



---

## TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.527**

**for**

**AQUILA AT01**

**Type Certificate Holder:**

**AQUILA Aviation International GmbH**

OT Schönhagen

Flugplatz

14959 Trebbin

Germany

For models:

AT01

AT01-100

AT01-200

AT01-300



INTENTIONALLY LEFT BLANK



Type Certificate Holder<sup>1</sup>      **AQUILA Aviation International GmbH**      Aircraft Type Designation<sup>1</sup>      **AT01**

Engine Manufacturer<sup>1</sup>      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 912 S3**

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	
C2340	<b>MT-Propeller Entwicklung GmbH</b>	<b>MTV-21-A/175-05</b>	<b>None</b>	<b>750</b>	<b>64.6</b>	<b>79.1</b>	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **AQUILA Aviation International GmbH**      Aircraft Type Designation<sup>1</sup>      **AT01-100**

Engine Manufacturer<sup>1</sup>      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 912 S3**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      Chapter<sup>1</sup>      **10 (10.4b)**

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	
C11192	<b>MT-Propeller Entwicklung GmbH</b>	<b>MTV-21-A/170-05</b>	<b>None</b>	<b>750</b>	<b>65.1</b>	<b>74.2</b>	<b>3</b>

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



Type Certificate Holder<sup>1</sup>      **AQUILA Aviation International GmbH**      Aircraft Type Designation<sup>1</sup>      **AT01-200**

Engine Manufacturer<sup>1</sup>      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 914 F3**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 7 / Amendment 11-B**      Chapter<sup>1</sup>      **10 (10.4b)**

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	
C14339	<b>MT-Propeller Entwicklung GmbH</b>	<b>MTV-21-A/175-05</b>	<b>Muffler: Gomolzig 7070-021_02P + 7070-019_02P</b>	<b>750</b>	<b>62.7</b>	<b>74.2</b>	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **AQUILA Aviation International GmbH**      Aircraft Type Designation<sup>1</sup>      **AT01-200**

Engine Manufacturer<sup>1</sup>      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 914 F3**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 8 / Amendment 12**      Chapter<sup>1</sup>      **10 (10.4b)**

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	
C14599	<b>MT-Propeller Entwicklung GmbH</b>	<b>MTV-21-A/175-05</b>	<b>Muffler: Gomolzig 7070-021_02P + 7070-019_02P</b>	<b>800</b>	<b>65.2</b>	<b>75.3</b>	-

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



Type Certificate Holder<sup>1</sup>      **AQUILA Aviation International GmbH**      Aircraft Type Designation<sup>1</sup>      **AT01-300**

Engine Manufacturer<sup>1</sup>      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 912 iSc3 Sport**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 8 / Amendment 13**      Chapter<sup>1</sup>      **10 (10.4b)**

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	
C15339	<b>MT-Propeller Entwicklung GmbH</b>	<b>MTV-21-A/175-05</b>	<b>Muffler: Gomolzig 7070-099A.02 + 7070-019A.03</b>	<b>750</b>	<b>63.8</b>	<b>74.2</b>	<b>2</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.527 Notes**

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. Also applicable to engines with the designation suffix -01
3. Also applicable to engines with the designation suffix -01; also applicable to aircraft fitted with AT01-7070-099-01P Muffler and AT01-7070-019-R01 End Pipe





### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	19 November 2008	Initial Issue
Issue 2	03 May 2012	Change of TC holder from "AQUILA Aviation by Excellence AG" to "Aquila Aviation by Excellence GmbH"
Issue 3	29 May 2013	Record C11192 added, Change of TC holder from "Aquila Aviation by Excellence GmbH" to "AQUILA Aviation GmbH"
Issue 4	02 May 2016	TC holder revised from "Aquila Aviation GmbH" to "AQUILA Aviation International GmbH"
Issue 5	05 March 2020	Addition of model AT01-200 (Record C14339)
Issue 6	04 January 2022	Added record C14599
Issue 7	08 July 2024	Addition of model AT01-300 (Record C15339)

