





EASA.IM.A.277

Description: A.277 (IM) Beech Models

B200-B200C-B200GT-B200CGT-B300-B

300C

Language: **English**

TCDS: EASA.IM.A.277

Product type: Noise

Manufacturer/TC

Holder:

Hawker Beechcraft Corporation



European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.277

for

B200, B200C, B200GT, B200CGT, B300, B300C (King Air)

Type Certificate Holder: HAWKER BEECHCRAFT CORPORATION

10511 East Central Wichita, KS 67206 USA

For models: B200

B200C B200CGT B200GT B300 B300C TCDSN EASA.IM.A.277 Page 2 of 17 Issue: 7 Date: 07 March 2014

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Type Certificate Holder¹ Hawker Beechcraft Corporation Aircraft Type Designation¹ B200

Engine Manufacturer¹ Pratt & Whitney Canada Engine Type Designation¹ PT6A-42

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

EASA	Propeller	Propeller Type	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	Take-off mass ¹ (kg)	Level 1	Limit	Note
C1517	McCauley	3GFR34C702-()/()-()100LA-2	none	5,670	76.4	80.0	-
C1519	McCauley	4HFR34C754-()/()-()94LA-0	none	5,670	74.2	80.0	-
C1521	Hartzell Propeller Inc.	HC-B3TN-3G/T10178(N)B-3R	none	5,670	79.2	80.0	-
C1522	Hartzell Propeller Inc.	HC-B3TN-3N/T10178(N)K-3R	none	5,670	79.2	80.0	-

¹ See Note 1.

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Type Certificate Holder¹ Hawker Beechcraft Corporation Aircraft Type Designation¹ B200

Engine Manufacturer¹ Pratt & Whitney Canada Engine Type Designation¹ PT6A-42

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

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	Take-off mass ¹ (kg)	Level 1	Limit	Note
C1518	McCauley	3GFR34C702-()/()-()100LA-2	none	5,670	80.3	88.0	-
C1520	McCauley	4HFR34C771-()/()-()94LA-0	none	5,670	83.1	88.0	-
C1523	Hartzell Propeller Inc.	HC-E4N-3G/D9390SK-1R	none	5,670	81.2	88.0	-

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Aircraft Type Designation¹ Type Certificate Holder¹ **Hawker Beechcraft Corporation B200C**

Engine Manufacturer¹ Engine Type Designation¹ **Pratt & Whitney Canada** PT6A-42

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

EASA Propeller	Propollor	Propeller Type	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level 1	Limit	Note
C1526	McCauley	3GFR34C702-()/()-()100LA-2	none	5,670	76.4	80.0	-
C1527	McCauley	4HFR34C754-()/()-()94LA-0	none	5,670	74.2	80.0	-

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Type Certificate Holder¹ **Hawker Beechcraft Corporation** Aircraft Type Designation¹ **B200C**

Engine Manufacturer¹ Engine Type Designation¹ **Pratt & Whitney Canada** PT6A-42

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

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-o	ff dB(A)	See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C44	Hartzell Propeller Inc.	HC-E4N-3G/D9390SK-1R	none	5,670	81.2	88.0	-

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Type Certificate Holder¹ **Hawker Beechcraft Corporation** Aircraft Type Designation¹ B200CGT

Engine Manufacturer¹ Engine Type Designation¹ **Pratt & Whitney Canada** PT6A-52

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

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	Take-off mass ¹ (kg)	Level 1	Limit	Note
C5465	Hartzell Propeller Inc.	HC-E4N-3G/D9390SK-1R	High Flotation Landing Gear ()	5,670	81.1	88.0	-
C5466	Hartzell Propeller Inc.	HC-E4N-3G/D9390SK-1R	none	5,670	81.2	88.0	-

¹ See Note 1.

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Type Certificate Holder¹ **Hawker Beechcraft Corporation** Aircraft Type Designation¹ **B200GT**

Engine Manufacturer¹ Engine Type Designation¹ PT6A-52 **Pratt & Whitney Canada**

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

EASA	Propeller	Dropoller Type	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	Take-off mass ¹ (kg)	Level 1	Limit	Note
C5336	Hartzell Propeller Inc.	HC-E4N-3G/D9390SK-1R	High Flotation Landing Gear ()	5,670	81.1	88.0	-
C5335	Hartzell Propeller Inc.	HC-E4N-3G/D9390SK-1R	none	5,670	81.2	88.0	-

¹ See Note 1.

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Aircraft Type Designation¹ Type Certificate Holder¹ **Hawker Beechcraft Corporation** B300

Engine Manufacturer¹ Engine Type Designation¹ **Pratt & Whitney Canada** PT6A-60A

Chapter¹ Noise Certification Basis Edition / Amendment ICAO Annex 16, Volume I 10

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	Take-off mass ¹ (kg)	Level 1	Limit	Note
C46	Hartzell	HC-B4MP-3C/10476K	none	6,804	76.5	88.0	-
0.0	Propeller Inc.	2 33/13 31		0,00	1 0.0	0010	
C48	Hartzell	HC DAMD 2C/M40476/NIVEV	nana	6 904	76 E	00.0	
C48	Propeller Inc.	HC-B4MP-3C/M10476(N)(S)K	none	6,804	76.5	88.0	-

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Type Certificate Holder¹ Hawker Beechcraft Corporation Aircraft Type Designation¹ B300

Engine Manufacturer¹ Pratt & Whitney Canada Engine Type Designation¹ PT6A-60A

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

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	Take-off mass ¹ (kg)	Level 1	Limit	Note
C5620	Hartzell	HC-B4MP-3C/M10476(N)(S)K	none	7,484	88.0	88.0	-
	Propeller Inc.	` ` ` `		,			
C5610	Hartzell	HC-B4MP-3C/M10476NK	none	7.484	82.2	88.0	_
C3010	Propeller Inc.	110-D41VIF-30/IVI 1047 0INK	Hone	1,404	02.2	00.0	-

¹ See Note 1.

See Note 1.

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Aircraft Type Designation¹ Type Certificate Holder¹ **Hawker Beechcraft Corporation** B300

Engine Manufacturer¹ Engine Type Designation¹ **Pratt & Whitney Canada** PT6A-60A

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

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level 1	Limit	Note
C1532	Hartzell Propeller Inc.	HC-B4MP-3C/M10476(N)(S)K	none	6,804	70.3	80.0	-

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Type Certificate Holder¹ Hawker Beechcraft Corporation Aircraft Type Designation¹ B300

Engine Manufacturer¹ Pratt & Whitney Canada Engine Type Designation¹ PT6A-67A

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter 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	Take-off mass ¹ (kg)	Level 1	Limit	Note
C10725	Hartzell Propeller Inc.	HC-E4A-3M/E10478SK	EASA Major Change 10040288 (Propeller Change via Kit 130-9022)	7,484	82.2	88.0	-
C10726	Hartzell Propeller Inc.	HC-E4A-3M/E10478SK	EASA Major Change 10040288 (Propeller Change via Kit 130-9022)	6,804	80.2	88.0	-

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Type Certificate Holder¹ Hawker Beechcraft Corporation Aircraft Type Designation¹ B300C

Engine Manufacturer¹ Pratt & Whitney Canada Engine Type Designation¹ PT6A-60A

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter 10

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	Take-off mass ¹ (kg)	Level 1	Limit	Note
C8951	Hartzell Propeller Inc.	HC-B4MP-3C/(M)10476(N)(S)K	Increased gross weight, ER tanks and hardpoint installation LH/RH wing	7,484	88.0	88.0	-
C5467	Hartzell Propeller Inc.	HC-B4MP-3C/(M)10476(N)(S)K	none	6,804	76.5	88.0	-

¹ See Note 1.

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Type Certificate Holder¹ Hawker Beechcraft Corporation Aircraft Type Designation¹ B300C

Engine Manufacturer¹ Pratt & Whitney Canada Engine Type Designation¹ PT6A-60A

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

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	See
Record N	'	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C5468	Hartzell Propeller Inc.	HC-B4MP-3C/M10476(N)(S)K	none	6,804	70.3	80.0	-

¹ See Note 1.

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Type Certificate Holder¹ **Hawker Beechcraft Corporation** Aircraft Type Designation¹ **B300C**

Engine Manufacturer¹ Engine Type Designation¹ **Pratt & Whitney Canada** PT6A-67A

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

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	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See
					Level 1	Limit	Note
C10731	Hartzell Propeller Inc.	HC-E4A-3M/E10478SK	EASA Major Change 10040288 (Propeller Change via Kit 130-9022)	7,484	82.2	88.0	-
C10732	Hartzell Propeller Inc.	HC-E4A-3M/E10478SK	EASA Major Change 10040288 (Propeller Change via Kit 130-9022)	6,804	80.2	88.0	-

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TCDSN EASA.IM.A.277 Notes

1. Items so marked shall be included on EASA Form 45.

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Change Record

Issue	Date	Changes		
Issue 1	14 December 2007	Initial Issue		
Issue 2	30 September 2008	Revised		
Issue 3	09 January 2009	Revised		
Issue 4	11 March 2009	Revised		
Issue 5	16 July 2012	Revised		
Issue 6	04 July 2013	Added configurations with MTOW of 7484 kg		
Issue 7	07 March 2014	Record numbers C10725, C10726, C10731 and C10732 added.		

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