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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 Holder <sup>1</sup>	<b>Robinson Helicopter Company</b>	Aircraft Type Designation <sup>1</sup>	<b>R44</b>
Engine Manufacturer <sup>1</sup>	<b>Lycoming</b>	Engine Type Designation <sup>1</sup>	<b>O-540-F1B5</b>
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>		<b>None</b>	
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <sup>1</sup> <b>11 (11.4.1)</b>

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

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Robinson Helicopter Company**      Aircraft Type Designation<sup>1</sup>      **R44**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **O-540-F1B5**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **P/N C169-35 (large muffler)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **11 (11.4.1)**

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

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<sup>1</sup> See Note 1.



Type Certificate Holder <sup>1</sup>	<b>Robinson Helicopter Company</b>	Aircraft Type Designation <sup>1</sup>	<b>R44 II</b>
Engine Manufacturer <sup>1</sup>	<b>Lycoming</b>	Engine Type Designation <sup>1</sup>	<b>IO-540-AE1A5</b>
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>		<b>None</b>	
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <sup>1</sup> <b>11 (11.4.1)</b>

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

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<sup>1</sup> See Note 1.



Type Certificate Holder <sup>1</sup>	<b>Robinson Helicopter Company</b>	Aircraft Type Designation <sup>1</sup>	<b>R44 II</b>
Engine Manufacturer <sup>1</sup>	<b>Lycoming</b>	Engine Type Designation <sup>1</sup>	<b>IO-540-AE1A5</b>
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>		<b>P/N C169-37 (large muffler)</b>	
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <sup>1</sup> <b>11 (11.4.1)</b>

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

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<sup>1</sup> See Note 1.



**TCDSN EASA.IM.R.121 Notes**

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

### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
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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