BN2A Mark III Trislander

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Date: 12 November 2020

Issue: 1

TCDSN No.: EASA.A.389



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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TCDSN No.: EASA.A.389

Issue: 1 Date: 12 November 2020

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	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
C14414	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	4.244	78.8	80.0	2
Propeller Inc.		2(B)(C)(U)(F)/(F)C8477(A)-4	operating range set to 2500rpm at full throttle)	4,241	70.0	80.0	2
C14415	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	4,241	78.0	80.0	2
	Propeller Inc.	2(B)(C)(U)(F)/(F)C8477(A)-6	operating range set to 2500rpm at full throttle)	4,241 78.0	80.0	2	

¹ See Note 1.



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

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. Manufacture		Propeller Type Designation ¹ requirements or needed to attain the certificated noise levels ¹		Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C534	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	4,536	79.9	80.0	2
C554	Propeller Inc.	2(B)(C)(U)(F)/(F)C8477(A)-4	operating range set to 2500rpm at full throttle)	4,550			2
C537	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	4,536	79.1	80.0	2
C337	Propeller Inc.	2(B)(C)(U)(F)/(F)C8477(A)-6	operating range set to 2500rpm at full throttle)	4,550			2
C14412	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	4 457	79.9	80.0	2
C14412	Propeller Inc.	2(B)(C)(U)(F)/(F)C8477(A)-4	operating range set to 2500rpm at full throttle)	4,457	75.5	80.0	2
C14413	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	4.457	79.1	80.0	2
	Propeller Inc.	2(B)(C)(U)(F)/(F)C8477(A)-6	operating range set to 2500rpm at full throttle)	4,457	79.1	6U.U	2

¹ See Note 1.



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Issue: 1 Date: 12 November 2020

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	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 $^{\mathrm{1}}$	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C535	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	4.536	79.9	80.0	2
C353	Propeller Inc.	2(B)(C)(U)(F)/(F)C8477(A)-4	operating range set to 2500rpm at full throttle)	4,536			2
C538	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	4 526	79.1	80.0	2
	Propeller Inc.	2(B)(C)(U)(F)/(F)C8477(A)-6	operating range set to 2500rpm at full throttle)	4,536 79.1	75.1	80.0	2

¹ See Note 1.



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

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
C536	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	4.526	79.9	80.0	2
C550	Propeller Inc.	2(B)(C)(U)(F)/(F)C8477(A)-4	operating range set to 2500rpm at full throttle)	4,536			2
C539	Hartzell	HC-C2YK-	NB/M/1090 (Highest power in the normal	4.536	79.1	80.0	2
	Propeller Inc.	2(B)(C)(U)(F)/(F)C8477(A)-6	operating range set to 2500rpm at full throttle)	4,556 79.1	80.0	2	

¹ See Note 1.



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CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level		8	9	10	11-B	12
Corresponding CS-36 Amendment level		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.

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Change Record

Issue	Date	Changes
Issue 1	12 November 2020	Initial Issue