



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.277

for

B200, B200C, B200GT, B200CGT, B300, B300C

Type Certificate Holder:

Textron Aviation Inc.

One Cessna Boulevard

Wichita, Kansas 67215

USA

For models:

B200

B200C

B200CGT

B200GT

B300

B300C



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Type Certificate Holder¹ **Textron Aviation Inc.** 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 **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 ¹	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 Holder¹ **Textron Aviation Inc.** 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 Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	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 Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **B200C**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **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 ¹	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 Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **B200C**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **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 ¹	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 Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **B200CGT**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **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 ¹	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 Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **B200GT**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **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 ¹	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 Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **B300**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **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 ¹	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	-
C5620	Hartzell Propeller Inc.	HC-B4MP-3C/M10476(N)(S)K	None	7,484	88.0	88.0	-
C48	Hartzell Propeller Inc.	HC-B4MP-3C/M10476(N)(S)K	None	6,804	76.5	88.0	-
C5610	Hartzell Propeller Inc.	HC-B4MP-3C/M10476NK	None	7,484	82.2	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **B300**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14236	Hartzell Propeller Inc.	HC-B4MP-3C/(M)10476(N)(S)K	Textron Aviation Inc. kit 130-4050 (Installation extended nose)	7,484	81.6	88.0	-
C14238	Hartzell Propeller Inc.	HC-B4MP-3C/(M)10476(N)(S)K	Textron Aviation Inc. kits 130-4050 and 130-4051 (Installation extended nose and lift field service kit)	7,484	81.6	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **B300**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **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 ¹	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 Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **B300**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C12605	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	-
C12057	Hartzell Propeller Inc.	HC-E4A-3M/E10478SK	None	7,938	83.4	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **B300**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition** Chapter¹ **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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14470	Hartzell Propeller Inc.	HC-E4A-3M/E10478SK	Textron Aviation Inc. kits 130-4014 and 130-8002 (Standard Nose, Extended Range Tanks, and Main Landing Gear Doors P/N 99-810030.)	8,000	83.8	88.0	2
C14469	Hartzell Propeller Inc.	HC-E4A-3M/E10478SK	Textron Aviation Inc. kits 130-4050, 130-4014, 130-4404, 130-6003 and 130-8002 (Installation of Extended Nose (without Lift Kit), Extended Range Tanks, Dual Ventral Fins, Special missions Rudder and Main Landing Gear Doors P/N 99-810030.)	8,000	83.8	88.0	3
C14468	Hartzell Propeller Inc.	HC-E4A-3M/E10478SK	Textron Aviation Inc. kits 130-4050, 130-4051, 130-4014, 130-4404, 130-6003 and 130-8002 (Installation of Extended Nose with Lift Kit, Extended Range Tanks, Dual Ventral Fins, Special missions Rudder and Main Landing Gear Doors P/N 99-810030.)	8,000	83.8	88.0	3

¹ See Note 1.



Type Certificate Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **B300C**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C13958	Hartzell Propeller Inc.	HC-B4MP-3C/(M)10476(N)(S)K	Increased gross weight and ER tanks	7,484	88.0	88.0	-
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 Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **B300C**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14237	Hartzell Propeller Inc.	HC-B4MP-3C/(M)10476(N)(S)K	Textron Aviation Inc. kit 130-4050 (Installation extended nose)	7,484	81.6	88.0	-
C14239	Hartzell Propeller Inc.	HC-B4MP-3C/(M)10476(N)(S)K	Textron Aviation Inc. kits 130-4050 and 130-4051 (Installation extended nose and lift field service kit)	7,484	81.6	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **B300C**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **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 ¹	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 Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **B300C**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **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 ¹	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	-
C12058	Hartzell Propeller Inc.	HC-E4A-3M/E10478SK	None	7,938	83.4	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **B300C**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14473	Hartzell Propeller Inc.	HC-E4A-3M/E10478SK	Textron Aviation Inc. kits 130-4014 and 130-8002 (Standard Nose, Extended Range Tanks, and Main Landing Gear Doors P/N 99-810030.)	8,000	83.8	88.0	2
C14472	Hartzell Propeller Inc.	HC-E4A-3M/E10478SK	Textron Aviation Inc. kits 130-4050, 130-4014, 130-4404, 130-6003 and 130-8002 (Installation of Extended Nose (without Lift Kit), Extended Range Tanks, Dual Ventral Fins, Special missions Rudder and Main Landing Gear Doors P/N 99-810030.)	8,000	83.8	88.0	3
C14471	Hartzell Propeller Inc.	HC-E4A-3M/E10478SK	Textron Aviation Inc. kits 130-4050, 130-4051, 130-4014, 130-4404, 130-6003 and 130-8002 (Installation of Extended Nose with Lift Kit, Extended Range Tanks, Dual Ventral Fins, Special missions Rudder and Main Landing Gear Doors P/N 99-810030.)	8,000	83.8	88.0	3

¹ See Note 1.



CS-36 Amendment level

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

TCDSN EASA.IM.A.277 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. Valid with and without Mod 007710 (Wing Hardpoints), with and without Kit 130-4404 (Dual Ventral Fins), with and without Kit 130-6003 (Special Missions Rudder)
3. Valid with and without Mod 007710 (Wing Hardpoints)



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.
Issue 8	29 August 2014	Records C12057 and C12058 added, increased MTOW for B300 and B300C
Issue 9	13 February 2017	Type Certificate Holder revised
Issue 10	21 June 2018	Alignment of Type Name
Issue 11	12 April 2019	Added record C13958
Issue 12	06 February 2020	Added records C14236-C14239
Issue 13	03 March 2021	Added records C14471, C14472, C14473

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