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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.IM.A.018**

**for**

**Maule M-4**

**Type Certificate Holder:**

**Maule Aerospace Technology, Inc.**  
2099 Georgia Highway 133 South  
Moultrie, Georgia 31768  
USA

For models:	M-4-220C	M-7-235	MXT-7-160
	M-5-210C	M-7-235B	MXT-7-180
	M-5-235C	MT-7-235	MXT-7-180A
	M-6-235	MX-7-180B	
		MX-7-180C	
		MX-7-235	

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Type Certificate Holder <sup>1</sup>	<b>Maule Aerospace Technology, Inc.</b>	Aircraft Type Designation <sup>1</sup>	<b>M-4-220C</b>
Engine Manufacturer <sup>1</sup>	<b>Franklin</b>	Engine Type Designation <sup>1</sup>	<b>6A-350-C1</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <sup>1</sup> <b>6</b>

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	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C3260	<b>McCauley</b>	<b>2A34C-22-N/(S)84SF-6</b>	<b>none</b>	<b>1,043</b>	<b>69.9</b>	<b>73.9</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **M-5-210C**

Engine Manufacturer<sup>1</sup>      **Teledyne Continental**      Engine Type Designation<sup>1</sup>      **IO-360-D**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

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	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C3262	<b>McCauley</b>	<b>D2A34C67/76C-2</b>	<b>none</b>	<b>1,043</b>	<b>72.9</b>	<b>73.9</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **M-5-235C**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **O-540-J1A5D**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

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	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C4887	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YR-1BF/F8468A-6R</b>	<b>none</b>	<b>1,043</b>	<b>67.6</b>	<b>73.9</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **M-6-235**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **IO-540-W1A5D**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

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	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9382	<b>McCauley</b>	<b>B3D32C414-()/()-82NDA-2</b>	<b>none</b>	<b>1,134</b>	<b>75.1</b>	<b>75.1</b>	-
C9383	<b>McCauley</b>	<b>B3D32C414-()/()-82NDA-4</b>	<b>none</b>	<b>1,134</b>	<b>75.1</b>	<b>75.1</b>	-
C3264	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YR-1BF/F8468A-6R</b>	<b>none</b>	<b>1,134</b>	<b>67.7</b>	<b>75.1</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **M-6-235**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **O-540-J1A5D**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

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	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C3266	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YR-1BF/F8468A-6R</b>	<b>none</b>	<b>1,134</b>	<b>67.7</b>	<b>75.1</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **M-7-235**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **IO-540-W1A5D**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

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	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C3268	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YR-1BF/F8468A-6R</b>	<b>none</b>	<b>1,134</b>	<b>67.7</b>	<b>75.1</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **M-7-235**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **O-540-J1A5D**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

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	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C3270	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YR-1BF/F8468A-6R</b>	<b>none</b>	<b>1,134</b>	<b>67.7</b>	<b>75.1</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **M-7-235B**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **O-540-B4B5**

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	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C5050	<b>McCauley</b>	<b>B2D37C-224-()/()-90RA-9</b>	<b>EDO model 797-2550 (Amphibious Floats)</b>	<b>1,247</b>	<b>82.6</b>	<b>86.4</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **M-7-235C**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **IO-540-W1A5D**

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	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C14344	<b>McCauley</b>	<b>B2D37C-224-()/()-90RA-9</b>	<b>none</b>	<b>1,134</b>	<b>82.7</b>	<b>85.0</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **MT-7-235**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **IO-540-W1A5**

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	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9011	<b>McCauley</b>	<b>B2D37C-224-()/()-90RA-9</b>	<b>none</b>	<b>1,134</b>	<b>82.7</b>	<b>85.0</b>	-
C114	<b>McCauley</b>	<b>B3D32C414-()/()-82NDA-2</b>	<b>none</b>	<b>1,134</b>	<b>80.1</b>	<b>85.0</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **MT-7-235**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **IO-540-W1A5D**

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	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C10475	<b>McCauley</b>	<b>B2D37C-224-()/()-90RA-9</b>	<b>none</b>	<b>1,134</b>	<b>82.7</b>	<b>85.0</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **MX-7-180B**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **O-360-C1F**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

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	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C3277	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YR-1BF/(F)7666A</b>	<b>none</b>	<b>1,134</b>	<b>72.8</b>	<b>75.1</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **MX-7-180C**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **O-360-C1F**

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	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C3279	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YR-1BF/(F)7666A</b>	<b>none</b>	<b>1,134</b>	<b>83.6</b>	<b>85.0</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **MX-7-235**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **IO-540-W1A5D**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

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	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C3281	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YR-1BF/F8468A-6R</b>	<b>none</b>	<b>1,134</b>	<b>67.7</b>	<b>75.1</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **MX-7-235**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **O-540-J1A5D**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

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	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C3283	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YR-1BF/F8468A-6R</b>	<b>none</b>	<b>1,134</b>	<b>67.7</b>	<b>75.1</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **MXT-7-160**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **O-320-B2D**

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	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C116	<b>Sensenich</b>	<b>74DM7S5-0-56</b>	<b>none</b>	<b>998</b>	<b>80.8</b>	<b>83.2</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **MXT-7-180**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **O-360-C1F**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

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	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C3273	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YR-1BF/(F)7666A</b>	<b>none</b>	<b>1,134</b>	<b>72.8</b>	<b>75.1</b>	-

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

Type Certificate Holder<sup>1</sup>      **Maule Aerospace Technology, Inc.**      Aircraft Type Designation<sup>1</sup>      **MXT-7-180A**

Engine Manufacturer<sup>1</sup>      **Lycoming**      Engine Type Designation<sup>1</sup>      **O-360-C4F**

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	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C115	<b>Sensenich</b>	<b>76EM8S5-0-56</b>	<b>none</b>	<b>1,089</b>	<b>79.4</b>	<b>84.4</b>	-

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

**TCDSN EASA.IM.A.018 Notes**

1. Items so marked shall be included on EASA Form 45.

### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	29 January 2007	Initial Issue
Issue 2	04 May 2007	Revised
Issue 3	06 November 2007	Revised
Issue 4	14 February 2008	Revised
Issue 5	07 April 2009	Revised
Issue 6	11 May 2009	Revised
Issue 7	13 July 2010	Added records C9382 & C9383
Issue 8	14 November 2011	Record C10475 added.
Issue 9	15 September 2020	Record C14344 added.

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