

# ***European Aviation Safety Agency***

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## **EASA TYPE-CERTIFICATE DATA SHEET FOR NOISE**

**OMF-100-160**

**Manufacturer:**

**1. Ostmecklenburgische Flugzeugbau GmbH**

Flughafenstraße  
D-17039 Trollehangen  
GERMANY

**2. OMF Flugzeugwerke GmbH**

Flughafenstraße  
D-17039 Trollehangen  
GERMANY

**3. Symphony Aircraft Industries Inc. (SAI)**

3005 Rue Lindberg  
Trois Rivières  
Quebec, G9A 5E1  
CANADA

Issue 1, 08 January 2007

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Aircraft Manufacturer \* **Ostmecklenburgische Flugzeugbau GmbH  
OMF Flugzeugwerke GmbH  
Symphony Aircraft Industries Inc. (SAI)** Aircraft Type Designation \* **OMF-100-160**

Engine Manufacturer \* **Lycoming** Engine Type Designation \* **O-320-D2A**

Propeller Manufacturer \* **MT-Propeller** Propeller Type Designation \* **MT 186 R 140-3D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels \* **Silencer: Heggemann 15-00208**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **3<sup>rd</sup> Edition** Chapter \* **10.4a) (Ten)**

EASA Record No.	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
		Level *	Limit
C1730	<b>889</b>	<b>69.4</b>	<b>81.6</b>

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\* Items so marked shall be included on EASA Form 45.

Aircraft Manufacturer \* **Ostmecklenburgische Flugzeugbau GmbH  
OMF Flugzeugwerke GmbH  
Symphony Aircraft Industries Inc. (SAI)** Aircraft Type Designation \* **OMF-100-160**

Engine Manufacturer \* **Lycoming** Engine Type Designation \* **O-320-D2A**

Propeller Manufacturer \* **MT-Propeller** Propeller Type Designation \* **MTV-12-C/180-17f**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels \* **STC STC for propeller change, Max. TO RPM reduced to 2500 RPM**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **3<sup>rd</sup> Edition** Chapter \* **10.4b) (Ten)**

EASA Record No.	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
		Level *	Limit
C1732	<b>889</b>	<b>69.0</b>	<b>76.9</b>

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Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **3<sup>rd</sup> Edition** Chapter \* **10.4b) (Ten)**

EASA Record No.	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
		Level *	Limit
C1729	<b>975</b>	<b>73.3</b>	<b>78.3</b>

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Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **3<sup>rd</sup> Edition** Chapter \* **10.4b) (Ten)**

EASA Record No.	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
		Level *	Limit
C1731	<b>975</b>	<b>69.0</b>	<b>78.3</b>

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