



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.151

for

AIRBUS A350

Type Certificate Holder:

Airbus S.A.S.

2 Rond-point Emile Dewoitine

31700 Blagnac

France

For models:

A350-1041

A350-941



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Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-1041**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-97**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **115380 (Mk 1.5 Combustor)**

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	
A75628	002	316,000	236,000	94.7	102.1	89.8	99.9	96.8	105.0	-
A75637	011	316,000	233,000	94.7	102.1	89.8	99.9	96.7	105.0	-
A75630	001	311,000	236,000	94.8	102.1	89.2	99.8	96.8	105.0	-
A75631	004	308,000	236,000	94.8	102.0	88.8	99.7	96.8	105.0	-
A75632	000	308,000	233,000	94.8	102.0	88.8	99.7	96.7	105.0	-
A75633	010	300,000	233,000	94.9	101.9	87.9	99.6	96.7	105.0	-
A75634	009	290,000	233,000	95.0	101.8	86.8	99.4	96.7	105.0	-
A75636	005	270,000	236,000	95.1	101.5	84.5	99.0	96.8	104.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-1041**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-97**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **115380 (Mk 1.5 Combustor)**

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	
A79146	014	313,850	233,000	94.7	102.1	89.5	99.8	96.7	105.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-1041**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-97**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **115380 and 117779 (Mk 1.5 Combustor and Step 7 Low Speed Performance Improvement Package)**

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	
A79150	008	322,000	236,000	94.8	102.2	90.0	100.0	96.8	105.0	2
A79151	006	319,000	236,000	94.9	102.2	89.6	99.9	96.8	105.0	2
A79153	002	316,000	236,000	94.9	102.1	89.2	99.9	96.8	105.0	2
A79154	011	316,000	233,000	94.9	102.1	89.2	99.9	96.7	105.0	2
A79155	001	311,000	236,000	94.9	102.1	88.7	99.8	96.8	105.0	3
A79156	004	308,000	236,000	95.0	102.0	88.4	99.7	96.8	105.0	3
A79157	000	308,000	233,000	95.0	102.0	88.4	99.7	96.7	105.0	3
A79159	010	300,000	233,000	95.0	101.9	87.5	99.6	96.7	105.0	3
A79162	009	290,000	233,000	95.1	101.8	86.4	99.4	96.7	105.0	3
A79166	005	270,000	236,000	95.3	101.5	84.2	99.0	96.8	104.9	3

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-1041**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-97**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **116225 (Engine intermix, one engine with Mk 1.5 Combustor)**

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	
A75643	002	316,000	236,000	94.8	102.1	89.8	99.9	97.0	105.0	-
A75644	011	316,000	233,000	94.8	102.1	89.8	99.9	97.0	105.0	-
A75646	001	311,000	236,000	94.8	102.1	89.2	99.8	97.0	105.0	-
A75647	004	308,000	236,000	94.9	102.0	88.8	99.7	97.0	105.0	-
A75648	000	308,000	233,000	94.9	102.0	88.8	99.7	97.0	105.0	-
A75649	010	300,000	233,000	95.0	101.9	87.9	99.6	97.0	105.0	-
A75650	009	290,000	233,000	95.1	101.8	86.8	99.4	97.0	105.0	-
A75651	005	270,000	236,000	95.3	101.5	84.5	99.0	97.0	104.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-1041**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-97**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **116225 (Engine intermix, one engine with Mk 1.5 Combustor)**

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	
A79147	014	313,850	233,000	94.8	102.1	89.5	99.8	97.0	105.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-1041**
 Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-97**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 7 / Amendment 11-B** Chapter¹ **14**

EASA Record No.	Variant	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
		Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A72465	002	316,000	236,000	94.8	102.1	89.2	99.9	97.0	105.0	-
A72463	001	311,000	236,000	94.8	102.1	88.7	99.8	97.0	105.0	-
A73722	004	308,000	236,000	94.9	102.0	88.3	99.7	97.0	105.0	-
A72462	000	308,000	233,000	94.9	102.0	88.3	99.7	97.0	105.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-1041**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-97**

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	
A75639	011	316,000	233,000	94.8	102.1	89.2	99.9	97.0	105.0	-
A75411	010	300,000	233,000	95.0	101.9	87.4	99.6	97.0	105.0	-
A75410	009	290,000	233,000	95.1	101.8	86.4	99.4	97.0	105.0	-
A75409	005	270,000	236,000	95.3	101.5	84.3	99.0	97.0	104.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-1041**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-97**

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 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	
A79148	014	313,850	233,000	94.8	102.1	89.0	99.8	97.0	105.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-941**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-75**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **117155 (Step 7.1 Low Speed Performance Improvement Package)**

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	
A77828	011	255,000	207,000	90.4	101.3	85.0	98.6	96.5	104.7	-
A77829	012	250,000	207,000	90.5	101.3	84.5	98.5	96.5	104.6	-
A77830	005	250,000	205,000	90.5	101.3	84.5	98.5	96.4	104.6	-
A77832	008	240,000	207,000	90.6	101.1	83.3	98.3	96.5	104.5	-
A77833	014	235,000	207,000	90.7	101.0	82.7	98.2	96.5	104.4	-
A77834	019	235,000	205,000	90.7	101.0	82.7	98.2	96.4	104.4	-
A77836	018	217,000	207,000	90.9	100.7	80.7	97.7	96.5	104.1	-
A77837	017	210,000	205,000	91.0	100.6	79.9	97.5	96.4	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-941**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-75**

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	
A75206	010	280,000	207,000	89.9	101.7	88.5	99.2	96.5	105.0	-
A75207	013	280,000	205,000	89.9	101.7	88.5	99.2	96.4	105.0	4
A75413	023	280,000	205,000	89.9	101.7	88.5	99.2	96.4	105.0	-
A75208	016	278,000	207,000	90.0	101.7	88.1	99.1	96.5	105.0	-
A75209	015	277,000	205,000	90.0	101.6	87.9	99.1	96.4	105.0	-
A75210	001	275,000	207,000	90.1	101.6	87.4	99.1	96.5	104.9	-
A75211	009	275,000	207,000	90.1	101.6	87.4	99.1	96.5	104.9	5
A75213	002	272,000	207,000	90.2	101.6	87.0	99.0	96.5	104.9	-
A75215	003	268,000	207,000	90.3	101.5	86.6	98.9	96.5	104.9	-
A75216	007	268,000	207,000	90.3	101.5	86.6	98.9	96.5	104.9	-

¹ See Note 1.



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Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-75**

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	
A75217	000	268,000	205,000	90.3	101.5	86.6	98.9	96.4	104.9	-
A75220	004	260,000	207,000	90.3	101.4	85.6	98.7	96.5	104.8	-
A75223	011	255,000	207,000	90.4	101.3	85.0	98.6	96.5	104.7	-
A75225	012	250,000	207,000	90.5	101.3	84.5	98.5	96.5	104.6	-
A75226	005	250,000	205,000	90.5	101.3	84.5	98.5	96.4	104.6	-
A75228	008	240,000	207,000	90.6	101.1	83.3	98.3	96.5	104.5	-
A75230	014	235,000	207,000	90.7	101.0	82.8	98.2	96.5	104.4	-
A75231	019	235,000	205,000	90.7	101.0	82.8	98.2	96.4	104.4	-
A75408	018	217,000	207,000	90.9	100.7	80.7	97.7	96.5	104.1	-
A75640	017	210,000	205,000	91.0	100.6	79.9	97.5	96.4	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-941**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **117155 and 116085 (Step 7.1 Low Speed Performance Improvement Package and Forward CG limit extension at take-off)**

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	
A77850	002	272,000	207,000	91.5	101.6	85.2	99.0	96.5	104.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-941**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **117155 and 116086 (Step 7.1 Low Speed Performance Improvement Package and Forward CG limit extension at take-off)**

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	
A77851	006	272,000	207,000	91.5	101.6	85.2	99.0	96.5	104.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-941**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **117155 and 116088 (Step 7.1 Low Speed Performance Improvement Package and Forward CG limit extension at take-off)**

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	
A77853	003	268,000	207,000	91.6	101.5	84.7	98.9	96.5	104.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-941**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **117155 and 116089 (Step 7.1 Low Speed Performance Improvement Package and Forward CG limit extension at take-off)**

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	
A77854	007	268,000	207,000	91.6	101.5	84.7	98.9	96.5	104.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-941**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **117155 and 116090 (Step 7.1 Low Speed Performance Improvement Package and Forward CG limit extension at take-off)**

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	
A77855	000	268,000	205,000	91.6	101.5	84.7	98.9	96.4	104.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-941**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **117155 and 116091 (Step 7.1 Low Speed Performance Improvement Package and Forward CG limit extension at take-off)**

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	
A77842	010	280,000	207,000	91.4	101.7	86.2	99.2	96.5	105.0	-

¹ See Note 1.



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Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **117155 and 116092 (Step 7.1 Low Speed Performance Improvement Package and Forward CG limit extension at take-off)**

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	
A77843	013	280,000	205,000	91.4	101.7	86.2	99.2	96.4	105.0	4

¹ See Note 1.



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Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **117155 and 116093 (Step 7.1 Low Speed Performance Improvement Package and Forward CG limit extension at take-off)**

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	
A77844	023	280,000	205,000	91.4	101.7	86.2	99.2	96.4	105.0	-

¹ See Note 1.



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Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **117155 and 116094 (Step 7.1 Low Speed Performance Improvement Package and Forward CG limit extension at take-off)**

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	
A77845	016	278,000	207,000	91.4	101.7	85.9	99.1	96.5	105.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-941**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **117155 and 116095 (Step 7.1 Low Speed Performance Improvement Package and Forward CG limit extension at take-off)**

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	
A77846	015	277,000	205,000	91.5	101.6	85.8	99.1	96.4	105.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-941**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **117155 and 116096 (Step 7.1 Low Speed Performance Improvement Package and Forward CG limit extension at take-off)**

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	
A77847	001	275,000	207,000	91.5	101.6	85.5	99.1	96.5	104.9	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-941**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **117155 or 120532 (Step 7.1 Low Speed Performance Improvement Package and MTOM increase)**

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	
A77841	020	283,000	207,000	91.4	101.7	86.7	99.2	96.5	105.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus S.A.S.** Aircraft Type Designation¹ **A350-941**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **117155 or 120532 (Step 7.1 Low Speed Performance Improvement Package)**

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	
A77795	010	280,000	207,000	91.5	101.7	86.4	99.2	96.5	105.0	-
A77796	013	280,000	205,000	91.5	101.7	86.4	99.2	96.4	105.0	4
A77797	023	280,000	205,000	91.5	101.7	86.4	99.2	96.4	105.0	-
A77798	016	278,000	207,000	91.5	101.7	86.2	99.1	96.5	105.0	-
A77799	015	277,000	205,000	91.5	101.6	86.0	99.1	96.4	105.0	-
A77800	001	275,000	207,000	91.5	101.6	85.7	99.1	96.5	104.9	-
A77801	009	275,000	207,000	91.5	101.6	85.7	99.1	96.5	104.9	5
A77803	002	272,000	207,000	91.5	101.6	85.3	99.0	96.5	104.9	-
A77804	006	272,000	207,000	91.5	101.6	85.3	99.0	96.5	104.9	-
A77807	003	268,000	207,000	91.6	101.5	84.8	98.9	96.5	104.9	-

¹ See Note 1.



/continued on next page

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Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **117155 or 120532 (Step 7.1 Low Speed Performance Improvement Package)**

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	
A77808	007	268,000	207,000	91.6	101.5	84.8	98.9	96.5	104.9	-
A77809	000	268,000	205,000	91.6	101.5	84.8	98.9	96.4	104.9	-
A77813	004	260,000	207,000	91.7	101.4	83.9	98.7	96.5	104.8	-
A77815	011	255,000	207,000	91.8	101.3	83.4	98.6	96.5	104.7	-
A77816	012	250,000	207,000	91.8	101.3	82.8	98.5	96.5	104.6	-
A77817	005	250,000	205,000	91.8	101.3	82.8	98.5	96.4	104.6	-
A77820	008	240,000	207,000	91.9	101.1	81.8	98.3	96.5	104.5	-
A77821	014	235,000	207,000	92.0	101.0	81.3	98.2	96.5	104.4	-
A77822	019	235,000	205,000	92.0	101.0	81.3	98.2	96.4	104.4	-
A77826	018	217,000	207,000	92.3	100.7	79.7	97.7	96.5	104.1	-

¹ See Note 1.



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Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **117155 or 120532 (Step 7.1 Low Speed Performance Improvement Package)**

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	
A77827	017	210,000	205,000	92.3	100.6	78.9	97.5	96.4	104.0	-

¹ See Note 1.



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Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

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	
A73727	010	280,000	207,000	91.5	101.7	86.5	99.2	96.5	105.0	-
A73728	013	280,000	205,000	91.5	101.7	86.5	99.2	96.4	105.0	4
A75412	023	280,000	205,000	91.5	101.7	86.5	99.2	96.4	105.0	-
A75205	016	278,000	207,000	91.5	101.7	86.2	99.1	96.5	105.0	-
A71928	015	277,000	205,000	91.5	101.6	86.1	99.1	96.4	105.0	-
A70083	001	275,000	207,000	91.5	101.6	85.8	99.1	96.5	104.9	-
A72271	009	275,000	207,000	91.5	101.6	85.8	99.1	96.5	104.9	5
A70081	002	272,000	207,000	91.5	101.6	85.3	99.0	96.5	104.9	-
A75478	006	272,000	207,000	91.5	101.6	85.3	99.0	96.5	104.9	-
A70657	003	268,000	207,000	91.6	101.5	84.8	98.9	96.5	104.9	-

¹ See Note 1.



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Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

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	
A71729	007	268,000	207,000	91.6	101.5	84.8	98.9	96.5	104.9	-
A70079	000	268,000	205,000	91.6	101.5	84.8	98.9	96.4	104.9	-
A70658	004	260,000	207,000	91.7	101.4	84.0	98.7	96.5	104.8	-
A71506	011	255,000	207,000	91.8	101.3	83.4	98.6	96.5	104.7	-
A72466	012	250,000	207,000	91.8	101.3	82.9	98.5	96.5	104.6	-
A70073	005	250,000	205,000	91.8	101.3	82.9	98.5	96.4	104.6	-
A71440	008	240,000	207,000	92.0	101.1	81.8	98.3	96.5	104.5	-
A71552	014	235,000	207,000	92.0	101.0	81.3	98.2	96.5	104.4	-
A70070	019	235,000	205,000	92.0	101.0	81.3	98.2	96.4	104.4	-
A75407	018	217,000	207,000	92.3	100.7	79.7	97.7	96.5	104.1	-

¹ See Note 1.



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Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **Trent XWB-84**

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	
A75642	017	210,000	205,000	92.2	100.6	78.9	97.5	96.4	104.0	-

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.151 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. also applicable to aircraft fitted w/wo 114913 (Enhanced Take-off Configuration), w/wo 116097 (Extension of CG limits)
3. also applicable to aircraft fitted w/wo 114913 (Enhanced Take-off Configuration), w/wo 116096 (Extension of CG limits)
4. WV013 is dedicated to A350-900 specific operations with forward cargo compartment removed
5. MZFW different from WV 001



Change Record

Issue	Date	Changes
Issue 1	30 September 2014	Initial Issue
Issue 2	31 August 2015	Added WVs 003 and 004
Issue 3	22 February 2016	Added WVs 005 and 008
Issue 4	24 October 2016	Added WVs 007, 011 and 014
Issue 5	08 December 2016	Added WV 002
Issue 6	22 May 2017	Approach noise levels revised
Issue 7	30 June 2017	Added WVs 009 and 015
Issue 8	21 November 2017	Added WV 012 for model A350-941, Addition of A350-1000
Issue 9	22 December 2017	Added WV 001 for model A350-1041
Issue 10	29 January 2018	Correction of Lateral noise level for WV 001 for model A350-1041
Issue 11	29 May 2018	Added WVs 002 and 004 for model A350-1041
Issue 12	27 June 2018	Added WV 010 for model A350-941; Several noise levels of model A350-941 updated after recertification
Issue 13	26 September 2018	Added WV 013 for model A350-941
Issue 14	12 March 2019	Added WV 016 and engine RR Trent XWB-75 for model A350-941; Re-Certification of both models A350-941 and A350-1041 to ICAO Annex 16, Chapter 14
Issue 15	15 May 2019	Added WV 018 for model A350-941
Issue 16	14 June 2019	Corrected wrong approach noise limits for records A72462, A72463, A72465 and A73722
Issue 17	02 July 2019	Added WV 023 and added WVs 005, 009 and 010 for model A350-1041
Issue 18	09 August 2019	Added WV 019 for model A350-941
Issue 19	12 November 2019	Added WV 006 for model A350-941
Issue 20	16 June 2020	Added WV 011 for model A350-1041
Issue 21	26 June 2020	Added WV 017 for model A350-941, Added records with mod. 115380 (Mk 1.5 Combustor) for model A350-1041
Issue 22	16 December 2021	Added records with mod 117155 (Step 7.1 Low Speed Performance Improvement Package), mod 116085 (Forward CG limit extension at take-off) or 116095 (Forward CG limit extension at take-off)
Issue 23	04 January 2022	Added WV 020 for model A350-941
Issue 24	16 February 2022	Removed records A77823, A77824 and A77825
Issue 25	27 March 2023	Added WV 014 for model A350-1041
Issue 26	05 September 2023	Added records A79150, A79151, A79153-A79157, A79159, A79162 and A79166 for model A350-1041
Issue 27	05 December 2024	Revised records A75411, A75633 and A79159; Added mod. 120532 for model A350-941 fitted with Trent XWB-84 and Step 7.1 Low Speed Performance Improvement Package

