



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.388

for

BN2 Islander Series Aircraft

Type Certificate Holder:

Britten-Norman Aircraft Limited

Bembridge Airport,
PO35 5PR Bembridge
Isle of Wight, United Kingdom

For models:

BN2	BN2B-20	BN2T
BN2A	BN2B-21	BN2T-2
BN2A-2	BN2B-26	BN2T-2R
BN2A-20	BN2B-27	BN2T-4R
BN2A-21		BN2T-4S
BN2A-26		
BN2A-27		
BN2A-3		
BN2A-6		
BN2A-8		
BN2A-9		



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Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4C5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C10557	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477A-4	None	2,585			2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4C5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C10558	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477A-4	None	2,722			2
C10559	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477A-6	None	2,722			2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-2**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C466	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477A-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,858	75.8	80.0	2
C468	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477A-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,858	75.3	80.0	2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-20**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C470	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	76.7	80.0	2
C472	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	76.3	80.0	2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-20**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C10564	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	None	2,994			2
C10565	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,994			2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-21**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C471	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	76.7	80.0	2
C473	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	76.3	80.0	2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-21**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C10566	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	None	2,994			2
C10567	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,994			2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-26**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4C5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C474	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	76.6	80.0	2
C488	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	75.2	80.0	2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-26**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4C5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C10568	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	None	2,994			2
C10569	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,994			2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-27**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4C5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C475	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	76.6	80.0	2
C489	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	75.2	80.0	2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-27**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4C5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C10570	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	None	2,994			2
C10571	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,994			2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-3**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C467	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477A-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,858	75.8	80.0	2
C469	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477A-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,858	75.3	80.0	2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-3**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C10572	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477A-4	None	2,858			2
C10573	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477A-6	None	2,858			2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-6**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4C5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C456	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477A-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,858	75.4	80.0	2
C462	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477A-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,858	74.0	80.0	2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-8**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4C5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C458	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,858	75.4	80.0	2
C464	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,858	74.0	80.0	2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-8**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4C5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C10578	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	None	2,858			2
C10579	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,858			2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-9**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4C5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C459	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,858	75.4	80.0	2
C465	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,858	74.0	80.0	2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2A-9**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4C5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C10580	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	None	2,858			2
C10581	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,858			2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2B-20**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C9970	Hartzell Propeller Inc.	HC-C3YR-2UF/FC7693F	NB/M/1772 (Installation of Hartzell scimitar propeller, maximum take-off power set to 2625rpm at full throttle)	2,994	88.0	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2B-20**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C478	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)(B)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	76.7	80.0	2
C480	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)(B)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	76.3	80.0	2
C484	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)(B)-4	NB/M/1090, NB/M/1155 Appendices 4 & 6 (Highest power in the normal operating range set to 2500rpm at full throttle, Camera floor modification)	2,994	77.1	80.0	-
C485	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)(B)-6	NB/M/1090, NB/M/1155 Appendices 4 & 6 (Highest power in the normal operating range set to 2500rpm at full throttle, Camera floor modification)	2,994	76.7	80.0	-

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2B-20**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C10582	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)(B)-4	None	2,994			2
C10583	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)(B)-6	None	2,994			2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2B-21**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C9971	Hartzell Propeller Inc.	HC-C3YR-2UF/FC7693F	NB/M/1772 (Installation of Hartzell scimitar propeller, maximum take-off power set to 2625rpm at full throttle)	2,994	88.0	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2B-21**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C479	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	76.7	80.0	2
C481	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	76.3	80.0	2
C499	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,994	77.8	80.0	2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2B-21**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C10584	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	None	2,994			2
C10585	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,994			2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2B-26**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4C5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C476	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	76.6	80.0	2
C490	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	75.2	80.0	2
C493	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	NB/M/1090, NB/M/1232 (Highest power in the normal operating range set to 2500rpm at full throttle, De-icing modification)	2,994	76.9	80.0	-
C492	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	NB/M/1090, NB/M/1232 (Highest power in the normal operating range set to 2500rpm at full throttle, De-icing modification)	2,994	75.5	80.0	-
C495	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	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)	2,994	77.8	80.0	-

¹ See Note 1.



C494	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	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)	2,994	76.4	80.0	-
C496	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	NB/M/1090, NB/M/1477 (NB/M/1232, NB/M/1385) (Highest power in the normal operating range set to 2500rpm at full throttle, Omnibus modification including de-icing and sliding door modifications)	2,994	75.6	80.0	-
C504	Hartzell Propeller Inc.	HC-C3YR-2UF/FC8468-8R	None	2,994	79.7	80.0	2



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2B-26**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4C5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C8999	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	None	2,994			2
C10586	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,994			2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2B-27**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4C5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C477	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	76.6	80.0	-
C491	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)(C)8477(A)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	2,994	75.2	80.0	-
C505	Hartzell Propeller Inc.	HC-C3YR-2UF/FC8468-8R	None	2,994	79.7	80.0	2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2T**

Engine Manufacturer¹ **Allison** Engine Type Designation¹ **250-B17C**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C515	Hartzell Propeller Inc.	HC-C3YF-5F/FC8475FK-6	None	3,175	69.5	80.0	-
C513	Hartzell Propeller Inc.	HC-C3YF-5F/FC8475FK-6	None	2,994	68.2	80.0	-

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2T-2**

Engine Manufacturer¹ **Allison** Engine Type Designation¹ **250-B17C**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C12109	Hartzell Propeller Inc.	HC-C3YF-5F/FC8475F-6	None	3,855	82.0	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2T-2R**

Engine Manufacturer¹ **Allison** Engine Type Designation¹ **250-B17C**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C12110	Hartzell Propeller Inc.	HC-C3YF-5F/FC8475F-6	None	3,855	82.2	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2T-4R**

Engine Manufacturer¹ **Allison** Engine Type Designation¹ **250-B17F/1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C50	Hartzell Propeller Inc.	HC-C3YF-5F/FC7818K	None	3,855	79.8	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN2T-4S**

Engine Manufacturer¹ **Allison** Engine Type Designation¹ **250-B17F/1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C51	Hartzell Propeller Inc.	HC-C3YF-5F/FC7818K	None	3,855	80.0	88.0	-

¹ See Note 1.



CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5

TCDSN EASA.A.388 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. This aircraft type conforms with the provisions of Article 6.1 of Regulation 2018/1139 without the need to comply with the Standards of ICAO Annex 16, Volume I, by virtue of the date of type certification. However individual examples of this type which were first issued with a certificate of airworthiness on or after 1 January 1980 are required to demonstrate compliance with the Standards of ICAO Annex 16, Volume I, Chapter 6.



Change Record

Issue	Date	Changes
Issue 1	08 November 2011	Initial Issue
Issue 2	20 October 2014	Revised
Issue 3	23 November 2020	Revised

-END-

