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# 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 Holder<sup>1</sup>      **Airbus S.A.S.**      Aircraft Type Designation<sup>1</sup>      **A350-1041**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Trent XWB-97**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 7 / Amendment 11-B**      Chapter<sup>1</sup>      **14**

EASA Record No.	Variant	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
		Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A72465	002	316.000	236.000	94,8	102,1	89,2	99,9	97,0	105,0	-
A75639	011	316.000	233.000	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	-
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	-

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



Type Certificate Holder<sup>1</sup>      **Airbus S.A.S.**      Aircraft Type Designation<sup>1</sup>      **A350-1041**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Trent XWB-97**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **115380 (Mk 1.5 Combustor)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 8 / Amendment 12**      Chapter<sup>1</sup>      **14**

EASA Record No.	Variant	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
		Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	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	96,8	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	-

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



Type Certificate Holder<sup>1</sup>      **Airbus S.A.S.**      Aircraft Type Designation<sup>1</sup>      **A350-941**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Trent XWB-75**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 7 / Amendment 11-B**      Chapter<sup>1</sup>      **14**

EASA Record No.	Variant	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
		Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	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	2
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	3
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	-

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

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Type Certificate Holder<sup>1</sup>      **Airbus S.A.S.**      Aircraft Type Designation<sup>1</sup>      **A350-941**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Trent XWB-75**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 7 / Amendment 11-B**      Chapter<sup>1</sup>      **14**

EASA Record No.	Variant	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
		Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	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	-

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



Type Certificate Holder<sup>1</sup>      **Airbus S.A.S.**      Aircraft Type Designation<sup>1</sup>      **A350-941**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 8 / Amendment 12**      Chapter<sup>1</sup>      **14**

EASA Record No.	Variant	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
		Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	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	2
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	3
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	-

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

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Type Certificate Holder<sup>1</sup>      **Airbus S.A.S.**      Aircraft Type Designation<sup>1</sup>      **A350-941**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 8 / Amendment 12**      Chapter<sup>1</sup>      **14**

EASA Record No.	Variant	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
		Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	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	-

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

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Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Trent XWB-84**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 8 / Amendment 12**      Chapter<sup>1</sup>      **14**

EASA Record No.	Variant	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
		Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A75642	017	<b>210.000</b>	<b>205.000</b>	<b>92,2</b>	<b>100,6</b>	<b>78,9</b>	<b>97,5</b>	<b>96,4</b>	<b>104,0</b>	-

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



**CS-36 Amendment level**

ICAO, Annex 16, Volume 1 Amendment level	7	8	9	10	11-B	12
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5

**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. WV013 is dedicated to A350-900 specific operations with forward cargo compartment removed
3. 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

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