

TYPE-CERTIFICATE DATA SHEET FOR NOISE

UK.TC.R.00016

for

MB-BK117

Type Certificate holder

Airbus Helicopters Deutschland GmbH

Industriestrasse 4
D-86609 Donauwörth
Germany

Model(s): 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

Issue: 1

Date of issue: 26 January 2022

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Type Designation	Airframe Modification	MTOW (kg)	MLW (kg)	Engine	Engine Modification	Regulation Ed./Amend. Chapter	Take-off Level (EPNdB)	Take-off Limit (EPNdB)	Overflight Level (EPNdB)	Overflight Limit (EPNdB)	Approach Level (EPNdB)	Approach Limit (EPNdB)	Notes	Record Number
MBB-BK117A-1	None	2850	2850	Lycoming LTS101-650-B1	None	Annex 16/l Chapter 8 (8.4.1)	89.0	94.6	92.7	93.6	90.4	95.6	None	D199
MBB-BK117A-3	None	3200	3200	Lycoming LTS101-650-B1	None	Annex 16/l Chapter 8 (8.4.1)	90.7	95.1	92.9	94.1	91.8	96.1	None	D200
MBB-BK117A-4	None	3200	3200	Lycoming LTS101-650-B1	None	Annex 16/l Chapter 8 (8.4.1)	89.9	95.1	92.6	94.1	91.8	96.1	None	D201
MBB-BK117B-1	None	3200	3200	Lycoming LTS101-750-B1	None	Annex 16/l Chapter 8 (8.4.1)	89.8	95.1	91.3	94.1	95.8	96.1	None	D202
MBB-BK117B-2	None	3350	3350	Lycoming LTS101-750-B1	None	Annex 16/l Chapter 8 (8.4.1)	89.9	95.3	91.3	94.3	95.8	96.3	None	D93
MBB-BK117C-1	None	3170	3170	Turbomeca Arriel 1E2	None	Annex 16/l Chapter 8 (8.4.1)	90.0	95.0	90.1	94.0	95.8	96.0	None	D397
MBB-BK117C-1	None	3350	3350	Turbomeca Arriel 1E2	None	Annex 16/l Chapter 8 (8.4.1)	90.0	95.3	90.1	94.3	95.8	96.3	None	D204
MBB-BK117C-2	None	3550	3550	Turbomeca Arriel 1E2	None	Annex 16/l Chapter 8 (8.4.1)	88.0	95.5	87.2	94.5	91.3	96.5	None	D96
MBB-BK117C-2	None	3585	3585	Turbomeca Arriel 1E2	None	Annex 16/l Chapter 8 (8.4.1)	88.0	95.6	87.2	94.6	91.3	96.6	None	D97
MBB-BK117C-2e	None	3585	3585	Turbomeca Arriel 1E2	None	Annex 16/l 6/10 Chapter 8 (8.4.1)	88.0	95.6	87.2	94.6	91.3	96.6	None	D390
MBB-BK117D-2	None	3650	3650	Turbomeca Arriel 2E	None	Annex 16/l 5/9 Chapter 8 (8.4.1)	86.5	95.6	84.7	94.6	90.3	96.6	None	D376
MBB-BK117D-2	None	3700	3700	Turbomeca Arriel 2E	None	Annex 16/l 5/9 Chapter 8 (8.4.1)	86.5	95.7	84.7	94.7	90.3	96.7	None	D398
MBB-BK117D-2	None	3800	3800	Turbomeca Arriel 2E	None	Annex 16/l 7/11-B Chapter 8 (8.4.1)	87.1	95.8	84.7	94.8	90.3	96.8	None	D472

Type Designation	Airframe Modification	MTOW (kg)	MLW (kg)	Engine	Engine Modification	Regulation Ed./Amend. Chapter	Take-off Level (EPNdB)	Take-off Limit (EPNdB)	Overflight Level (EPNdB)	Overflight Limit (EPNdB)	Approach Level (EPNdB)	Approach Limit (EPNdB)	Notes	Record Number
MBB-BK117D-2m	None	3700	3700	Turbomeca Arriel 2E	None	Annex 16/1 6/10 Chapter 8 (8.4.1)	86.5	95.7	84.7	94.7	90.3	96.7	None	D393
MBB-BK117D-2m	None	3800	3800	Turbomeca Arriel 2E	None	Annex 16/1 7/11-B Chapter 8 (8.4.1)	87.1	95.8	84.7	94.8	90.3	96.8	None	D430
MBB-BK117D-3	None	3800	3800	Turbomeca Arriel 2E	None	Annex 16/1 8/12 Chapter 8 (8.4.1)	88.8	95.8	85.7	94.8	91.4	96.8	None	D473
MBB-BK117D-3m	None	3800	3800	Turbomeca Arriel 2E	None	Annex 16/1 8/12 Chapter 8 (8.4.1)	88.8	95.8	85.7	94.8	91.4	96.8	None	D474

Administration

I. Acronyms and Abbreviations

Acronym / Abbreviation	Definition
Ed./Amend.	Edition/Amendment
EPNdB	Effective perceived noise decibel
MTOW	Maximum take-off weight
MLW	Maximum landing weight
Regulation Annex 16/I	ICAO Annex 16 Volume I
TCDSN	Type Certificate Data Sheet for Noise

II. Type Certificate Holder Record

TCH Record	Period
Airbus Helicopters Deutschland GmbH Industriestrasse 4 D-86609 Donauwörth Germany	Present. No changes.

III. Amendment Record

TCDSN Issue No.	TCDSN Issue Date	Changes	TC Issue and Date
1	26 January 2022	Initial	Issue 1 26 January 2022