



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 Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ **BO105 A**

Engine Manufacturer¹ **Rolls-Royce Corporation** Engine Type Designation¹ **250-C18**

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

EASA Record No.	Maximum Mass		Overflight SEL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	
D508	2,100	2,100	-	-	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ **BO105 C**

Engine Manufacturer¹ **Rolls-Royce Corporation** Engine Type Designation¹ **250-C20**

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**

EASA Record No.	Variant	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	
D206	C23	2,300	2,300	-	-	-	-	-	-	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH**

Aircraft Type Designation¹ **BO105 C**

Engine Manufacturer¹ **Rolls-Royce Corporation**

Engine Type Designation¹ **250-C20B**

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**

EASA Record No.	Variant	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	
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

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ **BO105 D**

Engine Manufacturer¹ **Rolls-Royce Corporation** Engine Type Designation¹ **250-C20**

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**

EASA Record No.	Variant	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	
D210	D	2,300	2,300	-	-	-	-	-	-	2
D309	DS	2,300	2,300	-	-	-	-	-	-	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH**

Aircraft Type Designation¹ **BO105 D**

Engine Manufacturer¹ **Rolls-Royce Corporation**

Engine Type Designation¹ **250-C20B**

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**

EASA Record No.	Variant	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	
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
D314	DBS-5	2,500	2,500	-	-	-	-	-	-	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH**

Aircraft Type Designation¹ **BO105 LS A-1**

Engine Manufacturer¹ **Rolls-Royce Corporation**

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**

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	
D307	2,400	2,400	-	-	-	-	-	-	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH**

Aircraft Type Designation¹ **BO105 LS A-3**

Engine Manufacturer¹ **Rolls-Royce Corporation**

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 Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ **BO105 S**

Engine Manufacturer¹ **Rolls-Royce Corporation** Engine Type Designation¹ **250-C20**

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.	Variant	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	
D264	CS	2,300	2,300	-	-	-	-	-	-	2

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH**

Aircraft Type Designation¹ **BO105 S**

Engine Manufacturer¹ **Rolls-Royce Corporation**

Engine Type Designation¹ **250-C20B**

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.	Variant	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	
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

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

TCDSN EASA.R.011 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

Issue	Date	Changes
Issue 01	05 November 2009	Initial Issue
Issue 02	06 January 2010	Update of the footnote for bland records
Issue 03	07 January 2014	TC Holder revised
Issue 04	15 July 2022	Record number D508 added; Engine manufacturer harmonized

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