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TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.353

for

ZLIN Z 26 - SERIES

Type Certificate Holder: ZLIN AIRCRAFT a.s.

> Letiště 1578 765 81 Otrokovice **CZECH REPUBLIC**

For models:

Z 126	Z 326	Z 526	Z 726
Z 226 A	Z 326 A	Z 526 A	Z 726 K
Z 226 B		Z 526 AFS	
Z 226 MS		Z 526 F	
Z 226 T		Z 526 L	



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 126

Engine Manufacturer¹ PARMA-Technik, s.r.o. Engine Type Designation¹ Minor 4-III

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

FACA	EASA Propeller Record No. Manufacturer ¹	Propeller Type	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)		500
Record No.		Designation ¹			Level ¹	Limit	See Note
C4881	Avia Propeller Ltd.	V 126	None	765	79.3	79.4	2



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 126

Engine Manufacturer¹ PARMA-Technik, s.r.o. Engine Type Designation¹ Minor 4-III

EASA Propeller Record No. Manufacturer ¹	Dropollor	Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		Soo
	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note	
C9939		L 26.1.8100.5	None	765			2

¹ See Note 1.



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 226 A

Engine Manufacturer¹ PARMA-Technik, s.r.o. Engine Type Designation¹ Minor 6-III

I LASA Flubellel	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		See Note
	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit		
C9948	Moravan	Z-226.641.2	None	745			2
C9946	Moravan	Z-226.641.2	None	715			3
C9949	Moravan	Z-326.641.1	None	745			2
C9947	Moravan	Z-326.641.1	None	715			3

¹ See Note 1.



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 226 B

Engine Manufacturer¹ PARMA-Technik, s.r.o. Engine Type Designation¹ Minor 6-III

EASA Propeller	Dranallar	Propeller Type	Additional modifications essential to meet the	Maximum	Take-O	ff dB(A)	200
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C9940	Avia Propeller Ltd.	V 226	None	770			2
C9941	Moravan	Z-226.640	None	770			2

¹ See Note 1.



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 226 MS

Engine Manufacturer¹ LOM praha, s.p. Engine Type Designation¹ M 137 A

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

EASA Propelle	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-O	ff dB(A)	See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C12611	Avia Propeller Ltd.	V 503	None	890	81.6	81.6	-
C12612	Avia Propeller Ltd.	V 503 A	None	890	81.6	81.6	-



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 226 T

Engine Manufacturer¹ PARMA-Technik, s.r.o. Engine Type Designation¹ Minor 6-III

EASA	No. Manufacturer ¹ Designation ¹ requirements or needed to attain the certificated noise levels ¹ Mass ¹ (kg) Level ¹ Limi	Propeller Type	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		See	
Record No.		Limit	Note					
C9942		T-226	None	820			2	
C9944		T-226	None	730			3	
C9943	Moravan	Z-226.641	None	820			2	
C9945	Moravan	Z-226.641	None	730			3	

¹ See Note 1.



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Type Certificate Holder¹ **ZLIN AIRCRAFT a.s.** Aircraft Type Designation¹ Z 326

Engine Manufacturer¹ PARMA-Technik, s.r.o. Engine Type Designation¹ Minor 6-III

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

FASA (Propeller Type		Additional modifications essential to meet the	- I	Take-O	Soo	
Record No.	Dosignation ¹	requirements or needed to attain the certificated noise levels ¹	Level ¹		Limit	See Note	
C5509	Moravan	Z-326.641	None	975	71.8	82.9	2



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 326

Engine Type Designation¹ Engine Manufacturer¹ PARMA-Technik, s.r.o. Minor 6-III

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

FACA	Duanellen	Propeller Type	Additional modifications essential to meet the	Maximum	Take-O	ff dB(A)	See
EASA Record No.	Propeller Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C9957	Moravan	Z-226.640	None	975			2
C9953	Moravan	Z-226.640	None	935			2
C9950	Moravan	Z-326.640	None	910			3
C9954	Moravan	Z-326.641	None	935			2
C10133	Moravan	Z-326.641	None	910			3
C9959	Moravan	Z-326.641.1	None	975			2
C9955	Moravan	Z-326.641.1	None	935			2
C9951	Moravan	Z-326.641.1	None	910			3
C9960	Moravan	Z-42.6413	None	975			2
C9956	Moravan	Z-42.6413	None	935			2

¹ See Note 1.



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 326

Engine Manufacturer¹ PARMA-Technik, s.r.o. Engine Type Designation¹ Minor 6-III

EASA Dro	Dropollor	Propeller Type	Additional modifications essential to meet the	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		Coo
Record No.	Designation ¹	l ''.	requirements or needed to attain the certificated noise levels ¹		Level ¹	Limit	See Note
C9952	Moravan	Z-42.6413	None	910			3

¹ See Note 1.



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 326 A

Engine Manufacturer¹ PARMA-Technik, s.r.o. Engine Type Designation¹ Minor 6-III

EASA Propeller	Dropollor	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass¹ (kg)	Take-Off dB(A)		See
Record No.	Manufacturer ¹				Level ¹	Limit	Note
C5529	Moravan	Z-326.641	None	850			2
C9961	Moravan	Z-326.641	None	790			3

¹ See Note 1.



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 526

Engine Manufacturer¹ PARMA-Technik, s.r.o. Engine Type Designation¹ Minor 6-III

EASA Propeller	Dranallar	Propeller Type	Additional modifications essential to meet the	Maximum	Take-O	ff dB(A)	Soc
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C9019	Avia Propeller Ltd.	V 503	None	975			2
C9962	Avia Propeller Ltd.	V 503	None	940			3

¹ See Note 1.



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 526 A

Engine Manufacturer¹ PARMA-Technik, s.r.o. Engine Type Designation¹ Minor 6-III

EASA	EASA Propeller Designation Additional modifications essential to meet the requirements or needed to attain the certificated noise levels noise levels		Maximum	Take-O	ff dB(A)	See	
Record No.			Take-Off Mass¹ (kg)	Level ¹	Limit	Note	
C9020	Avia Propeller Ltd.	V 503	None	910			2
C9963	Avia Propeller Ltd.	V 503	None	850			3

¹ See Note 1.



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 526 AFS

Engine Manufacturer¹ LOM praha, s.p. Engine Type Designation¹ M 137 A

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

EASA Propeller		Propeller Type	Additional modifications essential to meet the	Maximum	Take-O	ff dB(A)	200
Record No.	Dosignation ¹	requirements or needed to attain the certificated noise levels ¹	d Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note	
C14	Avia Propeller Ltd.	V 503 A	None	840	77.6	80.8	2



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 526 AFS

Engine Manufacturer¹ LOM praha, s.p. Engine Type Designation¹ M 137 A

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

EACA	Drapallar	Propeller Type	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	S00
Record No.	EASA Propeller Record No. Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C12	Avia Propeller Ltd.	V 503 A	None	740			3



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 526 F

Engine Manufacturer¹ LOM praha, s.p. Engine Type Designation¹ M 137 A

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

EASA Propeller		Propeller Type	Additional modifications essential to meet the	Maximum	Take-O	ff dB(A)	S00
Record No.	Posignation 1 requirements or needed to attain the certificated		Take-Off Mass¹ (kg)	Level ¹	Limit	See Note	
C5515	Avia Propeller Ltd.	V 503 A	Silencer: Gomolzig Typ 2 Zlin 526	975	78.2	82.9	-
C7	Avia Propeller Ltd.	V 503 A	None	975	76.9	82.9	2



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 526 F

Engine Type Designation¹ Engine Manufacturer¹ LOM praha, s.p. M 137 A

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

FASA Propeller		Propeller Type	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	\$00
Record No.	Docignation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note	
C6	Avia Propeller Ltd.	V 503 A	None	940			3



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 526 L

Engine Manufacturer¹ Lycoming Engine Type Designation¹ AIO-360-B1B

LASA Flopellel		Propeller Type	Additional modifications essential to meet the	Maximum	Take-O	ff dB(A)	200
		Designation ¹	Designation requirements or needed to attain the certificated		Take-Off Mass ¹ (kg) Level ¹	Limit	See Note
C9964	Hartzell Propeller Inc.	HC-C2YK-4	None	975			2
C9965	Hartzell Propeller Inc.	HC-C2YK-4	None	940			3

¹ See Note 1.



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 726

Engine Manufacturer¹ LOM praha, s.p. Engine Type Designation¹ M 137 AZ

EASA Propeller Record No. Manufacturer ¹		Propeller Type	Additional modifications essential to meet the	Maximum	Take-O	ff dB(A)	Soo
		Designation ¹			Level ¹	Limit	See Note
C9966	Avia Propeller Ltd.	V 503 A	None	1,000			2
C9967	Avia Propeller Ltd.	V 503 A	None	940			2

¹ See Note 1.



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Type Certificate Holder¹ ZLIN AIRCRAFT a.s. Aircraft Type Designation¹ Z 726 K

Engine Manufacturer¹ LOM praha, s.p. Engine Type Designation¹ M 337 AK

EASA Propeller Record No. Manufacturer ¹		Propeller Type	Additional modifications essential to meet the	Maximum	Take-O	ff dB(A)	Ç00
		Designation ¹			Level ¹	Limit	See Note
C9968	Avia Propeller Ltd.	V 500 A	None	1,000			2
C9969	Avia Propeller Ltd.	V 500 A	None	940			2

¹ See Note 1.



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CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level		8	9	10	11-B	12
Corresponding CS-36 Amendment level		1	2	3	4	5

TCDSN EASA.A.353 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 Article 6.1 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. This aircraft type conforms with the provisions of Article 6.1 of Regulation 2018/1139 without the need to comply with the Standards of ICAO Annex 16, Volume I, by virtue of being specifically designed for aerobatic purposes.



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Change Record

Issue	Date	Changes
Issue 1	16 May 2007	Initial Issue
Issue 2	23 November 2007	Revised
Issue 3	22 April 2009	Revised
Issue 4	24 August 2009	Revised
Issue 5	20 May 2011	Records C9939-C9957 and C9959-C9969 added.
Issue 6	05 April 2016	Revised
Issue 7	08 December 2020	Engine manufacturer changed from "GE Aviation Czech, s.r.o." to "PARMA-Technik, s.r.o." for Walter Minor Series Engines.

