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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 Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 126**

Engine Manufacturer<sup>1</sup>      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 4-III**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C4881	<b>Avia Propeller Ltd.</b>	<b>V 126</b>	<b>None</b>	<b>765</b>	<b>79.3</b>	<b>79.4</b>	<b>2</b>

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<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 126**

Engine Manufacturer<sup>1</sup>      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 4-III**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

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

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<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 226 A**

Engine Manufacturer<sup>1</sup>      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 6-III**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9948	<b>Moravan</b>	<b>Z-226.641.2</b>	<b>None</b>	<b>745</b>			<b>2</b>
C9946	<b>Moravan</b>	<b>Z-226.641.2</b>	<b>None</b>	<b>715</b>			<b>3</b>
C9949	<b>Moravan</b>	<b>Z-326.641.1</b>	<b>None</b>	<b>745</b>			<b>2</b>
C9947	<b>Moravan</b>	<b>Z-326.641.1</b>	<b>None</b>	<b>715</b>			<b>3</b>

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 226 B**

Engine Manufacturer<sup>1</sup>      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 6-III**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

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

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<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 226 MS**

Engine Manufacturer<sup>1</sup>      **LOM praha, s.p.**      Engine Type Designation<sup>1</sup>      **M 137 A**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

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

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<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 226 T**

Engine Manufacturer<sup>1</sup>      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 6-III**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

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

<sup>1</sup> See Note 1.





Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 326**

Engine Manufacturer<sup>1</sup>      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 6-III**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C5509	<b>Moravan</b>	<b>Z-326.641</b>	<b>None</b>	<b>975</b>	<b>71.8</b>	<b>82.9</b>	<b>2</b>

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 326**

Engine Manufacturer<sup>1</sup>      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 6-III**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

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

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 326**

Engine Manufacturer<sup>1</sup>      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 6-III**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9952	<b>Moravan</b>	<b>Z-42.6413</b>	<b>None</b>	<b>910</b>			<b>3</b>

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 326 A**

Engine Manufacturer<sup>1</sup>      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 6-III**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

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

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 526**

Engine Manufacturer<sup>1</sup>      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 6-III**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

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

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<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 526 A**

Engine Manufacturer<sup>1</sup>      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 6-III**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

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

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 526 AFS**

Engine Manufacturer<sup>1</sup>      **LOM praha, s.p.**      Engine Type Designation<sup>1</sup>      **M 137 A**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C14	<b>Avia Propeller Ltd.</b>	<b>V 503 A</b>	<b>None</b>	<b>840</b>	<b>77.6</b>	<b>80.8</b>	<b>2</b>

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<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 526 AFS**

Engine Manufacturer<sup>1</sup>      **LOM praha, s.p.**      Engine Type Designation<sup>1</sup>      **M 137 A**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

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

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<sup>1</sup> See Note 1.





Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 526 F**

Engine Manufacturer<sup>1</sup>      **LOM praha, s.p.**      Engine Type Designation<sup>1</sup>      **M 137 A**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C5515	<b>Avia Propeller Ltd.</b>	<b>V 503 A</b>	<b>Silencer: Gomolzig Typ 2 Zlin 526</b>	<b>975</b>	<b>78.2</b>	<b>82.9</b>	-
C7	<b>Avia Propeller Ltd.</b>	<b>V 503 A</b>	<b>None</b>	<b>975</b>	<b>76.9</b>	<b>82.9</b>	<b>2</b>

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 526 F**

Engine Manufacturer<sup>1</sup>      **LOM praha, s.p.**      Engine Type Designation<sup>1</sup>      **M 137 A**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C6	<b>Avia Propeller Ltd.</b>	<b>V 503 A</b>	<b>None</b>	<b>940</b>			<b>3</b>

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 526 L**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **AIO-360-B1B**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9964	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-4</b>	<b>None</b>	<b>975</b>			<b>2</b>
C9965	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-4</b>	<b>None</b>	<b>940</b>			<b>3</b>

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<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 726**

Engine Manufacturer<sup>1</sup>      **LOM praha, s.p.**      Engine Type Designation<sup>1</sup>      **M 137 AZ**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9966	<b>Avia Propeller Ltd.</b>	<b>V 503 A</b>	<b>None</b>	<b>1,000</b>			<b>2</b>
C9967	<b>Avia Propeller Ltd.</b>	<b>V 503 A</b>	<b>None</b>	<b>940</b>			<b>2</b>

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<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 726 K**

Engine Manufacturer<sup>1</sup>      **LOM praha, s.p.**      Engine Type Designation<sup>1</sup>      **M 337 AK**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9968	<b>Avia Propeller Ltd.</b>	<b>V 500 A</b>	<b>None</b>	<b>1,000</b>			<b>2</b>
C9969	<b>Avia Propeller Ltd.</b>	<b>V 500 A</b>	<b>None</b>	<b>940</b>			<b>2</b>

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<sup>1</sup> See Note 1.



### **CS-36 Amendment level**

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12
Corresponding CS-36 Amendment level	Initial	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.



### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
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.

