TCDSN No.: EASA.R.009 EC135

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TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.R.009

for

EC135

Type Certificate Holder: Airbus Helicopters Deutschland GmbH

Industriestrasse 4 D-86609 Donauwörth Germany

For models:

EC635 P2+

EC135 P1(CDS) EC635 P3(CPDS) EC135 P1(CPDS) EC635 P3H EC135 P2(CPDS) EC635 T1(CPDS) EC135 P2+ EC635 T2+ EC135 P3(CPDS) EC635 T3(CPDS) EC135 P3H EC635 T3H EC135 T1(CDS) EC135 T1(CPDS) EC135 T2(CPDS) EC135 T2+ EC135 T3(CPDS) EC135 T3H



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Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ EC135 P1(CDS)

Engine Manufacturer¹ Pratt & Whitney Canada Corp. Engine Type Designation¹

PW206B

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

Edition 3

Chapter¹

11 (11.4.1)

EASA	Maximu	ım Mass	Overfli	Soo	
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D31	2,630	2,630	81.4	87.2	-
D32	2,720	2,720	81.4	87.4	-

¹ See Note 1.



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Type Certificate Holder¹

Airbus Helicopters Deutschland GmbH

Aircraft Type Designation¹

EC135 P1(CDS)

Engine Manufacturer¹

Pratt & Whitney Canada Corp.

Engine Type Designation¹

PW206B

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

Edition 3

Chapter¹

8 (8.4.1)

FACA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D33	2,835	2,835	88.6	94.5	84.0	93.5	92.7	95.5	-



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 P1(CPDS)

Engine Manufacturer¹ Pratt & Whitney Canada Corp. Engine Type Designation¹ PW206B

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 Chapter¹ 11 (11.4.1)

EASA	Maximu	m Mass	Overfli	Coo	
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D506	2,720	2,720	81.4	87.4	1



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Type Certificate Holder¹

Airbus Helicopters Deutschland GmbH

Aircraft Type Designation¹

EC135 P1(CPDS)

Engine Manufacturer¹

Pratt & Whitney Canada Corp.

Engine Type Designation¹

PW206B

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

Edition 3

Chapter¹

8 (8.4.1)

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D505	2,835	2,835	88.6	94.5	84.0	93.5	92.7	95.5	-



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 P2(CPDS)

Engine Manufacturer¹ Pratt & Whitney Canada Corp. Engine Type Designation¹ PW206B2

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 Chapter¹ 8 (8.4.1)

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		500
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D34	2,835	2,835	88.6	94.5	84.0	93.5	92.7	95.5	-

¹ See Note 1.



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 P2+

Engine Manufacturer¹ Pratt & Whitney Canada Corp. Engine Type Designation¹ PW206B2

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 Chapter¹ 8 (8.4.1)

FACA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D339	2,950	2,950	88.6	94.7	84.0	93.7	92.7	95.7	-
D35	2,910	2,910	88.6	94.7	84.0	93.7	92.7	95.7	1

¹ See Note 1.



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 P3(CPDS)

Engine Manufacturer¹ Pratt & Whitney Canada Corp. Engine Type Designation¹ PW206B3

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 8 (8.4.1)

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		\$00
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D388	2,980	2,980	86.1	94.8	82.7	93.8	90.3	95.8	-

¹ See Note 1.



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 P3H

Engine Manufacturer¹ Pratt & Whitney Canada Corp. Engine Type Designation¹ PW206B3

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 8 (8.4.1)

EASA	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
D421	2,980	2,980	86.1	94.8	82.7	93.8	90.3	95.8	-



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 P3H

Engine Manufacturer¹ Pratt & Whitney Canada Corp. Engine Type Designation¹ PW206B3

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 Edition 7 / Amendment 11-B Chapter¹ 8 (8.4.1)

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		\$00
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D489	3,100	3,100	86.4	94.9	82.7	93.9	90.4	95.9	-



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 T1(CDS)

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B

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 Edition 3 Chapter¹ 11 (11.4.1)

EASA	Maximu	ım Mass	Overfli	Coo	
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D36	2,630	2,630	80.2	87.2	-

¹ See Note 1.



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 T1(CDS)

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B1

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 Edition 3 Chapter¹ 11 (11.4.1)

EASA Record No.	Maximu	ım Mass	Overfli	ght SEL	Soo	
	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	See Note	
D37	2,630	2,630	80.2	87.2	-	
D39	2,720	2,720	80.2	87.4	-	



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 T1(CDS)

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B1

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 Chapter¹ 8 (8.4.1)

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		500
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D41	2,835	2,835	88.3	94.5	85.7	93.5	94.9	95.5	-



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 T1(CDS)

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B1A

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 Chapter¹ 11 (11.4.1)

FASA	Maximu	ım Mass	Overfli	Soo	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D38	2,630	2,630	80.2	87.2	-
D40	2,720	2,720	80.2	87.4	-

¹ See Note 1.



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 T1(CDS)

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B1A

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 Chapter¹ 8 (8.4.1)

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		\$00
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D42	2,835	2,835	88.3	94.5	85.7	93.5	94.9	95.5	-

¹ See Note 1.



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 T1(CDS)

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B1A1

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 Edition 3 Chapter¹ 8 (8.4.1)

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D43	2,835	2,835	88.3	94.5	85.7	93.5	94.9	95.5	-



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 T1(CPDS)

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B1

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 Chapter¹ 11 (11.4.1)

EASA	Maximu	m Mass	Overfli	200	
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D502	2,720	2,720	80.2	87.4	-



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

EC135 T1(CPDS)

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹

Arrius 2B1

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 **Edition 3** Chapter¹ 8 (8.4.1)

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		°00
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D501	2,835	2,835	88.3	94.5	85.7	93.5	94.9	95.5	-



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 T1(CPDS)

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B1A

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 Edition 3 Chapter¹ 11 (11.4.1)

EASA	Maximu	ım Mass	Overfli	Soo	
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D504	2,720	2,720	80.2	87.4	-



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Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ EC135 T1(CPDS)

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ Arrius 2B1A

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 **Edition 3** Chapter¹ 8 (8.4.1)

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		500
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D503	2,835	2,835	88.3	94.5	85.7	93.5	94.9	95.5	-



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Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ EC135 T1(CPDS)

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ Arrius 2B1A1

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment **Edition 3** Chapter¹ 8 (8.4.1)

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		500
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D500	2,835	2,835	88.3	94.5	85.7	93.5	94.9	95.5	-



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Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ EC135 T2(CPDS)

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ Arrius 2B2

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment **Edition 3** Chapter¹ 8 (8.4.1)

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		500
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D44	2,835	2,835	88.3	94.5	85.7	93.5	94.9	95.5	-

¹ See Note 1.



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Type Certificate Holder¹

Engine Manufacturer¹

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Aircraft Type Designation¹ EC135 T2+

Engine Type Designation¹ Arrius 2B2

Additional modifications essential to meet the requirements or needed to attain the

Safran Helicopter Engines

Airbus Helicopters Deutschland GmbH

certificated noise levels¹

None

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 Chapter¹ 8 (8.4.1)

FACA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D342	2,950	2,950	88.3	94.7	85.7	93.7	94.9	95.7	-
D45	2,910	2,910	88.3	94.7	85.7	93.7	94.9	95.7	-



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Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ EC135 T3(CPDS)

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ Arrius 2B2

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 8 (8.4.1) Chapter¹

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soc
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D383	2,980	2,980	86.1	94.8	82.7	93.8	90.3	95.8	-

¹ See Note 1.



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 T3H

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B2

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 8 (8.4.1)

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		200
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D423	2,980	2,980	86.1	94.8	82.7	93.8	90.3	95.8	-

¹ See Note 1.



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC135 T3H

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B2

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 7 / Amendment 11-B Chapter¹ 8 (8.4.1)

EASA	Maximu	ım Mass	Take-O	ff EPNL	Overflig	ht EPNL	Approa	ch EPNL	°00
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D490	3,100	3,100	86.4	94.9	82.7	93.9	90.4	95.9	-



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC635 P2+

Engine Manufacturer¹ Pratt & Whitney Canada Corp. Engine Type Designation¹ PW206B2

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 Chapter¹ 8 (8.4.1)

FACA	Maximu	Maximum Mass Take-Off EPNL		ff EPNL	Overflig	Overflight EPNL		Approach EPNL	
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D340	2,950	2,950	88.6	94.7	84.0	93.7	92.7	95.7	-
D46	2,910	2,910	88.6	94.7	84.0	93.7	92.7	95.7	-



Type Certificate Holder¹

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Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC635 P3(CPDS)

Engine Manufacturer¹ Pratt & Whitney Canada Corp. Engine Type Designation¹ PW206B3

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 8 (8.4.1)

EASA	Maximu	ım Mass	Take-O	ff EPNL	Overflig	ht EPNL	Approa	ch EPNL	Soc
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D389	2,980	2,980	86.1	94.8	82.7	93.8	90.3	95.8	-



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Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ EC635 P3H

Engine Manufacturer¹ Pratt & Whitney Canada Corp. Engine Type Designation¹ PW206B3

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 8 (8.4.1) Chapter¹

EASA	Maximu	ım Mass	Take-O	ff EPNL	Overflig	ht EPNL	Approach EPNL		\$00
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D422	2,980	2,980	86.1	94.8	82.7	93.8	90.3	95.8	-

¹ See Note 1.



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC635 P3H

Engine Manufacturer¹ Pratt & Whitney Canada Corp. Engine Type Designation¹ PW206B3

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 7 / Amendment 11-B Chapter¹ 8 (8.4.1)

EASA	Maximu	ım Mass	Take-O	ff EPNL	Overflig	tht EPNL	Approach EPNL		200
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D491	3,100	3,100	86.4	94.9	82.7	93.9	90.4	95.9	-



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Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ EC635 T1(CPDS)

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ Arrius 2B

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 **Edition 3** Chapter¹ 11 (11.4.1)

EASA	Maximu	ım Mass	Overfli	Soo	
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D47	2,630	2,630	80.2	87.2	-



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC635 T1(CPDS)

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B1

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 Edition 3 Chapter¹ 11 (11.4.1)

EASA	Maximu	ım Mass	ss Overflight SEL		
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D50	2,720	2,720	80.2	87.4	-
D48	2,630	2,630	80.2	87.2	-



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Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ EC635 T1(CPDS)

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ Arrius 2B1

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment **Edition 3** Chapter¹ 8 (8.4.1)

EASA	Maximu	ım Mass	Take-O	ff EPNL	Overflig	ht EPNL	Approach EPNL		500
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D52	2,835	2,835	88.3	94.5	85.7	93.5	94.9	95.5	-



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Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ EC635 T1(CPDS)

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹

Arrius 2B1A

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

Edition 3

Chapter¹

11 (11.4.1)

EASA	Maximu	ım Mass	Overfli	Soo	
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D51	2,720	2,720	80.2	87.4	-
D49	2,630	2,630	80.2	87.2	-

¹ See Note 1.



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Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ EC635 T1(CPDS)

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ Arrius 2B1A

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment **Edition 3** Chapter¹ 8 (8.4.1)

EASA	Maximu	ım Mass	Take-O	ff EPNL	Overflig	ht EPNL	Approach EPNL		500
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D53	2,835	2,835	88.3	94.5	85.7	93.5	94.9	95.5	-



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Type Certificate Holder¹ **Airbus Helicopters Deutschland GmbH** Aircraft Type Designation¹ EC635 T1(CPDS)

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ Arrius 2B1A1

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment **Edition 3** Chapter¹ 8 (8.4.1)

EASA	Maximu	ım Mass	Take-O	ff EPNL	Overflig	ht EPNL	Approach EPNL		500
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D54	2,835	2,835	88.3	94.5	85.7	93.5	94.9	95.5	-



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC635 T2+

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B2

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 Chapter¹ 8 (8.4.1)

FASA	Maximu	ım Mass	Take-O	ff EPNL	Overflig	ht EPNL	Approa	ch EPNL	Soo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D341	2,950	2,950	88.3	94.7	85.7	93.7	94.9	95.7	-
D15	2,910	2,910	88.3	94.7	85.7	93.7	94.9	95.7	-

None

¹ See Note 1.



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC635 T3(CPDS)

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B2

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 8 (8.4.1)

EASA Record No.	Variant	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo
		Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D384	CPDS	2,980	2,980	86.1	94.8	82.7	93.8	90.3	95.8	-



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC635 T3H

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B2

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 Edition 6 / Amendment 10 Chapter¹ 8 (8.4.1)

FACA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D424	2,980	2,980	86.1	94.8	82.7	93.8	90.3	95.8	-



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Type Certificate Holder¹ Airbus Helicopters Deutschland GmbH Aircraft Type Designation¹ EC635 T3H

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arrius 2B2

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 7 / Amendment 11-B Chapter¹ 8 (8.4.1)

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Coo
	Take-off ¹ Landing (kg) (kg)		Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D492	3,100	3,100	86.4	94.9	82.7	93.9	90.4	95.9	-



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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.009 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.



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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
Issue 10	08 June 2021	Added records D489 - D492 (alternative masses related to FMA 11-11 and
		EASA Approval 10075155
Issue 11	13 April 2022	Record D490: MLW revised
Issue 12	15 July 2022	Engine manufacturer harmonized