



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.R.010

for

MBB-BK 117

Type Certificate Holder:

Airbus Helicopters Deutschland GmbH

Industriestrasse 4

D-86609 Donauwörth

Germany

For Models: MBB-BK117 A-1
MBB-BK117 A-3, MBB-BK117 A-4,
MBB-BK117 B-1, MBB BK117 B-2,
MBB-BK117 C-1, MBB-BK117 C-2
MBB-BK117 D-2,
MBB-BK117 D-3, MBB-BK117 D-3m

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Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ **MBB-BK117A-1**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **LTS101-650-B1**

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	
D199	2,850	2,850	89.0	94.6	92.7	93.6	90.4	95.6	-

¹ See Note 1.



Type Certificate Holder ¹	Airbus Helicopters Deutschland GmbH	Aircraft Type Designation ¹	MBB-BK117A-3
Engine Manufacturer ¹	Lycoming	Engine Type Designation ¹	LTS101-650-B1
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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	
D200	3,200	3,200	90.7	95.1	92.9	94.1	91.8	96.1	-

¹ See Note 1.



Type Certificate Holder ¹	Airbus Helicopters Deutschland GmbH	Aircraft Type Designation ¹	MBB-BK117A-4
Engine Manufacturer ¹	Lycoming	Engine Type Designation ¹	LTS101-650-B1
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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	
D201	3,200	3,200	89.9	95.1	92.6	94.1	91.8	96.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ **MBB-BK117B-1**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **LTS101-750-B1**

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	
D202	3,200	3,200	89.8	95.1	91.3	94.1	95.8	96.1	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ **MBB-BK117B-2**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **LTS101-750-B1**

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	
D93	3,350	3,350	89.9	95.3	91.3	94.3	95.8	96.3	-

¹ See Note 1.



Type Certificate Holder ¹	Airbus Helicopters Deutschland GmbH	Aircraft Type Designation ¹	MBB-BK117C-1
Engine Manufacturer ¹	Turbomeca	Engine Type Designation ¹	Arriel 1E2
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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	
D204	3,350	3,350	90.0	95.3	90.1	94.3	95.8	96.3	-
D397	3,170	3,170	90.0	95.0	90.1	94.0	95.8	96.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ **MBB-BK117C-2**

Engine Manufacturer¹ **Turbomeca** Engine Type Designation¹ **Arriel 1E2**

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	
D97	3,585	3,585	88.0	95.6	87.2	94.6	91.3	96.6	-
D96	3,550	3,550	88.0	95.5	87.2	94.5	91.3	96.5	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ **MBB-BK117C-2e**

Engine Manufacturer¹ **Turbomeca** Engine Type Designation¹ **Arriel 1E2**

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 **6 Edition / Amendment 10** 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	
D390	3,585	3,585	88.0	95.6	87.2	94.6	91.3	96.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ **MBB-BK117D-2**

Engine Manufacturer¹ **Turbomeca** Engine Type Designation¹ **Arriel 2E**

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 **5 Edition / Amendment 9** 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	
D472	3,800	3,800	87.1	95.8	84.7	94.8	90.3	96.8	-
D398	3,700	3,700	86.5	95.7	84.7	94.7	90.3	96.7	-
D376	3,650	3,650	86.5	95.6	84.7	94.6	90.3	96.6	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ **MBB-BK117D-2m**

Engine Manufacturer¹ **Turbomeca** Engine Type Designation¹ **Arriel 2E**

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 **7 Edition / Amendment 11- B** 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	
D430	3,800	3,800	87.1	95.8	84.7	94.8	90.3	96.8	-
D393	3,700	3,700	86.5	95.7	84.7	94.7	90.3	96.7	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ **MBB-BK117D-3**

Engine Manufacturer¹ **Turbomeca** Engine Type Designation¹ **Arriel 2E**

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 **8 Edition / Amendment 12** 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	
D473	3,800	3,800	88.8	95.8	85.7	94.8	91.4	96.8	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ **MBB-BK117D-3m**

Engine Manufacturer¹ **Turbomeca** Engine Type Designation¹ **Arriel 2E**

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 **8 Edition / Amendment 12** 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	
D474	3,800	3,800	88.8	95.8	85.7	94.8	91.4	96.8	-

¹ See Note 1.



CS-36 Amendment level

ICAO, Annex 16, Volume 1 Amendment level	7	8	9	10	11-B	12
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5

TCDSN EASA.R.010 Notes

1. Items so marked shall be included on EASA Form 45.

Change Record

Issue	Date	Changes
Issue 1	30 April 2007	Initial Issue
Issue 2	07 January 2014	TC holder revised
Issue 3	05 May 2014	Model BK117D2 added.
Issue 4	17 April 2015	Model BK117 C-2e (Record D390) added.
Issue 5	08 May 2015	Model BK117 D-2m (Record D393) added.
Issue 6	14 December 2015	Records D397 and D398 added.
Issue 7	21 June 2016	Record D376 added; Type designations revised
Issue 8	18 May 2017	Record D430 added.
Issue 9	19 June 2020	Record D472 added; Model MBB-BK117D-3 (Record D473) and Model MBB-BK117D-3m (Record D474) added

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