



**European Aviation Safety Agency**

---

**EASA**

**TYPE-CERTIFICATE  
DATA SHEET FOR NOISE**

**No. EASA.A.388**

**for**

**BN2 Islander Series Aircraft**

**Type Certificate Holder:  
Britten-Norman Aircraft Limited**

The Airport  
Bembridge  
Isle of Wight  
PO35 5PR

For models:

Islander BN2A-8, -9, -20, -21, -26, -27  
Islander BN2B-20, -21, -26, -27  
Islander BN2T, -4R, -4S

INTENTIONALLY LEFT BLANK























Type Certificate Holder **Britten-Norman Aircraft Limited** Aircraft Type Designation **BN2B-20 Islander**  
 Engine Manufacturer **Lycoming** Engine Type Designation **IO-540-K1B5**  
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter **6**

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Overflight dB(A)		See Note
					Level	Limit	
C478	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4</b>	<b>NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle.)</b>	<b>2.994</b>	<b>76,7</b>	<b>80,0</b>	<b>2</b>
C480	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6</b>	<b>NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle.)</b>	<b>2.994</b>	<b>76,3</b>	<b>80,0</b>	<b>2</b>
C484	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4</b>	<b>NB/M/1090, NB/M/1155 Appendices 4 &amp; 6 (Highest power in the normal operating range set to 2500rpm at full throttle, Camera floor modification.)</b>	<b>2.994</b>	<b>77,1</b>	<b>80,0</b>	<b>-</b>
C485	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6</b>	<b>NB/M/1090, NB/M/1155 Appendices 4 &amp; 6 (Highest power in the normal operating range set to 2500rpm at full throttle, Camera floor modification.)</b>	<b>2.994</b>	<b>76,7</b>	<b>80,0</b>	<b>-</b>
C10582	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4</b>	<b>none</b>	<b>2.994</b>	<b>-</b>	<b>-</b>	<b>2</b>
C10583	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6</b>	<b>none</b>	<b>2.994</b>	<b>-</b>	<b>-</b>	<b>2</b>
C498	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6</b>	<b>none</b>	<b>2.976</b>	<b>77,7</b>	<b>80,0</b>	<b>2</b>

/continued over page











Type Certificate Holder **Britten-Norman Aircraft Limited** Aircraft Type Designation **BN2B-26 Islander**  
 Engine Manufacturer **Lycoming** Engine Type Designation **O-540-E4C5**  
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter **6**

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Overflight dB(A)		See Note
					Level	Limit	
C476	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4</b>	<b>NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle.)</b>	<b>2.994</b>	<b>76,6</b>	<b>80,0</b>	<b>2</b>
C490	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6</b>	<b>NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle.)</b>	<b>2.994</b>	<b>75,2</b>	<b>80,0</b>	<b>2</b>
C493	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4</b>	<b>NB/M/1090, NB/M/1232 (Highest power in the normal operating range set to 2500rpm at full throttle, De-icing modification.)</b>	<b>2.994</b>	<b>76,9</b>	<b>80,0</b>	<b>-</b>
C492	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6</b>	<b>NB/M/1090, NB/M/1232 (Highest power in the normal operating range set to 2500rpm at full throttle, De-icing modification.)</b>	<b>2.994</b>	<b>75,5</b>	<b>80,0</b>	<b>-</b>
C495	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4</b>	<b>NB/M/1090, NB/M/1232, NB/M/754, NB/M/755, NB/M/941 (Highest power in the normal operating range set to 2500rpm at full throttle, De-icing modification, Military pylon assembly modification, Hard carrier modification, Under-wing fuel tank modification.)</b>	<b>2.994</b>	<b>77,8</b>	<b>80,0</b>	<b>-</b>

/continued over page









Type Certificate Holder<sup>1</sup>    **Britten-Norman Aircraft Limited**                      Aircraft Type Designation<sup>1</sup>    **BN2T-4R Islander**

Engine Manufacturer<sup>1</sup>        **Allison**    Engine Type Designation<sup>1</sup>    **250-B17F/1**

Noise Certification Basis    **ICAO Annex 16, Volume I**    Edition / Amendment                      Chapter<sup>1</sup>                      **10**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C50	<b>Hartzell Propeller Inc.</b>	<b>HC-C3YF-5F/FC7818K</b>	<b>none</b>	<b>3.855</b>	<b>79,8</b>	<b>88,0</b>	-

---

<sup>1</sup> See Note 1.



**TCDSN EASA.A.388 Notes**

1. Items so marked shall be included on EASA Form 45.
2. By virtue of the date of type certification this aircraft type 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. However for individual examples of this aircraft type which were first issued with a certificate of airworthiness on or after 1 January 1980 there is a need to demonstrate compliance with the Standards of ICAO Annex 16, Volume I.

**Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	08 November 2011	Initial issue

-END-