



European Aviation Safety Agency

EASA

**TYPE-CERTIFICATE
DATA SHEET FOR NOISE**

No. EASA.R.011

for

BO105

**Type Certificate Holder:
AIRBUS HELICOPTERS DEUTSCHLAND GmbH**

Industriestrasse 4
D-86609 Donauwörth
Germany

For models: BO105 A
BO105 C
BO105 D
BO105 LS A-1
BO105 LS A-3
BO105 S

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Type Certificate Holder **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation **BO105 A**

Engine Manufacturer **Rolls-Royce Corporation** Engine Type Designation **250-C18**

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

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

EASA Record No.	Variant	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
		Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	
D298		2,100	2,100	-	-	-	-	-	-	2

Type Certificate Holder **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation **BO105 C**

Engine Manufacturer **Allison** Engine Type Designation **250-C20**

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

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

EASA Record No.	Variant	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
		Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	
D206	C23	2,300	2,300	-	-	-	-	-	-	2

Type Certificate Holder **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation **BO105 C**

Engine Manufacturer **Allison** Engine Type Designation **250-C20B**

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

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

EASA Record No.	Variant	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
		Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	
D209	CB	2,500	2,500	-	-	-	-	-	-	2
D215	CB-4	2,500	2,500	-	-	-	-	-	-	2
D299	CB-5	2,500	2,500	-	-	-	-	-	-	2
D208	CB	2,400	2,400	-	-	-	-	-	-	2
D212	C23	2,300	2,300	-	-	-	-	-	-	2

Type Certificate Holder **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation **BO105 D**

Engine Manufacturer **Allison** Engine Type Designation **250-C20**

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

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

EASA Record No.	Variant	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
		Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	
D210	D	2,300	2,300	-	-	-	-	-	-	2
D309	DS	2,300	2,300	-	-	-	-	-	-	2

Type Certificate Holder **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation **BO105 D**

Engine Manufacturer **Allison** Engine Type Designation **250-C20B**

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

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

EASA Record No.	Variant	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
		Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	
D312	DB-4	2,500	2,500	-	-	-	-	-	-	2
D313	DBS-4	2,500	2,500	-	-	-	-	-	-	2
D310	DB	2,400	2,400	-	-	-	-	-	-	2
D311	DBS	2,400	2,400	-	-	-	-	-	-	2
D211	D	2,300	2,300	-	-	-	-	-	-	2
D308	DS	2,300	2,300	-	-	-	-	-	-	2

Type Certificate Holder **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation **BO105 LS A-1**

Engine Manufacturer **Allison** Engine Type Designation **250-C28C**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment 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	
D307	2,400	2,400	-	-	-	-	-	-	2

Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ **BO105 LS A-3**

Engine Manufacturer¹ **Allison** Engine Type Designation¹ **250-C28C**

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 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	
D216	2,600	2,600	90.0	94.2	90.9	93.2	91.9	95.2	-

¹ See Note 1.

Type Certificate Holder **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation **BO105 S**

Engine Manufacturer **Allison** Engine Type Designation **250-C20**

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

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

EASA Record No.	Variant	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
		Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	
D264	CS	2,300	2,300	-	-	-	-	-	-	2

Type Certificate Holder **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation **BO105 S**

Engine Manufacturer **Allison** Engine Type Designation **250-C20B**

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

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

EASA Record No.	Variant	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
		Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	
D261	CBS	2,500	2,500	-	-	-	-	-	-	2
D262	CBS-4	2,500	2,500	-	-	-	-	-	-	2
D263	CBS-5	2,500	2,500	-	-	-	-	-	-	2
D260	CBS	2,400	2,400	-	-	-	-	-	-	2
D265	CS	2,300	2,300	-	-	-	-	-	-	2

TCDSN EASA.R.011 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 216/2008 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	05 November 2009	Initial Issue
Issue 2	06 January 2010	Update of the footnote for blank records
Issue 3	07 January 2014	TC holder revised

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