



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.591

for

AS202

Type Certificate Holder:
ACC Columbia Jet Service GmbH
Benkendorffstraße 38
30855 Langenhagen
GERMANY

For models:

AS202/15

AS202/15-1

AS202/18A

AS202/18A1

AS202/18A2

AS202/18A3

AS202/18A4



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Type Certificate Holder¹ **ACC Columbia Jet Service GmbH** Aircraft Type Designation¹ **AS202/15**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **O-320-E2A**

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

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)	Overflight dB(A)		See Note
					Level ¹	Limit	
C10721	McCauley	1C172/MGM7458	None	999			2

¹ See Note 1.



Type Certificate Holder¹ **ACC Columbia Jet Service GmbH** Aircraft Type Designation¹ **AS202/15-1**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **O-320-E2A**

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

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)	Overflight dB(A)		See Note
					Level ¹	Limit	
C10722	McCauley	1C172/MGM7458	None	999			2

¹ See Note 1.



Type Certificate Holder¹ **ACC Columbia Jet Service GmbH** Aircraft Type Designation¹ **AS202/18A**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-360-B1F**

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

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)	Overflight dB(A)		See Note
					Level ¹	Limit	
C10714	Hartzell Propeller Inc.	HC-C2YK-1BF	None	1,050	70.0	74.0	3

¹ See Note 1.



Type Certificate Holder¹ **ACC Columbia Jet Service GmbH** Aircraft Type Designation¹ **AS202/18A1**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-360-B1F**

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

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)	Overflight dB(A)		See Note
					Level ¹	Limit	
C10629	Hartzell Propeller Inc.	HC-C2YK-1BF	None	1,050	70.0	74.0	3

¹ See Note 1.



Type Certificate Holder¹ **ACC Columbia Jet Service GmbH** Aircraft Type Designation¹ **AS202/18A2**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-360-B1F**

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

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)	Overflight dB(A)		See Note
					Level ¹	Limit	
C10715	Hartzell Propeller Inc.	HC-C2YK-1BF	None	1,080	70.4	74.4	3

¹ See Note 1.



Type Certificate Holder¹ **ACC Columbia Jet Service GmbH** Aircraft Type Designation¹ **AS202/18A3**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-360-B1F**

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

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)	Overflight dB(A)		See Note
					Level ¹	Limit	
C10716	Hartzell Propeller Inc.	HC-C2YK-1BF	None	1,080	70.4	74.4	3

¹ See Note 1.



Type Certificate Holder¹ **ACC Columbia Jet Service GmbH** Aircraft Type Designation¹ **AS202/18A4**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-360-B1F**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** 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	
C15186	MT-Propeller Entwicklung GmbH	MTV-12-B-C/C183-59	Service Bulletin SB 2023-03 (Propeller Installation and Exhaust Modification), Muffler: ACC COLUMBIA Jet Service GmbH 202-20.320	1,080	76.8	79.9	-

¹ See Note 1.



Type Certificate Holder¹ **ACC Columbia Jet Service GmbH** Aircraft Type Designation¹ **AS202/18A4**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-360-B1F**

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

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)	Overflight dB(A)		See Note
					Level ¹	Limit	
C5378	Hartzell Propeller Inc.	HC-C2YK-1BF	None	1,080	70.4	74.4	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.591 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. This aircraft type conforms with the provisions of Art 9 (2) of Regulation 2018/1139 without the need to comply with the Standards of ICAO Annex 16, Volume I, by virtue of the date of type certification. However individual examples of this type which were first issued with a certificate of airworthiness on or after 1 January 1980 are required to demonstrate compliance with the Standards of ICAO Annex 16, Volume I, Chapter 6.
3. Propeller diameter not more than 74 inches and not less than 72 inches.



Change Record

Issue	Date	Changes
01	31 May 2012	Initial issue
02	05 October 2023	Added record C15186 for SB 2023-03

