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TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.539

for

Ruschmeyer R 90

Type Certificate Holder: Bernd Hager Hedwigstr. 18 30159 Hannover Germany

For models: R 90-230 RG



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Type Certificate Holder¹ Bernd Hager Aircraft Type Designation¹ R 90-230 RG

Engine Manufacturer¹ Lycoming Engines Engine Type Designation¹ IO-540-C4D5

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 10 (10.4a)

EASA	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		See
Record No.			requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C151	MT-Propeller Entwicklung GmbH	MTV-14-B/190-17	MTV-14-B/190-17 None		72.3	87.5	-

¹ See Note 1.



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Type Certificate Holder¹ **Bernd Hager** Aircraft Type Designation¹ R 90-230 RG

Engine Type Designation¹ Engine Manufacturer¹ **Lycoming Engines** IO-540-C4D5

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 6

EASA	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.			requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C1026	MT-Propeller Entwicklung GmbH	MTV-14-B/190-17	None	1,350	65.9	78.0	-

¹ See Note 1.



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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.A.539 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 01	27 May 2014	Initial Issue
Issue 02	21 February 2022	TC Holder name revised.