

# ***European Aviation Safety Agency***

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**EASA**

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

**S2R**

**Type Certificate Holder:  
Thrush Aircraft, Inc.**

300 Old Pretoria Road  
P.O. Box 3149  
Albany, Georgia 31706-3149  
USA

For models : S2R  
S2RHG-T65  
S2R-T15  
S2R-T34  
S2R-T660

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Type Certificate Holder	<b>Thrush Aircraft, Inc.</b>	Aircraft Type Designation	<b>S2R</b>
Engine Manufacturer	<b>Curtiss-Wright Corporation</b>	Engine Type Designation	<b>Wright R-1300-1B</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications	Maximum Take-off mass (kg)	Take-off dB(A)	
					Level	Limit
C10020	<b>Hamilton Standard</b>	<b>23D40/6601A-30S</b>	<b>none</b>	<b>2.722</b>	<b>**</b>	<b>**</b>

\*\*The aircraft is in accordance with the provisions of Article 6.1 of Regulation 216/2008 without the need to comply with the Standards of ICAO Annex 16, Volume I, by virtue of being specifically designed for agricultural purposes.

















Type Certificate Holder	<b>Thrush Aircraft, Inc.</b>	Aircraft Type Designation	<b>S2R-T660</b>
Engine Manufacturer	<b>Pratt &amp; Whitney Canada</b>	Engine Type Designation	<b>PT6A-45A</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications	Maximum Take-off mass (kg)	Take-off dB(A)	
					Level	Limit
C10032	<b>Hartzell Propeller Inc.</b>	<b>HC-B5MP-3C/M10876ANS</b>	<b>none</b>	<b>5.670</b>	<b>**</b>	<b>**</b>

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Type Certificate Holder	<b>Thrush Aircraft, Inc.</b>	Aircraft Type Designation	<b>S2R-T660</b>
Engine Manufacturer	<b>Pratt &amp; Whitney Canada</b>	Engine Type Designation	<b>PT6A-45B</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications	Maximum Take-off mass (kg)	Take-off dB(A)	
					Level	Limit
C10033	<b>Hartzell Propeller Inc.</b>	<b>HC-B5MP-3C/M10876ANS</b>	<b>none</b>	<b>5.670</b>	<b>**</b>	<b>**</b>

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Type Certificate Holder	<b>Thrush Aircraft, Inc.</b>	Aircraft Type Designation	<b>S2R-T660</b>
Engine Manufacturer	<b>Pratt &amp; Whitney Canada</b>	Engine Type Designation	<b>PT6A-65AR</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications	Maximum Take-off mass (kg)	Take-off dB(A)	
					Level	Limit
C10030	<b>Hartzell Propeller Inc.</b>	<b>HC-B5MP-3C/M10876ANS</b>	<b>none</b>	<b>5.670</b>	<b>**</b>	<b>**</b>

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Type Certificate Holder	<b>Thrush Aircraft, Inc.</b>	Aircraft Type Designation	<b>S2R-T660</b>
Engine Manufacturer	<b>Pratt &amp; Whitney Canada</b>	Engine Type Designation	<b>PT6A-65B</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications	Maximum Take-off mass (kg)	Take-off dB(A)	
					Level	Limit
C10031	<b>Hartzell Propeller Inc.</b>	<b>HC-B5MP-3C/M10876ANS</b>	<b>none</b>	<b>5.670</b>	<b>**</b>	<b>**</b>

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Type Certificate Holder	<b>Thrush Aircraft, Inc.</b>	Aircraft Type Designation	<b>S2R-T660</b>
Engine Manufacturer	<b>Pratt &amp; Whitney Canada</b>	Engine Type Designation	<b>PT6A-67AG</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications	Maximum Take-off mass (kg)	Take-off dB(A)	
					Level	Limit
C4897	<b>Hartzell Propeller Inc.</b>	<b>HC-B5MA-3D/M11276NS</b>	<b>none</b>	<b>5.670</b>	<b>**</b>	<b>**</b>

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Type Certificate Holder	<b>Thrush Aircraft, Inc.</b>	Aircraft Type Designation	<b>S2RHG-T65</b>
Engine Manufacturer	<b>Pratt &amp; Whitney Canada</b>	Engine Type Designation	<b>PT6A-60AG</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications	Maximum Take-off mass (kg)	Take-off dB(A)	
					Level	Limit
C4898	<b>Hartzell Propeller Inc.</b>	<b>HC-B5MP-3C/M10876A(N)S</b>	<b>none</b>	<b>4.763</b>	<b>**</b>	<b>**</b>

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Type Certificate Holder	<b>Thrush Aircraft, Inc.</b>	Aircraft Type Designation	<b>S2RHG-T65</b>
Engine Manufacturer	<b>Pratt &amp; Whitney Canada</b>	Engine Type Designation	<b>PT6A-65AG</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications	Maximum Take-off mass (kg)	Take-off dB(A)	
					Level	Limit
C10027	<b>Hartzell Propeller Inc.</b>	<b>HC-B5MP-3C/M10876A(N)S</b>	<b>none</b>	<b>4.763</b>	<b>**</b>	<b>**</b>

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**Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	20 July 2010	Initial issue