



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.389

for

BN2A Mark III Trislander

Type Certificate Holder:

Britten-Norman Aircraft Limited

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

For models:

BN.2A MARK III
BN.2A MARK III-1
BN.2A MARK III-2
BN.2A MARK III-3



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Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN.2A MARK III**

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	
C14414	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)C8477(A)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	4,241	78.8	80.0	2
C14415	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)C8477(A)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	4,241	78.0	80.0	2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN.2A MARK III-1**

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	
C534	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)C8477(A)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	4,536	79.9	80.0	2
C537	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)C8477(A)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	4,536	79.1	80.0	2
C14412	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)C8477(A)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	4,457	79.9	80.0	2
C14413	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)C8477(A)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	4,457	79.1	80.0	2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN.2A MARK III-2**

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	
C535	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)C8477(A)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	4,536	79.9	80.0	2
C538	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)C8477(A)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	4,536	79.1	80.0	2

¹ See Note 1.



Type Certificate Holder¹ **Britten-Norman Aircraft Limited** Aircraft Type Designation¹ **BN.2A MARK III-3**

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	
C536	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)C8477(A)-4	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	4,536	79.9	80.0	2
C539	Hartzell Propeller Inc.	HC-C2YK-2(B)(C)(U)(F)/(F)C8477(A)-6	NB/M/1090 (Highest power in the normal operating range set to 2500rpm at full throttle)	4,536	79.1	80.0	2

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.389 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	12 November 2020	Initial Issue

