Thrush S2R series Page 1 of 25
Date: 05 January 2015

TCDSN EASA.IM.A.040 Issue: 2



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.040

for

THRUSH S2R

Type Certificate Holder:
Thrush Aircraft, Inc.
300 Old Pretoria Road
P.O. Box 3149
Albany, Georgia 31706-3149
USA

For models: S2R

S2R-H80 S2RHG-T65 S2R-T15 S2R-T34 S2R-T660



TCDSN EASA.IM.A.040 Page 2 of 25 Issue: 2 Date: 05 January 2015

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Page 3 of 25 Issue: 2 Date: 05 January 2015

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R

Engine Manufacturer Pratt & Whitney Engine Type Designation WASP R-1340-AN-1

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

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-of	Take-off dB(A)	
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C4894	Hamilton Standard	12D40/6101-12	none	2,722	-		1



Page 4 of 25 Date: 05 January 2015 Issue: 2

Thrush Aircraft, Inc. Type Certificate Holder Aircraft Type Designation S2R

Engine Manufacturer Curtiss-Wright Corporation Engine Type Designation Wright R-1300-1B

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10020	Hamilton Standard	23D40/6601A-30S	none	2,722	-		1



Page 5 of 25 Issue: 2 Date: 05 January 2015

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-H80

Engine Manufacturer GE Aviation Czech, s.r.o. **Engine Type Designation** H80-100

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C12145	Hartzell Propeller Inc.	HC-B4TW-3/T10282N(S)	none	4,763	-		2



Page 6 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T15

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-15AG

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C4896	Hartzell Propeller Inc.	HC-B3TN-3C/T-10282	none	2,722	-		1



Page 7 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T15

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-27

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		- See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10026	Hartzell Propeller Inc.	HC-B3TN-3C/T-10282	none	2,722	-		1



Page 8 of 25 Issue: 2 Date: 05 January 2015

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T34

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-34

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		- See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10023	Hartzell Propeller Inc.	HC-B3TN-3C/T-10282	none	2,722	-		1



Page 9 of 25 Issue: 2 Date: 05 January 2015

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T34

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-34AG

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C4895	Hartzell Propeller Inc.	HC-B3TN-3C/T-10282	none	2,722	-		1



Page 10 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T34

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-36

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-of	ff dB(A)	See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10022	Hartzell Propeller Inc.	HC-B3TN-3C/T-10282	none	2,722	-		1



Page 11 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T34

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-41

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10021	Hartzell Propeller Inc.	HC-B3TN-3C/T-10282	none	2,722	-		1



Page 12 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T34

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-41AG

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10025	Hartzell Propeller Inc.	HC-B3TN-3C/T-10282	none	2,722	-		1



Page 13 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T34

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-42

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		- See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10024	Hartzell Propeller Inc.	HC-B3TN-3C/T-10282	none	2,722	-		1



Page 14 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T660

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-45A

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-of	ff dB(A)	- See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10032	Hartzell Propeller Inc.	HC-B5MP-3C/M10876ANS	none	5,670	1		1



Page 15 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T660

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-45B

EASA	A Propollor	Propeller Propeller Type	Additional modifications essential to meet the	Maximum	Take-of	ff dB(A)	See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10033	Hartzell Propeller Inc.	HC-B5MP-3C/M10876ANS	none	5,670	-		1



Page 16 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T660

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-45R

EASA	Propeller	Propeller Propeller Type	Additional modifications essential to meet the	Maximum	Take-of	ff dB(A)	See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10034	Hartzell Propeller Inc.	HC-B5MP-3C/M10876ANS	none	5,670	-		1



Page 17 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T660

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-60AG

EASA	Propeller	Propeller Type	Additional modifications essential to meet the Maximum	Maximum	Take-of	ff dB(A)	See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10028	Hartzell Propeller Inc.	HC-B5MP-3C/M10876ANS	none	5,670	-		1



Page 18 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T660

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-65AG

EASA	Propeller	Propeller Type	Propeller Type	Maximum	Take-of	ff dB(A)	See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10029	Hartzell Propeller Inc.	HC-B5MP-3C/M10876ANS	none	5,670	-		1



Page 19 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T660

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-65AR

EASA	SA Brandlar	Propeller Propeller Type A	Additional modifications essential to meet the	Maximum	Take-of	ff dB(A)	See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10030	Hartzell Propeller Inc.	HC-B5MP-3C/M10876ANS	none	5,670	-		1



Page 20 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T660

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-65B

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-of	ff dB(A)	See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10031	Hartzell Propeller Inc.	HC-B5MP-3C/M10876ANS	none	5,670	-		1



Page 21 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2R-T660

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-67AG

EASA	Dropollor	Propeller Propeller Type Additional modifications essential to meet the	Additional modifications essential to meet the	Maximum	Take-of	ff dB(A)	See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C4897	Hartzell Propeller Inc.	HC-B5MA-3D/M11276NS	none	5,670	-		1



Page 22 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2RHG-T65

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-60AG

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-of	ff dB(A)	See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C4898	Hartzell Propeller Inc.	HC-B5MP-3C/M10876A(N)S	none	4,763	-		1



Page 23 of 25 Date: 05 January 2015 Issue: 2

Type Certificate Holder Thrush Aircraft, Inc. Aircraft Type Designation S2RHG-T65

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-65AG

EASA	Propeller	Propeller Propeller Type Additional modifications essential to meet the	Maximum	Take-of	ff dB(A)	See	
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10027	Hartzell Propeller Inc.	HC-B5MP-3C/M10876A(N)S	none	4,763	1		1



TCDSN EASA.IM.A.040 Page 24 of 25 Issue: 2 Date: 05 January 2015

TCDSN EASA.IM.A.040 Notes

1. This aircraft type conforms 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.

2. This aircraft type conforms 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 agriculture and fire fighting purposes.

TCDSN EASA.IM.A.040 Page 25 of 25 Issue: 2 Date: 05 January 2015

Change Record

Issue	Date	Changes
Issue 1	20 July 2010	Initial issue
Issue 2	05 January 2015	Record C12145 added.

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