Issue: 9



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 Holder¹ Maule Aerospace Technology, Inc. Aircraft Type Designation¹ M-4-220C

Engine Manufacturer¹ Engine Type Designation¹ Franklin 6A-350-C1

Chapter¹ Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment 6

FACA	Dranallar	Dranellar Tuna	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	500
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C3260	McCauley	2A34C-22-N/(S)84SF-6	none	1,043	69.9	73.9	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Maule Aerospace Technology, Inc. M-5-210C

Engine Manufacturer¹ **Teledyne Continental** Engine Type Designation¹ IO-360-D

Chapter¹ Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment 6

FACA	Dranallar	Dranellar Type	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	Soo
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C3262	McCauley	D2A34C67/76C-2	none	1,043	72.9	73.9	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Maule Aerospace Technology, Inc. M-5-235C

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-540-J1A5D

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 6

5050	Drandlar	Dranallar Tyna	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	Soc
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C4887	Hartzell Propeller Inc.	HC-C2YR-1BF/F8468A-6R	none	1,043	67.6	73.9	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ M-6-235 Maule Aerospace Technology, Inc.

Engine Manufacturer¹ Engine Type Designation¹ Lycoming IO-540-W1A5D

ΓΛΟΛ	Dranellar	Dranallar Tyna	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	Soc
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C9382	McCauley	B3D32C414-()/()-82NDA-2	none	1,134	75.1	75.1	-
C9383	McCauley	B3D32C414-()/()-82NDA-4	none	1,134	75.1	75.1	-
C3264	Hartzell Propeller Inc.	HC-C2YR-1BF/F8468A-6R	none	1,134	67.7	75.1	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ M-6-235 Maule Aerospace Technology, Inc.

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-540-J1A5D

EASA	Dropollor	Dranellar Tyna	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	Soc
Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C3266	Hartzell Propeller Inc.	HC-C2YR-1BF/F8468A-6R	none	1,134	67.7	75.1	-

¹ See Note 1.



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Type Certificate Holder¹ Maule Aerospace Technology, Inc. Aircraft Type Designation¹ M-7-235

Engine Manufacturer¹ Lycoming Engine Type Designation¹ IO-540-W1A5D

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 6

FACA	Drandlar	Dranallar Tyna	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	Soo
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C3268	Hartzell Propeller Inc.	HC-C2YR-1BF/F8468A-6R	none	1,134	67.7	75.1	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Maule Aerospace Technology, Inc. M-7-235

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-540-J1A5D

FASA	Drapellar	Dranellar Tuna	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C3270	Hartzell Propeller Inc.	HC-C2YR-1BF/F8468A-6R	none	1,134	67.7	75.1	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Maule Aerospace Technology, Inc. M-7-235B

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-540-B4B5

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

FASA	Dranallar	Dranallar Tuna	Additional modifications essential to meet the	Maximum	Take-o	ff dB(A)	Soo
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C5050	McCauley	B2D37C-224-()/()-90RA-9	EDO model 797-2550 (Amphibious Floats)	1,247	82.6	86.4	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Maule Aerospace Technology, Inc. M-7-235C

Engine Manufacturer¹ Engine Type Designation¹ Lycoming IO-540-W1A5D

FACA	Dranallar	Dranallar Tuna	Additional modifications essential to meet the	Maximum	Take-o	ff dB(A)	Soo
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C14344	McCauley	B2D37C-224-()/()-90RA-9	none	1,134	82.7	85.0	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Maule Aerospace Technology, Inc. MT-7-235

Engine Manufacturer¹ Engine Type Designation¹ Lycoming IO-540-W1A5

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

FASA	Dropollor	Dranellar Tuna	Additional modifications essential to meet the	Maximum	Take-o	ff dB(A)	200
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C9011	McCauley	B2D37C-224-()/()-90RA-9	none	1,134	82.7	85.0	-
C114	McCauley	B3D32C414-()/()-82NDA-2	none	1,134	80.1	85.0	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Maule Aerospace Technology, Inc. MT-7-235

Engine Manufacturer¹ Engine Type Designation¹ Lycoming IO-540-W1A5D

FACA	Dranallar	Dranallar Tuna	Additional modifications essential to meet the	Maximum	Take-o	ff dB(A)	Soo.
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C10475	McCauley	B2D37C-224-()/()-90RA-9	none	1,134	82.7	85.0	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Maule Aerospace Technology, Inc. MX-7-180B

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-360-C1F

TACA .	Dropollor	Dranallar Tyna	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	Coo
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C3277	Hartzell Propeller Inc.	HC-C2YR-1BF/(F)7666A	none	1,134	72.8	75.1	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Maule Aerospace Technology, Inc. MX-7-180C

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-360-C1F

EASA	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		Coo
Record No.					Level ¹	Limit	See Note
C3279	Hartzell Propeller Inc.	HC-C2YR-1BF/(F)7666A	none	1,134	83.6	85.0	-

¹ See Note 1.



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Type Certificate Holder¹ Maule Aerospace Technology, Inc. Aircraft Type Designation¹ MX-7-235

Engine Manufacturer¹ Lycoming Engine Type Designation¹ IO-540-W1A5D

FASA	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		Soo.
EASA Record No.					Level ¹	Limit	See Note
C3281	Hartzell Propeller Inc.	HC-C2YR-1BF/F8468A-6R	none	1,134	67.7	75.1	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ MX-7-235 Maule Aerospace Technology, Inc.

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-540-J1A5D

EACA	Propeller Propeller Type Manufacturer ¹ Designation ¹	Dranellas Tuna	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		Coo
EASA Record No.					Level ¹	Limit	See Note
C3283	Hartzell Propeller Inc.	HC-C2YR-1BF/F8468A-6R	none	1,134	67.7	75.1	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Maule Aerospace Technology, Inc. MXT-7-160

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-320-B2D

EASA	Describes	December Town	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Coo
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C116	Sensenich	74DM7S5-0-56	none	998	80.8	83.2	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Maule Aerospace Technology, Inc. MXT-7-180

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-360-C1F

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 6

ΓΛΩ	Dropollor	Duran allan Tana	Additional modifications essential to meet the	Maximum	Overflight dB(A)		Caa
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C3273	Hartzell Propeller Inc.	HC-C2YR-1BF/(F)7666A	none	1,134	72.8	75.1	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Maule Aerospace Technology, Inc. MXT-7-180A

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-360-C4F

EASA	Duanellan	Danieller Tone	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Caa
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C115	Sensenich	76EM8S5-0-56	none	1,089	79.4	84.4	-

¹ See Note 1.



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TCDSN EASA.IM.A.018 Notes

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



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Change Record

Issue	Date	Changes
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.