



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.362

for

EA 300

Type Certificate Holder:

Extra Flugzeugproduktions- und Vertriebs GmbH

Schwarze Heide 21

46569 Hünxe

GERMANY

For models:

EA 300

EA 300/200

EA 300/L

EA 300/LC

EA 300/LT

EA 300/S

EA 300/SC

EA 300/SX



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Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-540-L1B5**

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	
C3017	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: ACC Columbia EA300-606000	950	77.3	82.5	-

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-540-L1B5**

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	
C3018	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: ACC Columbia EA300-606500	950	64.5	72.7	-

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-540-L1B5D**

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	
C3019	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: ACC Columbia EA300-606000	950	77.3	82.5	-

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-540-L1B5D**

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	
C3020	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: ACC Columbia EA300-606500	950	64.5	72.7	-

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300/200**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-360-A1E**

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	
C3023	MT-Propeller Entwicklung GmbH	MTV-12-B-C/C183-17e	Muffler: ACC Columbia EA200-606000 With exhaust pipe Gomolzig 606000/1	840	73.9	80.8	-
C3022	MT-Propeller Entwicklung GmbH	MTV-12-B-C/C183-17e	Muffler: ACC Columbia EA200-606000	840	75.6	80.8	-

¹ See Note 1.



Type Certificate Holder ¹	Extra Flugzeugproduktions- und Vertriebs GmbH	Aircraft Type Designation ¹	EA 300/L
Engine Manufacturer ¹	Lycoming Engines	Engine Type Designation ¹	AEIO-540-L1B5
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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	
C3024	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: ACC Columbia EA300-606000	950	77.3	82.5	-

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300/L**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-540-L1B5**

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	
C3025	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: ACC Columbia EA300-606500	950	64.5	72.7	-

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300/L**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-540-L1B5D**

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	
C3026	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: ACC Columbia EA300-606000	950	77.3	82.5	-

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300/L**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-540-L1B5D**

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	
C3027	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: ACC Columbia EA300-606500	950	64.5	72.7	-

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300/L**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-580-B1A**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment 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	
C5614	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: ACC Columbia EA300-606000	950	77.3	77.9	-
C8825	MT-Propeller Entwicklung GmbH	MTV-9-B-C/C198-25	Muffler: ACC Columbia EA300-606000	950	77.8	77.9	2

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300/LC**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-580-B1A**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 6 / Amendment 10** 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	
C11284	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-130	Muffler: ACC Columbia EA300-606000	950	74.2	77.9	2

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300/LT**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-580-B1A**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** 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	
C9899	MT-Propeller Entwicklung GmbH	MTV-9-B-C/C198-25	Muffler: ACC Columbia EA300-606000	950	77.7	77.9	-

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300/S**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-540-L1B5**

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	
C3030	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: ACC Columbia EA300-606000	920	77.3	82.0	-

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300/S**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-540-L1B5**

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	
C3031	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: ACC Columbia EA300-606500	920	64.5	72.3	-

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300/S**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-540-L1B5D**

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	
C3032	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: ACC Columbia EA300-606000	920	77.3	82.0	-

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300/S**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-540-L1B5D**

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	
C3033	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: ACC Columbia EA300-606500	920	64.5	72.3	-

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300/SC**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-580-B1A**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment 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	
C10723	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-130	Muffler: ACC Columbia EA300-606000	870	72.7	76.6	2
C5640	MT-Propeller Entwicklung GmbH	MTV-9-B-C/C198-25	Muffler: ACC Columbia EA300-606000	870	76.3	76.6	2

¹ See Note 1.



Type Certificate Holder¹ **Extra Flugzeugproduktions- und Vertriebs GmbH** Aircraft Type Designation¹ **EA 300/SX**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-580-B1A**

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	
C15306	MT-Propeller Entwicklung GmbH	MTV-9-B-C/C198-25	Maximum take-off rpm limited to 2600rpm, Muffler: ACC Columbia EA300-606000	870	76.4	76.6	2
C15307	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-130	Maximum take-off rpm limited to 2600rpm, Muffler: ACC Columbia EA300-606000	870	72.3	76.6	2

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.362 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. Maximum take-off engine rotational speed limited to 2600 rpm



Change Record

Issue	Date	Changes
Issue 1	25 July 2008	Initial Issue
Issue 2	18 August 2008	Revised
Issue 3	18 February 2009	Revised
Issue 4	31 May 2010	Added model 300/LT
Issue 5	09 July 2010	Record C9899: Muffler added
Issue 6	01 September 2010	Record C9899: Changed noise level to 77,7 dB(A)
Issue 7	08 April 2011	Added model EA 300/LC; added modification description to records C8825 and C5640
Issue 8	16 July 2012	Addition of MT-Propeller MTV-9-B-C/C198-25 to EA 300/SC (Record C10723)
Issue 9	08 September 2013	Added alternative propeller for model EA 300/LC
Issue 10	06 April 2016	Records C3022 and C3023 added.
Issue 11	29 February 2024	Added model EA 300/SX
Issue 12	17 June 2024	Muffler manufacturer changed from "Gomolzig" to "ACC Columbia"

