

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

T67A

**Type Certificate Holder:
Slingsby Aviation Ltd.**

Slingsby Advanced Composites Limited
Ings Lane, Kirkbymoorside
North Yorkshire
England, YO62 6EZ

For models : T67A
T67B
T67C
T67M
T67M 200
T67M MkII
T67M260
T67M260-T3A

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Type Certificate Holder* **Slingsby Aviation Ltd.** Aircraft Type Designation* **T67A**
 Engine Manufacturer* **Lycoming** Engine Type Designation* **O-235-N2A**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **6**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Overflight dB(A)	
					Level*	Limit
C5173	Hoffmann Propeller	HO-14-178-120	none	750	68,6	70,0

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

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Type Certificate Holder* **Slingsby Aviation Ltd.** Aircraft Type Designation* **T67A**
 Engine Manufacturer* **Lycoming** Engine Type Designation* **O-235-N2C**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **6**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Overflight dB(A)	
					Level*	Limit
C5174	Hoffmann Propeller	HO-14-178-120	none	750	68,6	70,0

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Type Certificate Holder* **Slingsby Aviation Ltd.** Aircraft Type Designation* **T67B**
 Engine Manufacturer* **Lycoming** Engine Type Designation* **O-235-N2A**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **6**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Overflight dB(A)	
					Level*	Limit
C1033	Sensenich	72CK-0-56	Highest power in the normal operating range set to 2600rpm	862	70,0	71,5

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Type Certificate Holder* **Slingsby Aviation Ltd.** Aircraft Type Designation* **T67B**
 Engine Manufacturer* **Lycoming** Engine Type Designation* **O-235-N2C**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **6**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Overflight dB(A)	
					Level*	Limit
C5175	Sensenich	72CK-0-56	Highest power in the normal operating range set to 2600rpm	862	70,0	71,5

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Type Certificate Holder* **Slingsby Aviation Ltd.** Aircraft Type Designation* **T67C**
 Engine Manufacturer* **Lycoming** Engine Type Designation* **O-320-D2A**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **6**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Overflight dB(A)	
					Level*	Limit
C1036	Sensenich	74DM6-0-64	M357 (Increased weight modification), Silencer: Wulsag M126 (Wulsag cross-flow type exhaust system (post mod. 126) standard defined by DRG. T67D-50-003)	953	70,4	72,7
C1037	Sensenich	74DM6-0-64	Silencer: Wulsag M126 (Wulsag cross-flow type exhaust system (post mod. 126) standard defined by DRG. T67D-50-003)	907	69,8	72,1

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Type Certificate Holder* **Slingsby Aviation Ltd.** Aircraft Type Designation* **T67C**
 Engine Manufacturer* **Lycoming** Engine Type Designation* **O-320-D2A**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10 (10.4a)**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C171	Sensenich	74DM6-0-64	M495 (Increased weight modification)	975	74,9	82,9

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Type Certificate Holder* **Slingsby Aviation Ltd.** Aircraft Type Designation* **T67M**
 Engine Manufacturer* **Lycoming** Engine Type Designation* **AEIO-320-D1B**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **6**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Overflight dB(A)	
					Level*	Limit
C1040	Hoffmann Propeller	HO-V72L-V-180-CB	none	907	71,5	72,1

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Type Certificate Holder * **Slingsby Aviation Ltd.** Aircraft Type Designation * **T67M 200**
 Engine Manufacturer * **Lycoming** Engine Type Designation * **AEIO-360-A1E**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter * **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C1044	Hoffmann Propeller	HO-V123K-KV/180DT	M358, M914 (Increased weight modification), M822 (Propeller installation)	1.020	70,1	73,6
C1045	Hoffmann Propeller	HO-V123K-V/180DT	M358, M914 (Increased weight modification), M333 (Propeller installation)	1.020	70,1	73,6
C1046	Hoffmann Propeller	HO-V123K-V/180R	M358, M914 (Increased weight modification)	1.020	71,5	73,6
C5211	Hoffmann Propeller	HO-V123K-KV/180DT	M822 (Propeller installation)	975	69,4	73,0
C5206	Hoffmann Propeller	HO-V123K-V/180DT	M333 (Propeller installation)	975	69,4	73,0
C1047	Hoffmann Propeller	HO-V123K-V/180R	none	975	70,8	73,0

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Type Certificate Holder * **Slingsby Aviation Ltd.**

Aircraft Type Designation * **T67M 200**

Engine Manufacturer * **Lycoming**

Engine Type Designation * **AEIO-360-A1E6**

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

Chapter * **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C1048	Hoffmann Propeller	HO-V123K-KV/180DT	M358, M914 (Increased weight modification), M917 (Engine installation), M822 (Propeller installation)	1.020	70,1	73,6
C5210	Hoffmann Propeller	HO-V123K-V/180DT	M358, M914 (Increased weight modification), M917 (Engine installation) , M333 (Propeller installation)	1.020	70,1	73,6
C5209	Hoffmann Propeller	HO-V123K-V/180R	M358, M914 (Increased weight modification), M917 (Engine installation)	1.020	71,5	73,6
C5212	Hoffmann Propeller	HO-V123K-KV/180DT	M917 (Engine installation), M822 (Propeller installation)	975	69,4	73,0
C5208	Hoffmann Propeller	HO-V123K-V/180DT	M917 (Engine installation), M333 (Propeller installation)	975	69,4	73,0
C5207	Hoffmann Propeller	HO-V123K-V/180R	M917 (Engine installation)	975	70,8	73,0

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Type Certificate Holder * **Slingsby Aviation Ltd.** Aircraft Type Designation * **T67M MkII**
 Engine Manufacturer * **Lycoming** Engine Type Designation * **AEIO-320-D1B**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter * **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C1041	Hoffmann Propeller	HO-V72L-V-180-CB	M321 (Increased weight modification) , Silencer: Wulsag M126 (Wulsag cross-flow exhaust and built-in muffler to Slingsby modification M126)	953	67,6	72,7
C1043	Hoffmann Propeller	HO-V72L-V-180-CB	Silencer : Wulsag M126 (Wulsag cross-flow type exhaust and built-in muffler (post mod. 126) standard defined by DRG. T67M-50-021)	907	66,2	72,1

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Type Certificate Holder* **Slingsby Aviation Ltd.** Aircraft Type Designation* **T67M MkII**
 Engine Manufacturer* **Lycoming** Engine Type Designation* **AEIO-320-D1B**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10 (10.4a)**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C173	Hoffmann Propeller	HO-V72L-V-180-CB	M537 (Increased weight modification), Silencer: Wulsag M126 (Wulsag cross-flow exhaust and built-in muffler to Slingsby modification M126)	975	77,3	82,9

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Type Certificate Holder* **Slingsby Aviation Ltd.** Aircraft Type Designation* **T67M260**
 Engine Manufacturer* **Lycoming** Engine Type Designation* **AEIO-540-D4A5**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10 (10.4a)**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C175	Hoffmann Propeller	HO-V123K-KV-180DT	M605 (Increased weight modification), Silencer: Eland EL049540-001	1.157	79,8	85,3
C5204	Hoffmann Propeller	HO-V123K-KV-180DT	Silencer: Eland EL049540-001	1.146	79,8	85,2

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Type Certificate Holder* **Slingsby Aviation Ltd.** Aircraft Type Designation* **T67M260-T3A**
 Engine Manufacturer* **Lycoming** Engine Type Designation* **AEIO-540-D4A5**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10 (10.4a)**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C5172	Hoffmann Propeller	HO-V123K-KV-180DT	M605 (Increased weight modification), Silencer: Eland EL049540-001	1.157	79,8	85,3
C5205	Hoffmann Propeller	HO-V123K-KV-180DT	Silencer: Eland EL049540-001	1.146	79,8	85,2

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Change Record

Issue	Date	Changes
Issue 1	24 September 2007	Initial Issue
Issue 2	09 September 2010	Revised