



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.R.507

for

R66

Type Certificate Holder:
Robinson Helicopter Company
2901 Airport Dr
Torrance, CA 90505-6115
USA

For models:
R66



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Type Certificate Holder¹ **Robinson Helicopter Company** Aircraft Type Designation¹ **R66**

Engine TC Holder **Rolls-Royce Corporation** Engine Type Designation¹ **250-C300/A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Clean Configuration**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **8 (8.4.2)**

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	
D379	1,225	1,225	87.8	87.9	84.5	85.9	87.8	90.9	-

¹ See Note 1.



Type Certificate Holder¹ **Robinson Helicopter Company** Aircraft Type Designation¹ **R66**

Engine TC Holder **Rolls-Royce Corporation** Engine Type Designation¹ **250-C300/A1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **Clean Configuration, symmetric horizontal stabilizer**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** Chapter¹ **8 (8.4.2)**

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	
D513	1,225	1,225	86.2	87.9	84.2	85.9	86.1	90.9	-

¹ See Note 1.



Type Certificate Holder¹ **Robinson Helicopter Company** Aircraft Type Designation¹ **R66**

Engine TC Holder **Rolls-Royce Corporation** Engine Type Designation¹ **250-C300/A1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **Dirty Configuration**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **8 (8.4.2)**

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	
D380	1,225	1,225	87.8	87.9	84.8	85.9	88.6	90.9	2

¹ See Note 1.



Type Certificate Holder¹ **Robinson Helicopter Company** Aircraft Type Designation¹ **R66**

Engine TC Holder **Rolls-Royce Corporation** Engine Type Designation¹ **250-C300/A1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **Dirty Configuration, symmetric horizontal stabilizer**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** Chapter¹ **8 (8.4.2)**

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	
D514	1,225	1,225	87.1	87.9	84.6	85.9	89.5	90.9	2

¹ See Note 1.



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

Note: This table is for information purposes only. It links the applicable noise requirements in Volume I of ICAO Annex 16 to the corresponding Appendices to that Volume, which were listed as acceptable means of compliance in CS-36. With the adoption of Regulation (EU) 2018/1139 (i.e. from Amendment 12 to Volume I of ICAO Annex 16) these Appendices became part of the applicable noise requirements. Their reference was removed in Amendment 6 to CS-36 and this table will not be updated further.

TCDSN EASA.IM.R.507 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. Landing gear strut fairings removed. Air conditioning and four doors with bubble windows installed.



Change Record

Issue	Date	Changes
Issue 01	05 May 2014	Initial Issue
Issue 02	08 January 2025	Introduction of the Horizontal Stabilizer

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