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## **TYPE-CERTIFICATE DATA SHEET FOR NOISE**

**No. EASA.R.105**

**for**

**SA 365 / AS 365 / EC 155**

**Type Certificate Holder:**

**Airbus Helicopters**

Aéroport International Marseille - Provence

13725 Marignane cedex

France

For models: SA 365 C1, SA 365 C2, SA 365 C3, SA 365 N, SA 365 N1  
AS 365 N2, AS 365 N3  
EC 155 B, EC 155 B1



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Type Certificate Holder<sup>1</sup>      **Airbus Helicopters**      Aircraft Type Designation<sup>1</sup>      **AS 365 N2**

Engine Manufacturer<sup>1</sup>      **Safran Helicopter Engines**      Engine Type Designation<sup>1</sup>      **Arriel 1C2**

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

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
D198	<b>4,250</b>	<b>4,250</b>	<b>93.2</b>	<b>96.3</b>	<b>91.2</b>	<b>95.3</b>	<b>96.1</b>	<b>97.3</b>	-

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



Type Certificate Holder<sup>1</sup>      **Airbus Helicopters**      Aircraft Type Designation<sup>1</sup>      **AS 365 N3**

Engine Manufacturer<sup>1</sup>      **Safran Helicopter Engines**      Engine Type Designation<sup>1</sup>      **Arriel 2C**

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

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
D83	<b>4,300</b>	<b>4,300</b>	<b>93.0</b>	<b>96.3</b>	<b>90.5</b>	<b>95.3</b>	<b>96.1</b>	<b>97.3</b>	-

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



Type Certificate Holder<sup>1</sup>      **Airbus Helicopters**      Aircraft Type Designation<sup>1</sup>      **EC 155 B**

Engine Manufacturer<sup>1</sup>      **Safran Helicopter Engines**      Engine Type Designation<sup>1</sup>      **Arriel 2C1**

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

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
D86	<b>4,800</b>	<b>4,800</b>	<b>92.2</b>	<b>96.8</b>	<b>88.9</b>	<b>95.8</b>	<b>95.7</b>	<b>97.8</b>	-

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



Type Certificate Holder<sup>1</sup>      **Airbus Helicopters**      Aircraft Type Designation<sup>1</sup>      **EC 155 B1**

Engine Manufacturer<sup>1</sup>      **Safran Helicopter Engines**      Engine Type Designation<sup>1</sup>      **Arriel 2C2**

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

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
D87	<b>4,920</b>	<b>4,920</b>	<b>92.2</b>	<b>96.9</b>	<b>88.9</b>	<b>95.9</b>	<b>95.7</b>	<b>97.9</b>	-
D295	<b>4,850</b>	<b>4,850</b>	<b>92.2</b>	<b>96.9</b>	<b>88.9</b>	<b>95.9</b>	<b>95.7</b>	<b>97.9</b>	-

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



Type Certificate Holder<sup>1</sup>      **Airbus Helicopters**      Aircraft Type Designation<sup>1</sup>      **SA 365 C1**

Engine Manufacturer<sup>1</sup>      **Safran Helicopter Engines**      Engine Type Designation<sup>1</sup>      **Arriel 1A1**

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

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
D372	<b>3,400</b>	<b>3,400</b>	-	-	-	-	-	-	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **Airbus Helicopters**      Aircraft Type Designation<sup>1</sup>      **SA 365 C2**

Engine Manufacturer<sup>1</sup>      **Safran Helicopter Engines**      Engine Type Designation<sup>1</sup>      **Arriel 1A2**

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

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
D377	<b>3,500</b>	<b>3,500</b>	-	-	-	-	-	-	<b>2</b>

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





Type Certificate Holder<sup>1</sup>      **Airbus Helicopters**      Aircraft Type Designation<sup>1</sup>      **SA 365 C3**

Engine Manufacturer<sup>1</sup>      **Safran Helicopter Engines**      Engine Type Designation<sup>1</sup>      **Arriel 1C**

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

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
D248	<b>3,500</b>	<b>3,500</b>	-	-	-	-	-	-	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **Airbus Helicopters**      Aircraft Type Designation<sup>1</sup>      **SA 365 N**

Engine Manufacturer<sup>1</sup>      **Safran Helicopter Engines**      Engine Type Designation<sup>1</sup>      **Arriel 1C**

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

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **8**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
D253	<b>4,000</b>	<b>4,000</b>	-	-	-	-	-	-	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **Airbus Helicopters**      Aircraft Type Designation<sup>1</sup>      **SA 365 N1**

Engine Manufacturer<sup>1</sup>      **Safran Helicopter Engines**      Engine Type Designation<sup>1</sup>      **Arriel 1C1**

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

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **8**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
D292	<b>4,100</b>	<b>4,100</b>	-	-	-	-	-	-	<b>2</b>

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<sup>1</sup> 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

### **TCDSN EASA.R.105 Notes**

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. This aircraft type conforms with the provisions of Art 9 (2) 1st subparagraph of Regulation (EU)2018/1139 without the need to comply with the Standards of ICAO Annex 16, Volume I, by virtue of the date of type certification.



### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	07 January 2014	Initial Issue
Issue 2	25 February 2014	Record number changed to avoid duplication.
Issue 3	19 February 2020	Surrender of models SA 365 C and SA 366 G1; Engine manufacturer revised from “Turbomeca” to “Safran Helicopter Engines”
Issue 4	18 July 2022	Type designation harmonized

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