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Issue: 11



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)

FACA	Duanallan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		See
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C3017	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: Gomolzig EA300-606000	950	77.3	82.5	-





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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 Chapter¹ ICAO Annex 16, Volume I Edition / Amendment 6

ΓΛΩ			Additional modifications essential to	Maximum	Overflight dB(A)		See
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C3018	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: Gomolzig EA300-606500	950	64.5	72.7	-

¹ See Note 1.



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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-L1B5D

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

FACA	Dropollor		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	Çoo.
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C3019	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: Gomolzig EA300-606000	950	77.3	82.5	-

¹ See Note 1.



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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-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	Overflight dB(A)		200
				Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C3020	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: Gomolzig EA300-606500	950	64.5	72.7	-

¹ See Note 1.



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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	Duenallan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		See
Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C3023	MT-Propeller Entwicklung GmbH	MTV-12-B-C/C183-17e	Muffler: Gomolzig 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: Gomolzig EA200-606000	840	75.6	80.8	-

¹ See Note 1.



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Type Certificate Holder¹

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Aircraft Type Designation¹ EA 300/L

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

Extra Flugzeugproduktions- und Vertriebs GmbH

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

FACA	Duanallan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		Soo
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C3024	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: Gomolzig EA300-606000	950	77.3	82.5	-

¹ See Note 1.



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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	Overflight dB(A)		200
				Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C3025	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: Gomolzig EA300-606500	950	64.5	72.7	-

¹ See Note 1.



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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)

FACA	Duanallan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		Soo
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C3026	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: Gomolzig EA300-606000	950	77.3	82.5	-

¹ See Note 1.



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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	Overflight dB(A)		200
				Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C3027	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: Gomolzig EA300-606500	950	64.5	72.7	-

¹ See Note 1.



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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	Duanallan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		See	
Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note	
C5614	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: Gomolzig EA300-606000	950	77.3	77.9	-	
C8825	MT-Propeller Entwicklung GmbH	MTV-9-B-C/C198-25	Muffler: Gomolzig EA300-606000	950	77.8	77.9	2	

¹ See Note 1.



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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)

TACA .	Dranallar		Additional modifications essential to meet	Maximum	Take-Off dB(A)		200
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C11284	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-130	Muffler: Gomolzig EA300-606000	950	74.2	77.9	2





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

> (Commercial Designation 330LX)

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

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 4 / Amendment 8 Chapter¹ 10 (10.4b)

EASA	Propeller		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	See
Record No.	Manufacturer ¹	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C10337	MT-Propeller Entwicklung GmbH	MTV-9-B-C/C198-25	Muffler: Gomolzig EA300-606000	950	77.8	77.9	2

¹ See Note 1.



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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)

ΓΛςΛ	Dranallar		Additional modifications essential to meet	Maximum	Take-Off dB(A)		Soo
Record No. Propeller Record No. Manufacturer ¹	•	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C9899	MT-Propeller Entwicklung GmbH	MTV-9-B-C/C198-25	Muffler: Gomolzig EA300-606000	950	77.7	77.9	-





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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 Propeller Record No. Manufacturer ¹			Additional modifications essential to meet	Maximum	Take-Off dB(A)		S00
		Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C3030	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: Gomolzig EA300-606000	920	77.3	82.0	-





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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

FACA	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to	Maximum	Overflight dB(A)		Coo
EASA Record No.			meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C3031	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: Gomolzig EA300-606500	920	64.5	72.3	-





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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)

ΓΛΩ	Dunallan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		Coo
Record No. Propeller Record No. Manufacturer ¹	'	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C3032	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: Gomolzig EA300-606000	920	77.3	82.0	-





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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

ΓΛΟΛ		Propeller Type Designation ¹	Additional modifications essential to	Maximum	Overflight dB(A)		Coo
EASA Record No.	Propeller Manufacturer ¹		meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C3033	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	Muffler: Gomolzig EA300-606500	920	64.5	72.3	-

¹ See Note 1.



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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)

EACA	Dropollor		Additional modifications essential to meet	Maximum	Take-Off dB(A)		See Note
Record No. Propeller Record No. Manufacturer ¹		Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	
C10723	MT-Propeller	MTV-14-B-C/C190-130	Muffler: Gomolzig EA300-606000	870	72.7	76.6	2
C10723	Entwicklung GmbH		Widther: Gomolzig LA300-000000	870	72.7	70.0	
C5640	MT-Propeller	MTV-9-B-C/C198-25	Muffler, Complain EA200 606000	070	76.3	76.6	2
C5640	Entwicklung GmbH	IVII V-3-D-C/C138-25	Muffler: Gomolzig EA300-606000	870	70.3	70.0	2

¹ See Note 1.



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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)

ΓΛΩ	Dranallar		Additional modifications essential to meet	Maximum	Take-Off dB(A)		See
EASA Propeller Record No. Manufacturer ¹		Propeller Type Designation ¹ the requirements or needed to attain the certificated noise levels ¹		Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C15306	MT-Propeller Entwicklung GmbH	MTV-9-B-C/C198-25	Maximum take-off rpm limited to 2600rpm, Muffler: Gomolzig 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: Gomolzig EA300- 606000	870	72.3	76.6	2

¹ See Note 1.



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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

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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