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Date: 23 November 2020

TCDSN No.: EASA.A.388

Issue: 3



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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TCDSN No.: EASA.A.388

Issue: 3

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	Propeller		Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C10557	Hartzell Propeller Inc.	HC-C2YK- 2(B)(C)(U)(F)/(F)(C)8477A-4	None	2,585			2

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming O-540-E4C5

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

	Propeller Ty Manufacturer ¹	_ ,, _ , , , 1	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		See
		Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C10558	Hartzell	HC-C2YK-	None	2,722			2
C10338	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477A-4					2
C10559	Hartzell	HC-C2YK-	None	2,722			2
C10339	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477A-6	Notic	2,722			2

¹ See Note 1.



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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	Propeller Prope		Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
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.



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Issue: 3

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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming 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	Overflight dB(A)		See
				Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C470	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2.004	76.7	90.0	2
C470	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-4	operating range set to 2500rpm at full throttle)	2,994	70.7	80.0	2
C472	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2 004	76.3	80.0	2
C472	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	operating range set to 2500rpm at full throttle)	2,994	70.5	80.0	2

¹ See Note 1.



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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 Mass¹ (kg)	Take-Off dB(A)		See
					Level ¹	Limit	Note
C10564	Hartzell	HC-C2YK-	None	2,994			2
C10504	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-4					2
C10565	Hartzell	HC-C2YK-	None	2,994			2
C10303	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,994			2

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming IO-540-K1B5

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

EASA	Propeller	_ , , _ , , 1	Additional modifications essential to meet the	Maximum	Overflight dB(A)		- See	
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note	
C471	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2.004	76.7	90.0	2	
C4/1	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-4	operating range set to 2500rpm at full throttle)	2,994	76.7	80.0	2	
C473	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2 004	76.3	80.0	2	
C473	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	operating range set to 2500rpm at full throttle)) 2,994	70.3	80.0	2	

¹ See Note 1.



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Issue: 3

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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming IO-540-K1B5

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

EASA Record No.	Propeller F 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 Mass¹ (kg)	Take-Off dB(A)		- See	
					Level ¹	Limit	Note	
C10566	Hartzell	HC-C2YK-	None	2,994			2	
C10300	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-4	Notie				2	
C10567	Hartzell	HC-C2YK-	None	2 004			2	
C10367	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,994			2	

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming O-540-E4C5

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

	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	
					Level ¹	Limit	Note	
C474	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2.004	76.6	90.0	2	
C474	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-4	operating range set to 2500rpm at full throttle)	2,994	76.6	80.0	2	
C488	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2.004	75.2	80.0	2	
C466	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	operating range set to 2500rpm at full throttle)	2,994	75.2	80.0	2	

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming O-540-E4C5

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

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 Mass¹ (kg)	Take-Off dB(A)		See
					Level ¹	Limit	Note
C10568	Hartzell	HC-C2YK-	Nana	2,994			2
C10308	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-4	None				2
C10569	Hartzell	HC-C2YK-	None	2,994			2
C10569	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,994			2

¹ See Note 1.



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Issue: 3

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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming O-540-E4C5

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

EASA	Propeller		Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C475	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2.004	76.6	80.0	2
C4/5	Propeller Inc.	2.994	2,994	76.6	80.0	2	
C489	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2 004	75.2	80.0	2
C469	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	operating range set to 2500rpm at full throttle)	2,994	75.2	80.0	2

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming O-540-E4C5

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

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 Mass¹ (kg)	Take-Off dB(A)		See
					Level ¹	Limit	Note
C10570	Hartzell	HC-C2YK-	None	2,994			2
C10570	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-4					2
C10571	Hartzell	HC-C2YK-	None	2,994			2
C105/1	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,994			2

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming IO-540-K1B5

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

EASA	Propeller		Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C467	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2 000	75.8	80.0	2
C467	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477A-4	operating range set to 2500rpm at full throttle)	2,858	/5.8	80.0	2
C469	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2,858	75.3	80.0	2
C469	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477A-6	operating range set to 2500rpm at full throttle)	2,050	75.5	80.0	2

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming IO-540-K1B5

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

EASA Record No. N	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 dB(A)		See
				Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C10572	Hartzell	HC-C2YK-	None	2,858			2
C10572	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477A-4	None	2,050			2
C10573	Hartzell	HC-C2YK-	None	2,858			2
C10575	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477A-6	None	2,050			2

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming O-540-E4C5

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

EASA	Propeller		Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C456	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2 000	75.4	80.0	2
C456	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477A-4	operating range set to 2500rpm at full throttle)	2,858	/5.4	80.0	2
C462	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2,858	74.0	80.0	2
C402	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477A-6	operating range set to 2500rpm at full throttle)	2,858	74.0	80.0	2

¹ See Note 1.



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

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-540-E4C5

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

EASA	Propeller		Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C458	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2,858	75.4	80.0	2
C436	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-4	operating range set to 2500rpm at full throttle)	2,030	75.4	80.0	2
C464	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2,858	74.0	80.0	2
C464	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	operating range set to 2500rpm at full throttle)	2,058	74.0	80.0	2

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming O-540-E4C5

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

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 dB(A)		See
				Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C10578	Hartzell	HC-C2YK-	None	2,858			2
C10578	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-4	Notie	2,050			2
C10579	Hartzell	HC-C2YK-	None	2,858			2
C10579	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,050			2

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming O-540-E4C5

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

EASA	Propeller		Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C459	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2 050	75.4	80.0	2
C459	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-4	operating range set to 2500rpm at full throttle)	2,858	75.4	80.0	2
C465	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2,858	74.0	80.0	2
C405	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	operating range set to 2500rpm at full throttle)	2,030	74.0	60.0	2

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming O-540-E4C5

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

EASA	Propeller		Additional modifications essential to meet the	Maximum	Take-Off dB(A)		See	
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note	
C10580	Hartzell	HC-C2YK-	None	2,858			2	
C10360	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-4	Notie	2,050			2	
C10581	Hartzell	HC-C2YK-	None	2,858			2	
C10361	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	Notice	2,050			2	

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming IO-540-K1B5

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

FASA D.	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		Soo
EASA Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
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.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming IO-540-K1B5

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

FACA	Propeller	1	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	Soc
EASA Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
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.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming IO-540-K1B5

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

	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 dB(A)		See
				Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C10582	Hartzell	HC-C2YK-	None	2,994			2
C10362	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)(B)-4	None	2,334			2
C10583	Hartzell	HC-C2YK-	None	2,994			2
C10363	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)(B)-6	None	2,994			2

¹ See Note 1.



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Issue: 3

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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming IO-540-K1B5

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

EASA	Dropollor	Propeller Type	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		- See	
Record No.	Propeller Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note	
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.



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Issue: 3

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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming IO-540-K1B5

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

EASA	Dropollor		Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	See	
Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note	
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.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming IO-540-K1B5

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

EASA	Propeller		Additional modifications essential to meet the	Maximum	Take-Off dB(A)		See
Record No.	Flobeliei Type Design		requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C10584	Hartzell	HC-C2YK-	None	2,994			2
C10364	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-4	None	2,554			2
C10585	Hartzell	HC-C2YK-	None	2,994			2
C10363	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	None	2,554			2

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming O-540-E4C5

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

FACA	Doorellee		Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	6
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
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			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.



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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



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming O-540-E4C5

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

EASA	Propeller		Additional modifications essential to meet the	Maximum	Take-Off dB(A)		See
Record No.	Fropelier Type Designation		requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C8999	Hartzell	HC-C2YK-	None	2.004			2
(8999	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-4	None	2,994			2
C10586	Hartzell	HC-C2YK-	None	2,994			2
C10366	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	7(A)-6 None				2

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Lycoming O-540-E4C5

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

EASA	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the	Maximum	Overflight dB(A)		- See	
Record No.			requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note	
C477	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2,994	76.6	80.0	_	
6477	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-4	operating range set to 2500rpm at full throttle)	2,334	70.0	00.0		
C491	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	2,994	75.2	80.0	_	
C491	Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-6	operating range set to 2500rpm at full throttle)	2,334	75.2	80.0	_	
C505	Hartzell	HC COVE OFFICE (ECOVED OF	None	2 004	79.7	80.0	2	
C305	Propeller Inc.	HC-C3YR-2UF/FC8468-8R	None	2,994	73.7	6U.U	2	

¹ See Note 1.



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

Engine Manufacturer¹ Engine Type Designation¹ Allison 250-B17C

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

ΕΛSΛ	EASA Propeller Propeller Type Additional modifications essential		Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
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.



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

Engine Type Designation¹ Engine Manufacturer¹ Allison 250-B17C

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

EACA	Dranallar	Propeller Type	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		See
EASA Record No.	Propeller Manufacturer ¹	Designation ¹		Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C12109	Hartzell Propeller Inc.	HC-C3YF-5F/FC8475F-6	None	3,855	82.0	88.0	-

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Allison 250-B17C

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

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C12110	Hartzell Propeller Inc.	HC-C3YF-5F/FC8475F-6	None	3,855	82.2	88.0	-

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Allison 250-B17F/1

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

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		See
Record No.	Manufacturer ¹	Designation ¹		Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C50	Hartzell Propeller Inc.	HC-C3YF-5F/FC7818K	None	3,855	79.8	88.0	-

¹ See Note 1.



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

Engine Type Designation¹ Engine Manufacturer¹ Allison 250-B17F/1

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

EACA.	Propeller Type	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		Soo	
EASA Record No.	Propeller Manufacturer ¹	Designation ¹		Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C51	Hartzell Propeller Inc.	HC-C3YF-5F/FC7818K	None	3,855	80.0	88.0	-

¹ See Note 1.



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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.

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Issue: 3 Date: 23 November 2020

Change Record

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

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