



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



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Type Certificate Holder¹ **AQUILA Aviation International GmbH** Aircraft Type Designation¹ **AT 01**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 S3**

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

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C2340	MT-Propeller Entwicklung GmbH	MTV-21-A/175-05	None	750	64.6	79.1	2

¹ See Note 1.



Type Certificate Holder¹ **AQUILA Aviation International GmbH** Aircraft Type Designation¹ **AT01-100**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 S3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C11192	MT-Propeller Entwicklung GmbH	MTV-21-A/170-05	None	750	65.1	74.2	2

¹ See Note 1.



Type Certificate Holder¹ **AQUILA Aviation International GmbH** Aircraft Type Designation¹ **AT01-200**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 914 F3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 7 / Amendment 11-B** Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14339	MT-Propeller Entwicklung GmbH	MTV-21-A/175-05	Silencer: Gomolzig 7070-021_02P + 7070-019_02P	750	62.7	74.2	2

¹ See Note 1.



Type Certificate Holder¹ **AQUILA Aviation International GmbH** Aircraft Type Designation¹ **AT01-200**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 914 F3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14599	MT-Propeller Entwicklung GmbH	MTV-21-A/175-05	Silencer: Gomolzig 7070-021_02P + 7070-019_02P	800	65.2	75.3	-

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

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



Change Record

Issue	Date	Changes
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

