

**Civil Aviation Authority
United Kingdom**



TYPE-CERTIFICATE DATA SHEET FOR NOISE

UK.TC.R.00078

for

R66

Type Certificate holder
Robinson Helicopter Company

2901 Airport Drive
Torrance, CA 90505
U.S.A.

Model(s): R66

Issue: 2

Date of issue: 30 May 2025

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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
R66	"Clean" Configuration	1,225	1,225	Rolls-Royce 250-C300/A1	None	Annex 16/I 5/9 Chapter 8 (8.4.2)	87.8	87.9	84.5	85.9	87.8	90.9	None	D379
R66	"Dirty" Configuration	1,225	1,225	Rolls-Royce 250-C300/A1	None	Annex 16/I 5/9 Chapter 8 (8.4.2)	87.8	87.9	84.8	85.9	88.6	90.9	Landing gear strut fairings removed. Air conditioning and four doors with bubble windows installed.	D380
R66	"Clean" Configuration, symmetrical horizontal stabiliser	1,225	1,225	Rolls-Royce 250-C300/A1	None	Annex 16/I 8/14 Chapter 8 (8.4.2)	86.2	87.9	84.2	85.9	86.1	90.9	None	H491
R66	"Dirty" Configuration, symmetrical horizontal stabiliser	1,225	1,225	Rolls-Royce 250-C300/A1	None	Annex 16/I 8/14 Chapter 8 (8.4.2)	87.1	87.9	84.6	85.9	89.5	90.9	Landing gear strut fairings removed. Air conditioning and four doors with bubble windows installed.	H192

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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
Robinson Helicopter Company 2901 Airport Drive Torrance California 90505 USA	Present. No changes.

III. Amendment Record

TCDSN Issue No.	TCDSN Issue Date	Changes	TC Issue and Date
1	23 August 2023	Initial	Issue 1 23 August 2023
2	30 May 2025	Added records for symmetrical horizontal stabiliser	Issue 1 23 August 2023