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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 Holder<sup>1</sup>      **Bernd Hager**      Aircraft Type Designation<sup>1</sup>      **R 90-230 RG**

Engine Manufacturer<sup>1</sup>      **Lycoming Engines**      Engine Type Designation<sup>1</sup>      **IO-540-C4D5**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C151	<b>MT-Propeller Entwicklung GmbH</b>	<b>MTV-14-B/190-17</b>	<b>None</b>	<b>1,350</b>	<b>72.3</b>	<b>87.5</b>	-

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



Type Certificate Holder<sup>1</sup>      **Bernd Hager**      Aircraft Type Designation<sup>1</sup>      **R 90-230 RG**

Engine Manufacturer<sup>1</sup>      **Lycoming Engines**      Engine Type Designation<sup>1</sup>      **IO-540-C4D5**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

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

<sup>1</sup> 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

**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.



### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 01	27 May 2014	Initial Issue
Issue 02	21 February 2022	TC Holder name revised.

