,000	92.8	100.6	84.9	97.5	98.2	104.0	-
A79102	808	205,000	186,000	92.9	100.5	84.3	97.4	98.2	104.0	-
A79103	809	200,000	186,000	93.0	100.4	83.7	97.2	98.2	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-841**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

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 8 / Amendment 12** 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	
A75479	820	251,000	186,000	92.4	101.3	90.5	98.5	98.4	104.6	-
A75480	821	251,000	186,000	92.4	101.3	90.5	98.5	98.4	104.6	-
A75481	822	247,000	186,000	92.5	101.2	89.9	98.4	98.4	104.6	-
A75486	800	242,000	186,000	92.5	101.1	89.2	98.3	98.4	104.5	-
A75487	801	242,000	186,000	92.5	101.1	89.2	98.3	98.4	104.5	-
A75490	802	238,000	186,000	92.6	101.1	88.6	98.2	98.4	104.5	-
A75491	803	234,000	186,000	92.6	101.0	88.1	98.1	98.4	104.4	-
A75493	804	230,000	186,000	92.7	101.0	87.5	98.0	98.4	104.3	-
A75495	805	220,000	186,000	92.8	100.8	86.2	97.8	98.4	104.2	-
A75496	806	215,000	186,000	92.8	100.7	85.6	97.6	98.4	104.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-841**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

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 8 / Amendment 12** 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	
A75497	807	210,000	186,000	92.9	100.6	85.0	97.5	98.4	104.0	-
A75498	808	205,000	186,000	93.0	100.5	84.3	97.4	98.4	104.0	-
A75499	809	200,000	186,000	93.1	100.4	83.7	97.2	98.4	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-941**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **208635 (IPC R1/R2 Implementation), 208761 (AFM Step 3+ Performance)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A77753	921	251,000	191,000	91.6	101.3	89.6	98.5	97.8	104.6	-
A77754	920	251,000	191,000	91.6	101.3	89.6	98.5	97.8	104.6	-
A77756	922	247,000	191,000	91.6	101.2	89.0	98.4	97.8	104.6	-
A77758	910	245,000	191,000	91.6	101.2	88.7	98.4	97.8	104.6	-
A77759	911	245,000	191,000	91.6	101.2	88.7	98.4	97.8	104.6	-
A77762	901	242,000	191,000	91.7	101.1	88.3	98.3	97.8	104.5	-
A77763	900	242,000	191,000	91.7	101.1	88.3	98.3	97.8	104.5	-
A77764	912	241,000	191,000	91.7	101.1	88.1	98.3	97.8	104.5	-
A77765	902	238,000	191,000	91.7	101.1	87.7	98.2	97.8	104.5	-
A77766	903	234,000	191,000	91.8	101.0	87.1	98.1	97.8	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-941**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **208635 (IPC R1/R2 Implementation), 208761 (AFM Step 3+ Performance)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A77768	904	230,000	191,000	91.8	101.0	86.6	98.0	97.8	104.3	-
A77769	905	220,000	191,000	92.0	100.8	85.2	97.8	97.8	104.2	-
A77770	906	215,000	191,000	92.1	100.7	84.5	97.6	97.8	104.1	-
A77771	907	210,000	191,000	92.1	100.6	83.9	97.5	97.8	104.0	-
A77772	908	205,000	191,000	92.2	100.5	83.1	97.4	97.8	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-941**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **208761 (AFM Step 3+ Performance)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A77713	921	251,000	191,000	92.3	101.3	90.3	98.5	98.2	104.6	-
A77714	920	251,000	191,000	92.3	101.3	90.3	98.5	98.2	104.6	-
A77716	922	247,000	191,000	92.4	101.2	89.8	98.4	98.2	104.6	-
A77718	910	245,000	191,000	92.4	101.2	89.5	98.4	98.2	104.6	-
A77719	911	245,000	191,000	92.4	101.2	89.5	98.4	98.2	104.6	-
A77722	901	242,000	191,000	92.5	101.1	89.1	98.3	98.2	104.5	-
A77723	900	242,000	191,000	92.5	101.1	89.1	98.3	98.2	104.5	-
A77724	912	241,000	191,000	92.5	101.1	88.9	98.3	98.2	104.5	-
A77725	902	238,000	191,000	92.5	101.1	88.5	98.2	98.2	104.5	-
A77726	903	234,000	191,000	92.6	101.0	88.0	98.1	98.2	104.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-941**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **208761 (AFM Step 3+ Performance)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A77728	904	230,000	191,000	92.6	101.0	87.4	98.0	98.2	104.3	-
A77729	905	220,000	191,000	92.7	100.8	86.1	97.8	98.2	104.2	-
A77730	906	215,000	191,000	92.8	100.7	85.5	97.6	98.2	104.1	-
A77731	907	210,000	191,000	92.9	100.6	84.9	97.5	98.2	104.0	-
A77732	908	205,000	191,000	92.9	100.5	84.2	97.4	98.2	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-941**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **209268 (Installation of HPTB durability enhancement package), 208761 (AFM Step 3+ Performance)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A78602	921	251,000	191,000	91.6	101.3	89.2	98.5	97.6	104.6	17
A78603	920	251,000	191,000	91.6	101.3	89.2	98.5	97.6	104.6	17
A78605	922	247,000	191,000	91.7	101.2	88.7	98.4	97.6	104.6	17
A78607	910	245,000	191,000	91.7	101.2	88.5	98.4	97.6	104.6	17
A78611	901	242,000	191,000	91.7	101.1	88.0	98.3	97.6	104.5	17
A78612	900	242,000	191,000	91.7	101.1	88.0	98.3	97.6	104.5	17
A78613	912	241,000	191,000	91.7	101.1	87.9	98.3	97.6	104.5	17
A78614	902	238,000	191,000	91.8	101.1	87.5	98.2	97.6	104.5	17
A78615	903	234,000	191,000	91.8	101.0	86.9	98.1	97.6	104.4	17
A78617	904	230,000	191,000	91.9	101.0	86.4	98.0	97.6	104.3	17

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-941**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **209268 (Installation of HPTB durability enhancement package),
208761 (AFM Step 3+ Performance)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A78618	905	220,000	191,000	92.0	100.8	85.0	97.8	97.6	104.2	17
A78619	906	215,000	191,000	92.1	100.7	84.4	97.6	97.6	104.1	17
A78620	907	210,000	191,000	92.2	100.6	83.8	97.5	97.6	104.0	17
A78621	908	205,000	191,000	92.3	100.5	83.1	97.4	97.6	104.0	17

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-941**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **210021 (Engine intermix (one engine with mod 209268 Implementation of High Pressure Turbine Blade durability enhancement package, one engine with mod 208635 NEW IPC R1/R2)), 208761 (AFM Step 3+ Performance)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A79023	921	251,000	191,000	91.6	101.3	89.6	98.5	97.8	104.6	-
A79024	920	251,000	191,000	91.6	101.3	89.6	98.5	97.8	104.6	-
A79026	922	247,000	191,000	91.7	101.2	89.0	98.4	97.8	104.6	-
A79028	910	245,000	191,000	91.7	101.2	88.7	98.4	97.8	104.6	-
A79029	911	245,000	191,000	91.7	101.2	88.7	98.4	97.8	104.6	-
A79032	901	242,000	191,000	91.7	101.1	88.3	98.3	97.8	104.5	-
A79033	900	242,000	191,000	91.7	101.1	88.3	98.3	97.8	104.5	-
A79034	912	241,000	191,000	91.7	101.1	88.1	98.3	97.8	104.5	-
A79035	902	238,000	191,000	91.8	101.1	87.7	98.2	97.8	104.5	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-941**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **210021 (Engine intermix (one engine with mod 209268 Implementation of High Pressure Turbine Blade durability enhancement package, one engine with mod 208635 NEW IPC R1/R2)), 208761 (AFM Step 3+ Performance)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
A79036	903	234,000	191,000	91.8	101.0	87.1	98.1	97.8	104.4	-
A79038	904	230,000	191,000	91.9	101.0	86.6	98.0	97.8	104.3	-
A79039	905	220,000	191,000	92.0	100.8	85.2	97.8	97.8	104.2	-
A79040	906	215,000	191,000	92.1	100.7	84.5	97.6	97.8	104.1	-
A79041	907	210,000	191,000	92.2	100.6	83.9	97.5	97.8	104.0	-
A79042	908	205,000	191,000	92.3	100.5	83.1	97.4	97.8	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-941**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

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 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	
A73931	921	251,000	191,000	92.2	101.3	91.0	98.5	98.4	104.6	18
A77058	920	251,000	191,000	92.2	101.3	91.0	98.5	98.4	104.6	18
A73930	922	247,000	191,000	92.3	101.2	90.4	98.4	98.4	104.6	18
A73927	901	242,000	191,000	92.3	101.1	89.6	98.3	98.4	104.5	18
A73928	900	242,000	191,000	92.3	101.1	89.6	98.3	98.4	104.5	18
A73926	902	238,000	191,000	92.4	101.1	89.1	98.2	98.4	104.5	18
A73925	903	234,000	191,000	92.4	101.0	88.5	98.1	98.4	104.4	18
A73923	904	230,000	191,000	92.5	101.0	87.9	98.0	98.4	104.3	18
A73921	905	220,000	191,000	92.6	100.8	86.5	97.8	98.4	104.2	18
A73920	906	215,000	191,000	92.6	100.7	85.9	97.6	98.4	104.1	18

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-941**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

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 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	
A73919	907	210,000	191,000	92.7	100.6	85.2	97.5	98.4	104.0	18
A73918	908	205,000	191,000	92.8	100.5	84.6	97.4	98.4	104.0	18

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A330-941**

Engine TC Holder **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent 7000-72**

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 8 / Amendment 12** 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	
A73915	910	245,000	191,000	92.3	101.2	90.1	98.4	98.4	104.6	18
A75560	911	245,000	191,000	92.3	101.2	90.1	98.4	98.4	104.6	18
A75564	912	241,000	191,000	92.3	101.1	89.5	98.3	98.4	104.5	18

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.

TCDSN EASA.A.004 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. Neither engine with improved hardwall forward fancase (Mod 202689)
3. Neither engine with acoustically treated thrust reverser bifurcations (Mod 202477)
4. CF6-80E1A4/A2 is CF6-80E1A4 de-rated to 67,500 lbs via Mod 46549
5. CF6-80E1A4/A2 is CF6-80E1A4 de-rated to 67,500 lbs via Mod 46549. Neither engine with acoustically treated thrust reverser bifurcations (Mod 202477)
6. CF6-80E1A4/A2 is CF6-80E1A4 de-rated to 67,500 lbs via Mod 46549. Neither engine with improved hardwall forward fancase (Mod 202689)
7. CF6-80E1A4/B is CF6-80E1A4 with thrust increased to CF6-80E1A3 rating (72,000 lbs) via Mod 52776
8. CF6-80E1A4/B is CF6-80E1A4 with thrust increased to CF6-80E1A3 rating (72,000 lbs) via Mod 52776. Neither engine with improved hardwall forward fancase (Mod 202689)
9. CF6-80E1A4/B is CF6-80E1A4 with thrust increased to CF6-80E1A3 rating (72,000 lbs) via Mod 52776. Neither engine with acoustically treated thrust reverser bifurcations (Mod 202477)
10. Valid for PW4170 engine with Mod 58344 ("Advantage 70" performance kit and de-rate to 68.000 lb) or PW4168A engine with Mod 58956 ("Advantage 70" performance kit) and Mod 54304 (kevlar front and aft fan containment case (Mod 47218) and new intermediate fan case (Mod 47277)).
11. Valid for PW4168A engine with kevlar front and aft fan containment case, PW4170 engine with Mod 58344 ("Advantage 70" performance kit and de-rate to 68.000 lb).
12. Valid for PW4170 engine with Mod 58344 ("Advantage 70" performance kit and de-rate to 68.000 lb).
13. Valid for PW4164 engine with Mod 57227 (part "Advantage 70" performance kit) and Mod 54304 (kevlar front and aft fan containment case (Mod 47218) and new intermediate fan case (Mod 47277)).
14. Valid for PW4164 engine with Mod 58777 ("Advantage 70" performance kit) and Mod 54304 (kevlar front and aft fan containment case (Mod 47218) and new intermediate fan case (Mod 47277)).
15. Valid for engines with either basic GB2 or GB2C fan blades (Mod 45617)
16. Also applicable to aircraft fitted with Mod. 209268 (High Pressure Turbine Blade (HPTB) durability enhancement package)
17. Mod. 208635 (R1/R2 implementation) is covered under mod. 209268
18. Also applicable to aircraft fitted with Mod 208635 (New IPC R1/R2)



Change Record

Issue	Date	Changes
Issue 1	08 January 2007	Initial Issue
Issue 2	22 March 2007	Added records A5611-A5625
Issue 3	30 April 2007	Added records A5801-5807, record A5615 deleted, added records A5786-A5792
Issue 4	08 April 2008	Several records revised. For details, see Issue 4.
Issue 5	20 October 2009	Several records revised. For details, see Issue 5.
Issue 6	09 April 2010	Removed references to Mod 55005 from Chapter 4 records and deleted corresponding Chapter 3 records. Added record A14204, A14205 and A14212.
Issue 7	06 July 2010	Revised noise levels for A330-223 and A330-323 with PW4170 engines and "Advantage 70" Mod 57168 or Mod 58327 embodied.
Issue 8	10 September 2010	Revised
Issue 9	27 September 2010	WV 057 and 058 added; WV 002 of A330-243F removed; Record A14213 added
Issue 10	07 October 2010	Added records A15201-A15208 ; Revised engine modification and description of records A2941, A2926, A2931, A2945, A2950, A2930, A2939, A2921 ; Revised noise levels of records A7015-A7022
Issue 11	14 December 2010	Updated records related to A330-321 and A330-322 models
Issue 12	26 December 2011	Revised.
Issue 13	16 May 2012	Revised
Issue 14	11 July 2012	Introduction of modification 200946
Issue 15	09 November 2012	Added weight variant 056
Issue 16	25 April 2013	Revised
Issue 17	20 September 2013	Revised
Issue 18	15 November 2013	Addition of WV057 for A330-323/-342/-343
Issue 19	24 October 2014	Addition of WV058 for A330-342/-343
Issue 20	16 January 2015	Addition of GE CF6-80E1A2 on A330-302; Addition of PW 4164-1D on A330-323; Addition of RR Trent 768-60 on A330-343; Addition of WVs 030, 031, 032, 033, 034, 035, and 039 on A330-302, -323, and -343
Issue 21	23 March 2015	Addition of WVs 059, 060, 026 and 027 on A330-323 Addition of WV 053 on A330-202 and -203 Addition of WVs 063 and 064 on A330-223
Issue 22	06 August 2015	Addition of WVs 080, 081, 082 and 083 on A330-302, -303, -323, -342 and -343
Issue 23	04 January 2016	Addition of WVs 080, 081, 082 and 083 on A330-202, -203, -223 and -243
Issue 24	02 February 2017	Addition of WV062 for A330-243 fitted with Trent 772B-60; Removed records for A330-243 fitted with Trent 772-60 engines; Changed for A330-223 modification number from 57277 to 57227.
Issue 25	06 March 2017	Added mod. 52776 to box 12 for configurations fitted with CF6-80E1A4/B engines
Issue 26	25 September 2017	TC-holder address revised
Issue 27	15 June 2018	Revised
Issue 28	26 September 2018	Introduction of model A330-941, added A330-243F WV 000 and WV 002
Issue 29	12 April 2019	Added record A74263
Issue 30	19 November 2019	Introduction of model A330-743L
Issue 31	12 February 2020	Introduction of model A330-841



Issue	Date	Changes
Issue 32	19 May 2020	Addition of WV 910, WV 911 and WV 912 on A330-941; Added information on Mod. 208635 (New IPC R1/R2) as a note to A330-841 and A330-941
Issue 33	15 January 2021	Addition of WV 920, WV 921 and WV 922 on A330-941
Issue 34	19 April 2021	Added A330-941 with Mod. 208761 and Mod. 208635 + 208761
Issue 35	07 July 2021	Addition of WVs 805-809 for A330-841 and WVs 905-908 for A330-941
Issue 36	13 May 2022	Addition of WV 820, WV 821 and WV 822 on A330-841
Issue 37	23 August 2022	Addition A330-941 with Mod. 209268; Added note to A330-841 related to Mod. 209268
Issue 38	29 November 2022	Addition A330-841 and A330-841 with Mod. 210021
Issue 39	01 December 2022	Fixed issue with duplicated record numbers
Issue 40	21 February 2023	Addition A330-743L with Mod. 209598 (Take-off performance improvement)
Issue 41	13 September 2023	Amended records for A330-841 fitted with mod 210021 (engine intermix)
Issue 42	12 March 2025	For A330-841 records with mod 210021 (engine intermix) and AFM1 performance revised; for A330-941 records with mod 210021 (engine intermix) and AFM3+ performance revised

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