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European Aviation Safety Agency

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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

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Type Certificate Holder ¹	Hawker Beechcraft Corporation	Aircraft Type Designation ¹	B200
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PT6A-42
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
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.

Type Certificate Holder ¹	Hawker Beechcraft Corporation	Aircraft Type Designation ¹	B200
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PT6A-42
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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 Note
					Level ¹	Limit	
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	-

¹ See Note 1.

Type Certificate Holder ¹	Hawker Beechcraft Corporation	Aircraft Type Designation ¹	B200C
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PT6A-42
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C1526	McCauley	3GFR34C702-()/()-()100LA-2	none	5,670	76.4	80.0	-
C1527	McCauley	4HFR34C754-()/()-()94LA-0	none	5,670	74.2	80.0	-

¹ See Note 1.

Type Certificate Holder ¹	Hawker Beechcraft Corporation	Aircraft Type Designation ¹	B200C
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PT6A-42
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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 Note
					Level ¹	Limit	
C44	Hartzell Propeller Inc.	HC-E4N-3G/D9390SK-1R	none	5,670	81.2	88.0	-

¹ See Note 1.

Type Certificate Holder ¹	Hawker Beechcraft Corporation	Aircraft Type Designation ¹	B200CGT
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PT6A-52
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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 Note
					Level ¹	Limit	
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.

Type Certificate Holder ¹	Hawker Beechcraft Corporation	Aircraft Type Designation ¹	B200GT
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PT6A-52
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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 Note
					Level ¹	Limit	
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.

Type Certificate Holder ¹	Hawker Beechcraft Corporation	Aircraft Type Designation ¹	B300
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PT6A-60A
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 10

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 Note
					Level ¹	Limit	
C46	Hartzell Propeller Inc.	HC-B4MP-3C/10476K	none	6,804	76.5	88.0	-
C48	Hartzell Propeller Inc.	HC-B4MP-3C/M10476(N)(S)K	none	6,804	76.5	88.0	-

¹ See Note 1.

Type Certificate Holder ¹	Hawker Beechcraft Corporation	Aircraft Type Designation ¹	B300
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PT6A-60A
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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 Note
					Level ¹	Limit	
C5620	Hartzell Propeller Inc.	HC-B4MP-3C/M10476(N)(S)K	none	7,484	88.0	88.0	-
C5610	Hartzell Propeller Inc.	HC-B4MP-3C/M10476NK	none	7,484	82.2	88.0	-

¹ See Note 1.

Type Certificate Holder ¹	Hawker Beechcraft Corporation	Aircraft Type Designation ¹	B300
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PT6A-60A
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C1532	Hartzell Propeller Inc.	HC-B4MP-3C/M10476(N)(S)K	none	6,804	70.3	80.0	-

¹ See Note 1.

Type Certificate Holder ¹	Hawker Beechcraft Corporation	Aircraft Type Designation ¹	B300
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PT6A-67A
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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 Note
					Level ¹	Limit	
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	-

¹ See Note 1.

Type Certificate Holder ¹	Hawker Beechcraft Corporation	Aircraft Type Designation ¹	B300C
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PT6A-60A
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 10

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 Note
					Level ¹	Limit	
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.

Type Certificate Holder ¹	Hawker Beechcraft Corporation	Aircraft Type Designation ¹	B300C
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PT6A-60A
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C5468	Hartzell Propeller Inc.	HC-B4MP-3C/M10476(N)(S)K	none	6,804	70.3	80.0	-

¹ See Note 1.

Type Certificate Holder ¹	Hawker Beechcraft Corporation	Aircraft Type Designation ¹	B300C
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PT6A-67A
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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 Note
					Level ¹	Limit	
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	-

¹ See Note 1.

TCDSN EASA.IM.A.277 Notes

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

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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