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TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.607

for

BS 115

Type Certificate Holder: BLACKSHAPE S.p.A. Strada Statale 16 KM 841+900 70043 Monopoli (BA) Italy

For models:

BK 160 BK 160-200 **BK 160TR** BS 115



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Type Certificate Holder¹ BLACKSHAPE S.p.A. Aircraft Type Designation¹ BK 160

Engine Manufacturer¹ Lycoming Engines Engine Type Designation¹ IO-320-D1B

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

EASA	Propeller	Propeller Type Designation ¹	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		Soc
EASA Record No.	Manufacturer ¹		requirements or needed to attain the certificated noise levels $^{\! 1}$	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C14124	Hartzell Propeller Inc.	3C1-L675A1/76C03- 7/SM47	Silencer: Chabord BCV8.7820-000-001	850	74.0	76.2	-

¹ See Note 1.



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Type Certificate Holder¹ BLACKSHAPE S.p.A. Aircraft Type Designation¹ BK 160-200

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ IO-320-D1B

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment **Edition 8 / Amendment 13** Chapter¹ 10 (10.4b)

EACA	Propeller	Propeller Type Designation ¹	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		See
EASA Record No.	Manufacturer ¹		requirements or needed to attain the certificated noise levels1	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C14936	Hartzell Propeller Inc.	3C1-L675A1/76C03- 7/SM47	Silencer: Chabord BCV8.7820-000-001	850	74.0	76.2	-

¹ See Note 1.



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Type Certificate Holder¹ BLACKSHAPE S.p.A. Aircraft Type Designation¹ BK 160TR

Engine Manufacturer¹ Lycoming Engines Engine Type Designation¹ IO-320-D1B

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 8 / Amendment 13 Chapter¹ 10 (10.4b)

EACA	Propeller	Propeller Type Designation ¹	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		Coo
EASA Record No.	Manufacturer ¹		requirements or needed to attain the certificated noise levels1	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C14938	Hartzell Propeller Inc.	3C1-L675A1/76C03- 7/SM47	Silencer: Chabord BCV8.7820-000-001	850	74.0	76.2	-

¹ See Note 1.



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Type Certificate Holder¹ BLACKSHAPE S.p.A. Aircraft Type Designation¹ BS 115

Engine Manufacturer¹ Lycoming Engines Engine Type Designation¹ IO-320-D1B

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

EACA	Propeller	Propeller Type Designation ¹	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		Coo
EASA Record No.	Manufacturer ¹		requirements or needed to attain the certificated noise levels1	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C13061	Hartzell Propeller Inc.	3C1-L675A1/76C03- 7/SM47	Silencer: Chabord	750	71.4	74.2	-

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	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

TCDSN EASA.A.607 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.



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Change Record

Issue	Date	Changes
Issue 1	03 April 2017	Initial Issue
Issue 2	02 October 2019	Added record number C14124
Issue 3	12 May 2020	Variant BK 160 transformed to a new separate model BK 160
Issue 4	07 June 2022	Added Model BK 160-200
Issue 5	14 June 2022	Added Model BK 160TR

