

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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| TCDSN No.: EASA.R.011 Issue: 4 | | | | |
|--------------------------------------------------------------------|------------------------------------|------------------------|----------------------------------------|----------------------|
| Type Certificate Holder ¹ | Airbus Helicopters Deutschlan | d GmbH | Aircraft Type Designation ¹ | BO105 A |
| Engine Manufacturer ¹ | Rolls-Royce Corporation | | Engine Type Designation ¹ | 250-C18 |
| Additional modifications es certificated noise levels ¹ | sential to meet the requirements o | r needed to attain the | None | |
| Noise Certification Basis | ICAO Annex 16, Volume I | Edition / Amendment | | Chapter ¹ |

| FACA | Maximu | ım Mass | Overfli | 500 | |
|--------------------|-------------------------------|-----------------|--------------------|-------|-------------|
| EASA Record No. | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | See Note |
| D508 | 2,100 | 2,100 | - | - | 2 |

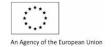


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|-------------------------------------------------------------------------|------------------------------------|---------------------|----------------------------------------|----------------------|------------------------------------|
| Type Certificate Holder ¹ | Airbus Helicopters Deutschland | GmbH | Aircraft Type Designation ¹ | BO105 C | |
| Engine Manufacturer ¹ | Rolls-Royce Corporation | | Engine Type Designation ¹ | 250-C20 | |
| Additional modifications esse certificated noise levels ¹ | ential to meet the requirements or | None | | | |
| Noise Certification Basis | ICAO Annex 16, Volume I | Edition / Amendment | | Chapter ¹ | 8 |

| FASA | Maximum Mass | | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | | 500 | |
|--------------------|--------------|-------------------------------|-----------------|--------------------|-----------------|--------------------|---------------|--------------------|-------|-------------|
| EASA Record No. | Variant | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | See Note |
| D206 | C23 | 2,300 | 2,300 | - | - | - | - | - | - | 2 |



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| Type Certificate Holder ¹ | Airbus Helicopters Deutschland GmbH | Aircraft Type Designation ¹ | BO105 C | |
| Engine Manufacturer ¹ | Rolls-Royce Corporation | Engine Type Designation ¹ | 250-C20B | |
| Additional modifications esse certificated noise levels ¹ | ential to meet the requirements or needed to attain the | None | | |

Edition / Amendment

Take-Off EPNL Maximum Mass Overflight EPNL Approach EPNL EASA See Variant Take-off¹ Landing Record No. Note Level¹ Level¹ Level¹ Limit Limit Limit (kg) (kg) D209 CB 2,500 2,500 2 ------2,500 2,500 2 D215 CB-4 ------2,500 2,500 2 D299 CB-5 ------D208 СВ 2,400 2 2,400 ------2,300 D212 C23 2,300 2 ------

¹ See Note 1.



Noise Certification Basis

ICAO Annex 16, Volume I

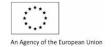
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Chapter¹

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|-------------------------------------------------------------------------|------------------------------------|---------------------|----------------------------------------|----------------------|------------------------------------|
| Type Certificate Holder ¹ | Airbus Helicopters Deutschland | GmbH | Aircraft Type Designation ¹ | BO105 D | |
| Engine Manufacturer ¹ | Rolls-Royce Corporation | | Engine Type Designation ¹ | 250-C20 | |
| Additional modifications esse certificated noise levels ¹ | ential to meet the requirements or | None | | | |
| Noise Certification Basis | ICAO Annex 16, Volume I | Edition / Amendment | | Chapter ¹ | 8 |

| | Maximum Mass | | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | | 500 | |
|--------------------|--------------|-------------------------------|-----------------|--------------------|-----------------|--------------------|---------------|--------------------|-------|-------------|
| EASA Record No. | Variant | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | See Note |
| D210 | D | 2,300 | 2,300 | - | - | - | - | - | - | 2 |
| D309 | DS | 2,300 | 2,300 | - | - | - | - | - | - | 2 |



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|------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------|----------|------------------------------------|
| Type Certificate Holder ¹ | Airbus Helicopters Deutschland GmbH | Aircraft Type Designation ¹ | BO105 D | |
| Engine Manufacturer ¹ | Rolls-Royce Corporation | Engine Type Designation ¹ | 250-C20B | |
| Additional modifications essice certificated noise levels ¹ | ential to meet the requirements or needed to attain the | None | | |

Edition / Amendment

| | EASA | | Maximum Mass | | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | |
|------------|-------------------------------|-----------------|--------------------|-------|--------------------|-------|--------------------|-------|---------------|---|
| Record No. | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | See Note | |
| 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.



Noise Certification Basis

ICAO Annex 16, Volume I

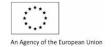
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Chapter¹

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|----------------------------------------------------------------------|--------------------------------------|----------------------------------------|--------------------------------------|----------------------|------------------------------------|--|
| Type Certificate Holder ¹ | Airbus Helicopters Deutschland | Aircraft Type Designation ¹ | BO105 LS A-1 | | | |
| Engine Manufacturer ¹ | Rolls-Royce Corporation | | Engine Type Designation ¹ | 250-C28C | | |
| Additional modifications esse certificated noise levels ¹ | ential to meet the requirements or n | None | | | | |
| Noise Certification Basis | ICAO Annex 16, Volume I | Edition / Amendment | | Chapter ¹ | 8 | |

| FASA | Maximum Mass | | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | | 500 |
|--------------------|-------------------------------|-----------------|--------------------|-------|--------------------|-------|--------------------|-------|-------------|
| EASA Record No. | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | See Note |
| D307 | 2,400 | 2,400 | - | - | - | - | - | - | 2 |



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|-------------------------------------------------------------------------|--------------------------------------|---------------------|----------------------------------------|----------------------|------------------------------------|--|
| Type Certificate Holder ¹ | Airbus Helicopters Deutschland | GmbH | Aircraft Type Designation ¹ | BO105 LS A-3 | | |
| Engine Manufacturer ¹ | Rolls-Royce Corporation | | Engine Type Designation ¹ | 250-C28C | | |
| Additional modifications esse certificated noise levels ¹ | ential to meet the requirements or r | None | | | | |
| Noise Certification Basis | ICAO Annex 16, Volume I | Edition / Amendment | | Chapter ¹ | 8 (8.4.1) | |

| FASA | Maximu | ım Mass | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | | 600 | |
|--------------------|-------------------------------|-----------------|--------------------|-------|--------------------|-------|--------------------|-------|-------------|--|
| EASA Record No. | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | See Note | |
| D216 | 2,600 | 2,600 | 90.0 | 94.2 | 90.9 | 93.2 | 91.9 | 95.2 | - | |



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| Type Certificate Holder ¹ | Airbus Helicopters Deutschland | GmbH | Aircraft Type Designation ¹ | BO105 S | |
| Engine Manufacturer ¹ | Rolls-Royce Corporation | | Engine Type Designation ¹ | 250-C20 | |
| Additional modifications esse certificated noise levels ¹ | ential to meet the requirements or i | needed to attain the | None | | |
| Noise Certification Basis | ICAO Annex 16, Volume I | Edition / Amendment | | Chapter ¹ | 8 (8.4.1) |

| EASA | | | Maximum Mass | | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | |
|--------------------|---------|-------------------------------|-----------------|--------------------|---------------|--------------------|-----------------|--------------------|---------------|-------------|
| EASA Record No. | Variant | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | See Note |
| D264 | CS | 2,300 | 2,300 | - | - | - | - | - | - | 2 |



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| Type Certificate Holder ¹ | Airbus Helicopters Deutschland GmbH | Aircraft Type Designation ¹ | BO105 S | |
| Engine Manufacturer ¹ | Rolls-Royce Corporation | Engine Type Designation ¹ | 250-C20B | |
| Additional modifications esse certificated noise levels ¹ | ential to meet the requirements or needed to attain the | None | | |

Edition / Amendment

| | Maximum Mass | | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | | See | |
|--------------------|--------------|-------------------------------|-----------------|--------------------|-----------------|--------------------|---------------|--------------------|-------|------|
| EASA Record No. | Variant | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | Note |
| 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.



Noise Certification Basis

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Chapter¹

8 (8.4.1)

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 |

-END-

