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TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.388

for

BN2 Islander Series Aircraft

Type Certificate Holder: Britten-Norman Aerospace Ltd Commodore House, Mountbatten Business Centre Millbrook Road East Southampton SO15 1HY 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. Issue: 5	: EASA.IM.A.388					Page 3 of 38 Date: 17 February 2025
Type Cert	ificate Holder ¹	Britten-Norman Aerospace I	Ltd	Aircraft Type Designation (Commercial Designation		
Engine T	CHolder	Lycoming Engines		Engine Type Designation ¹	O-540-E4C5	
Noise Ce	rtification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Ch	apter ¹ -	

FASA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	Sec.
Record No.	EASA ecord No. Propeller TC Holder Propeller Type Designation ¹		meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C14477	Hartzell Propeller Inc.	HC-C2YK- 2(B)(C)(U)(F)/(F)(C)8477A-4	None	2,585			2



Type Certificate Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2A Islander)
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹	O-540-E4C5
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendmen	nt Chapte	er ¹ -

EASA		Additional modifications essential to m		litional modifications essential to meet Maximum		Take-Off dB(A)	
Record No.	Propeller TC Holder	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
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 Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation1BN2A-2(Commercial DesignationIslander)	
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹ IO-540-K1B5	
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter ¹ 6	

EASA			Additional modifications essential to	Maximum	Overflight dB(A)		See
Record No.	Propeller TC Holder	Propeller Type Designation ¹	meet the 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.



Type Certificate Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation1BN2A-20(Commercial DesignationIslander)
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹ IO-540-K1B5
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter ¹ 6

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

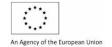
¹ See Note 1.



Type Certificate Holder ¹	Britten-Norman Aerospace	Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2A-20 Islander)
Engine TC Holder	Lycoming Engines		Engine Type Designation ¹	IO-540-K1B5
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapte	er ¹ -

EASA			Additional modifications essential to meet	Maximum	Take-Off dB(A)		- See
Record No.	Propeller TC Holder	Propeller Type Designation	eller Type Designation ¹ the requirements or needed to attain the certificated noise levels ¹		Level ¹	Limit	Note
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 Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation1BN2A-21(Commercial DesignationIslander)
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹ IO-540-K1B5
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter ¹ 6

EASA Record No. Propeller TC Hold			Additional modifications essential to	Maximum	Overflig	ht dB(A)	See
	Propeller TC Holder	Propeller Type Designation ¹ meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note	
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 Holder ¹	Britten-Norman Aerospace I	.td	Aircraft Type Designation ¹ (Commercial Designation	BN2A-21 Islander)
Engine TC Holder	Lycoming Engines		Engine Type Designation ¹	IO-540-K1B5
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapte	er ¹ -

EASA Record No. Propeller TC Holder			Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	See
			Take-Off Mass ¹ (kg)	Level ¹	Limit	Note	
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 Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2A-26 Islander)
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹	O-540-E4C5
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter ¹	6

EASA Record No. Propeller TC Holder			Additional modifications essential to	Maximum	Overflig	ht dB(A)	See
	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note	
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 Holder ¹	Britten-Norman Aerospace Ltd		Aircraft Type Designation ¹ (Commercial Designation	BN2A-26 Islander)
Engine TC Holder	Lycoming Engines		Engine Type Designation ¹	O-540-E4C5
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapte	er ¹ -

EASA Record No. Propeller TC Holder			Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	See
	·		Take-Off Mass ¹ (kg)	Level ¹	Limit	Note	
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 Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2A-27 Islander)
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹	O-540-E4C5
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapte	er ¹ 6

EASA Record No. Propeller TC Hold			Additional modifications essential to	Maximum	Overflig	ht dB(A)	See
	Propeller TC Holder	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
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 Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation1BN2A-27(Commercial DesignationIslander)
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹ O-540-E4C5
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter ¹ -

EASA Record No. Propeller TC Holder			Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	See
			Take-Off Mass ¹ (kg)	Level ¹	Limit	Note	
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 Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation1BN2A-3(Commercial DesignationIslander)	
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹ IO-540-K1B5	
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter ¹ 6	

EASA			Additional modifications essential to	Maximum	Overflight dB(A)		See
EASA Record No. Propeller TC Holder		Propeller Type Designation ¹ meet the requirements or needed to attain the certificated noise levels ¹		Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
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 Holder ¹	Britten-Norman Aerospace Ltd		Aircraft Type Designation ¹ (Commercial Designation	BN2A-3 Islander)
Engine TC Holder	Lycoming Engines		Engine Type Designation ¹	IO-540-K1B5
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapte	er ¹ -

EASA Record No. Propeller			Additional modifications essential to meet	Maximum	Take-Off dB(A)		See	
	Propeller TC Holder	r TC Holder Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note	
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 Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2A-6 Islander)
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹	O-540-E4C5
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter	¹ 6

EASA			Additional modifications essential to	Maximum	Overflight dB(A)		See Note
EASA Record No. Propeller TC Holder	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	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 Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation1BN2A-8(Commercial DesignationIslander)	
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹ O-540-E4C5	
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter ¹ 6	

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

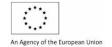
¹ See Note 1.



Type Certificate Holder ¹	Britten-Norman Aerospace Ltd		Aircraft Type Designation ¹ (Commercial Designation	BN2A-8 Islander)
Engine TC Holder	Lycoming Engines		Engine Type Designation ¹	O-540-E4C5
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapte	er ¹ -

EASA Record No. Propeller TC Holder			Additional modifications essential to meet	Maximum	Take-Off dB(A)		See
	Propeller TC Holder	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
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 Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2A-9 Islander)
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹	O-540-E4C5
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapte	er ¹ 6

EASA			Additional modifications essential to	Maximum	Overflight dB(A)		See
EASA Record No. Propeller TC Hold	Propeller TC Holder	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
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 Holder ¹	Britten-Norman Aerospace Ltd		Aircraft Type Designation ¹ (Commercial Designation	BN2A-9 Islander)
Engine TC Holder	Lycoming Engines		Engine Type Designation ¹	O-540-E4C5
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapte	er ¹ -

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



Page 21 of 38 TCDSN No.: EASA.IM.A.388 Date: 17 February 2025 Issue: 5 Type Certificate Holder¹ **Britten-Norman Aerospace Ltd** Aircraft Type Designation¹ BN2B-20 (Commercial Designation Islander) Engine TC Holder Lycoming Engines Engine Type Designation¹ IO-540-K1B5 Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 10 (10.4a)

EASA			Additional modifications essential to meet	Maximum	Take-Off dB(A)		500
Record No.	Propeller TC Holder	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (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 Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2B-20 Islander)
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹	IO-540-K1B5
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapte	er ¹ 6

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



Type Certificate Holder ¹	Britten-Norman Aerospace Ltd		Aircraft Type Designation ¹ (Commercial Designation	BN2B-20 Islander)
Engine TC Holder	Lycoming Engines		Engine Type Designation ¹	IO-540-K1B5
Noise Certification Basis	ICAO Annex 16, Volume I Edit	ition / Amendment	Chapter	-1 _

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

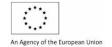
¹ See Note 1.



Page 24 of 38 TCDSN No.: EASA.IM.A.388 Date: 17 February 2025 Issue: 5 Type Certificate Holder¹ **Britten-Norman Aerospace Ltd** Aircraft Type Designation¹ BN2B-21 (Commercial Designation Islander) Engine TC Holder Lycoming Engines Engine Type Designation¹ IO-540-K1B5 Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 10 (10.4a)

EASA		Additional modifications essential to meet	Maximum	Take-Off dB(A)		See	
Record No.	Propeller TC Holder	Propeller Type Designation ¹	the 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.



Type Certificate Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation1BN2B-21(Commercial DesignationIslander)	
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹ IO-540-K1B5	
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter ¹ 6	

EASA		Dropollar Type Designation ¹	Additional modifications essential to	Maximum	Overflig	ht dB(A)	500
Record No.	Propeller TC Holder	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See 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.



Type Certificate Holder ¹	Britten-Norman Aerospace I	Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2B-21 Islander)
Engine TC Holder	Lycoming Engines		Engine Type Designation ¹	IO-540-K1B5
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapte	r ¹ -

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



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Type Certificate Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2B-26 Islander)
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹	O-540-E4C5
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapte	er ¹ 6

EASA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	500
Record No.	Propeller TC Holder	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (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	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	2,994	77.8	80.0	-

¹ See Note 1.



			2500rpm at full throttle, De-icing modification, Military pylon assembly modification, Hard carrier modification,				
			Under-wing fuel tank modification.)				
			NB/M/1090, NB/M/1232, NB/M/754,				
			NB/M/755, NB/M/941 (Highest power				
		HC-C2YK-	in the normal operating range set to				
C494	Hartzell Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-	2500rpm at full throttle, De-icing	2,994	76.4	80.0	-
		6	modification, Military pylon assembly				
			modification, Hard carrier modification,				
			Under-wing fuel tank modification.)				
			NB/M/1090, NB/M/1477 (NB/M/1232,				
		HC-C2YK-	NB/M/1385) (Highest power in the				
C406	Hartzall Dranallar Inc		normal operating range set to 2500rpm	2 004	75.6	80.0	
C496	Hartzell Propeller Inc.	2(B)(C)(U)(F)/(F)(C)8477(A)-	at full throttle, Omnibus modification	2,994	75.6	80.0	-
		6	including de-icing and sliding door				
			modifications.)				
C504	Hartzell Propeller Inc.	HC-C3YR-2UF/FC8468-8R	None	2,994	79.7	80.0	2



Type Certificate Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2B-26 Islander)
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹	O-540-E4C5
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendr	nent Chapte	er ¹ -

EASA			Additional modifications essential to meet	Maximum	Take-Off dB(A)		See Note
EASA Record No. Propeller TC Holder Propel	Propeller Type Designation ¹	certificated noise levels ¹	Take-Off Mass ¹ (kg)	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 Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2B-27 Islander)
Engine TC Holder	Lycoming Engines	Engine Type Designation ¹	O-540-E4C5
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapte	er ¹ 6

EASA		Duran allan Tana Darian atian 1	Additional modifications essential to	Maximum	Overflight dB(A)		See
Record No.	Propeller TC Holder	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
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.



Page 31 of 38 TCDSN No.: EASA.IM.A.388 Date: 17 February 2025 Issue: 5 Type Certificate Holder¹ Aircraft Type Designation¹ **Britten-Norman Aerospace Ltd** BN2T (Commercial Designation Islander) Engine Type Designation¹ Engine TC Holder Allison 250-B17C Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 6

EASA		Bropollor Typo Designation ¹	Additional modifications essential to	Maximum	Overflight dB(A)		See
Record No.	Propeller TC Holder	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (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 Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2T-2 Islander)
Engine TC Holder	Allison	Engine Type Designation ¹	250-B17C
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter	¹ 10 (10.4a)

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



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Type Certificate Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2T-2R Islander)
Engine TC Holder	Allison	Engine Type Designation ¹	250-B17C
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter	⁻¹ 10 (10.4a)

EASA		1	Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	500
EASA Record No.	Propeller TC Holder	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C12110	Hartzell Propeller Inc.	HC-C3YF-5F/FC8475F-6	None	3,855	82.2	88.0	-



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Type Certificate Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2T-4R Islander)
Engine TC Holder	Allison	Engine Type Designation ¹	250-B17F/1
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter	⁻¹ 10 (10.4 a)

E A C A			Additional modifications essential to meet Maximum		m Take-Off dB(A)		600
Record No.	EASA Record No. Propeller TC Holder	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C50	Hartzell Propeller Inc.	HC-C3YF-5F/FC7818K	None	3,855	79.8	88.0	-



TCDSN No.: EASA.IM.A.388 Issue: 5			Page 35 of 38 Date: 17 February 2025
Type Certificate Holder ¹	Britten-Norman Aerospace Ltd	Aircraft Type Designation ¹ (Commercial Designation	BN2T-4S Islander)
Engine TC Holder	Allison	Engine Type Designation ¹	250-B17F/1
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter	⁻¹ 10 (10.4a)

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



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Type Certificate Holder ¹ Britten-Norman Aerospace Ltd		Aircraft Type Designation ¹ (Commercial Designation		BN2T-4S Islander)		
Engine TC Holder	Allison		Engine Type Designa	tion ¹	250-B17F/1	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 8 / Amendment 13	Chapter ¹	10 (10.4a)	

EASA			Additional modifications essential to meet Maxim		Take-Off dB(A)		500
EASA Record No.	Propeller TC Holder	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C15378	Hartzell Propeller Inc.	HC-C3YF-5F/FC7818K	None	4,048	80.8	88.0	-



CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

Note: This table is for information purposes only. It links the applicable noise requirements in Volume I of ICAO Annex 16 to the corresponding Appendices to that Volume, which were listed as acceptable means of compliance in CS-36. With the adoption of Regulation (EU) 2018/1139 (i.e. from Amendment 12 to Volume I of ICAO Annex 16) these Appendices became part of the applicable noise requirements. Their reference was removed in Amendment 6 to CS-36 and this table will not be updated further.

TCDSN EASA.IM.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 Art 9 (2) 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
lssue 1	08 November 2011	Initial Issue
Issue 2	20 October 2014	Revised
Issue 3	23 November 2020	Revised
Issue 4	05 August 2024	TC Holder updated
Issue 5	17 February 2025	TCDSN number revised, EASA record number C15378 added

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