



European Aviation Safety Agency

EASA

**TYPE-CERTIFICATE
DATA SHEET FOR NOISE**

No. EASA.IM.A.266

for

Mooney Model M20

**Type Certificate Holder:
Mooney Airplane Company Inc.**

165 Al Mooney Drive North
Kerrville, Texas 78028
USA

For models: M20M
M20R

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Type Certificate Holder ¹	Mooney Airplane Company Inc.	Aircraft Type Designation ¹	M20M
Engine Manufacturer ¹	Lycoming	Engine Type Designation ¹	TIO-540-AF1A
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 10 (10.4a)

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	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C3824	McCauley	B3D32C417/82NRD-7	none	1,528	79.0	88.0	-

¹ See Note 1.

Type Certificate Holder ¹	Mooney Airplane Company Inc.	Aircraft Type Designation ¹	M20M
Engine Manufacturer ¹	Lycoming	Engine Type Designation ¹	TIO-540-AF1A
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3404	McCauley	B3D32C417/82NRD-7	none	1,452	70.8	79.4	-

¹ See Note 1.

Type Certificate Holder ¹	Mooney Airplane Company Inc.	Aircraft Type Designation ¹	M20M
Engine Manufacturer ¹	Lycoming	Engine Type Designation ¹	TIO-540-AF1B
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 10 (10.4a)

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	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C3825	McCauley	B3D32C417/82NRD-7	none	1,528	79.0	88.0	-

¹ See Note 1.

Type Certificate Holder ¹	Mooney Airplane Company Inc.	Aircraft Type Designation ¹	M20M
Engine Manufacturer ¹	Lycoming	Engine Type Designation ¹	TIO-540-AF1B
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3406	McCauley	B3D32C417/82NRD-7	none	1,452	70.8	79.4	-

¹ See Note 1.

Type Certificate Holder ¹	Mooney Airplane Company Inc.	Aircraft Type Designation ¹	M20R
Engine Manufacturer ¹	Teledyne Continental	Engine Type Designation ¹	IO-550-G()
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 10 (10.4b)

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	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C3408	McCauley	2A34C241/82PGC-6	none	1,528	80.0	85.0	2
C4960	Hartzell Propeller Inc.	PHC-J3YF-1RF/F7693DF(B)-2	none	1,528	80.5	85.0	3
C4961	Hartzell Propeller Inc.	PHC-J3YF-1RF/F7693DF(B)-2	none	1,528	79.8	85.0	2

¹ See Note 1.

Type Certificate Holder ¹	Mooney Airplane Company Inc.	Aircraft Type Designation ¹	M20R
Engine Manufacturer ¹	Teledyne Continental	Engine Type Designation ¹	IO-550-G()
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 10 (10.4a)

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	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C3409	McCauley	3A32C418-()/G-82NRC-9	none	1,528	77.6	88.0	3

¹ See Note 1.

TCDSN EASA.IM.A.266 Notes

1. Items so marked shall be included on EASA Form 45.
2. Valid for S/N 29-183, 29-0200 thru 29-TBA.
3. Valid for S/N 29-001 thru 29-0182, 29-0184 thru 29-0199.

Change Record

Issue	Date	Changes
Issue 1	01 July 2009	Initial Issue
Issue 2	09 July 2014	Records C4960 and C4961: Propeller designation revised.

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