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TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.R.121

for

R44

Type Certificate Holder: Robinson Helicopter Company

2901 Airport Drive Torrance, CA 90505 USA

For models: R44

R44 II



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Type Certificate Holder¹ **Robinson Helicopter Company** Aircraft Type Designation¹ R44

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-540-F1B5

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

certificated noise levels1

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

None

EASA Record No.	Maximum Mass		Overflight SEL		Ç00
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D123	1,089	1,089	81.9	83.4	-
D427	998	998	78.2	83.0	-

¹ See Note 1.



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Type Certificate Holder¹ **Robinson Helicopter Company** Aircraft Type Designation¹ R44

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-540-F1B5

Additional modifications essential to meet the requirements or needed to attain the P/N C169-35 (large muffler)

certificated noise levels1

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

EASA Record No.	Maximum Mass		Overflight SEL		Coo
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D428	1,089	1,089	78.9	83.4	-



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Type Certificate Holder¹ **Robinson Helicopter Company** Aircraft Type Designation¹ **R44 II**

Engine Manufacturer¹ Engine Type Designation¹ Lycoming IO-540-AE1A5

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 11 (11.4.1) Chapter¹

EASA Record No.	Maximum Mass		Overflight SEL		Coo
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D124	1,134	1,134	80.9	83.6	-



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Type Certificate Holder¹ Aircraft Type Designation¹ **Robinson Helicopter Company R44 II**

Engine Manufacturer¹ Engine Type Designation¹ Lycoming IO-540-AE1A5

Additional modifications essential to meet the requirements or needed to attain the P/N C169-37 (large muffler)

certificated noise levels1

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

EASA Record No.	Maximum Mass		Overflight SEL		Soo
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D429	1,134	1,134	80.9	83.6	-

¹ See Note 1.



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TCDSN EASA.IM.R.121 Notes

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



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Change Record

Issue	Date	Changes
Issue 1	04 November 2009	Initial release
Issue 2	29 June 2011	Record D123 revised.
Issue 3	17 January 2012	Record D124: noise level revised.
Issue 4	28 February 2017	Introduction of R44 and R44 II with large muffler and introduction of R44 at 998 kg MTOW

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