



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 Holder¹ **Airbus Helicopters** Aircraft Type Designation¹ **AS365N2**

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ **Arriel 1C2**

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 Chapter¹ **8 (8.4.1)**

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

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters** Aircraft Type Designation¹ **AS365N3**

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ **Arriel 2C**

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 Chapter¹ **8 (8.4.1)**

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

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters** Aircraft Type Designation¹ **EC155B**

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ **Arriel 2C1**

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 Chapter¹ **8 (8.4.1)**

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

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters** Aircraft Type Designation¹ **EC155B1**

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ **Arriel 2C2**

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 Chapter¹ **8 (8.4.1)**

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

¹ See Note 1.



Type Certificate Holder **Airbus Helicopters** Aircraft Type Designation **SA365C1**

Engine Manufacturer **Safran Helicopter Engines** Engine Type Designation **Arriel 1A1**

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

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

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



Type Certificate Holder **Airbus Helicopters** Aircraft Type Designation **SA365C2**

Engine Manufacturer **Safran Helicopter Engines** Engine Type Designation **Arriel 1A2**

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

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

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



Type Certificate Holder **Airbus Helicopters** Aircraft Type Designation **SA365C3**

Engine Manufacturer **Safran Helicopter Engines** Engine Type Designation **Arriel 1C**

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

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

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



Type Certificate Holder **Airbus Helicopters** Aircraft Type Designation **SA365N**

Engine Manufacturer **Safran Helicopter Engines** Engine Type Designation **Arriel 1C**

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

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

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



Type Certificate Holder **Airbus Helicopters** Aircraft Type Designation **SA365N1**

Engine Manufacturer **Safran Helicopter Engines** Engine Type Designation **Arriel 1C1**

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

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

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



TCDSN EASA.R.105 Notes

1. Items so marked shall be included on EASA Form 45.
2. This aircraft type conforms with the provisions of Article 6.1 of Regulation 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

Issue	Date	Changes
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"

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