

Civil Aviation Authority United Kingdom



TYPE-CERTIFICATE DATA SHEET FOR NOISE

UK.TC.A.00094

for

Beechcraft King Air models

B200, B200C, B200GT, B200CGT, B300 and B300C

Type Certificate holder

Textron Aviation Inc.

One Cessna Boulevard

Wichita, Kansas 67215

USA

Model(s): B200
B200C
B200GT
B200CGT
B300
B300C

Issue: 3

Date of issue: 20 December 2023

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| Type Designation | Airframe Modification | MTOW (kg) | Engine | Engine Modification | Muffler | Propeller | Regulation Ed./Amend. Chapter | Level dB(A) | Limit dB(A) | Notes | Record Number |
|------------------|---|-----------|---------------------------------|---------------------|---------|---|--|-------------|-------------|-------|---------------|
| B200 | None | 5,670 | Pratt & Whitney Canada PT6A-42 | None | None | Hartzell Propeller Inc. HC-B3TN-3G/T10178(N)B-3R | Annex 16/1 Chapter 6 | 79.2 | 80.0 | None | C1521 |
| B200 | None | 5,670 | Pratt & Whitney Canada PT6A-42 | None | None | Hartzell Propeller Inc. HC-B3TN-3N/T10178(N)K-3R | Annex 16/1 Chapter 6 | 79.2 | 80.0 | None | C1522 |
| B200 | None | 5,670 | Pratt & Whitney Canada PT6A-42 | None | None | Hartzell Propeller Inc. HC-E4N-3G/D93905K-1R | Annex 16/1 Chapter 10 (10.4a) | 81.2 | 88.0 | None | C1523 |
| B200 | None | 5,670 | Pratt & Whitney Canada PT6A-42 | None | None | McCaughey 3GFR34C702-(/)/(-)100LA-2 | Annex 16/1 Chapter 10 (10.4a) | 80.3 | 88.0 | None | C1518 |
| B200 | None | 5,670 | Pratt & Whitney Canada PT6A-42 | None | None | McCaughey 3GFR34C702-(/)/(-)100LA-2 | Annex 16/1 Chapter 6 | 76.4 | 80.0 | None | C1517 |
| B200 | None | 5,670 | Pratt & Whitney Canada PT6A-42 | None | None | McCaughey 4HFR34C754-(/)/(-)94LA-0 | Annex 16/1 Chapter 6 | 74.2 | 80.0 | None | C1519 |
| B200 | None | 5,670 | Pratt & Whitney Canada PT6A-42 | None | None | McCaughey 4HFR34C771-(/)/(-)94LA-0 | Annex 16/1 Chapter 10 (10.4a) | 83.1 | 88.0 | None | C1520 |
| B200C | None | 5,670 | Pratt & Whitney Canada PT6A-42 | None | None | Hartzell Propeller Inc. HC-E4N-3G/D93905K-1R | Annex 16/1 Chapter 10 (10.4a) | 81.2 | 88.0 | None | C44 |
| B200C | None | 5,670 | Pratt & Whitney Canada PT6A-42 | None | None | McCaughey 3GFR34C702-(/)/(-)100LA-2 | Annex 16/1 Chapter 6 | 76.4 | 80.0 | None | C1526 |
| B200C | None | 5,670 | Pratt & Whitney Canada PT6A-42 | None | None | McCaughey 4HFR34C754-(/)/(-)94LA-0 | Annex 16/1 Chapter 6 | 74.2 | 80.0 | None | C1527 |
| B200CGT | High Flotation Landing Gear | 5,670 | Pratt & Whitney Canada PT6A-52 | None | None | Hartzell Propeller Inc. HC-E4N-3G/D93905K-1R | Annex 16/1 Chapter 10 (10.4a) | 81.1 | 88.0 | None | C5465 |
| B200CGT | None | 5,670 | Pratt & Whitney Canada PT6A-52 | None | None | Hartzell Propeller Inc. HC-E4N-3G/D93905K-1R | Annex 16/1 Chapter 10 (10.4a) | 81.2 | 88.0 | None | C5466 |
| B200GT | High Flotation Landing Gear | 5,670 | Pratt & Whitney Canada PT6A-52 | None | None | Hartzell Propeller Inc. HC-E4N-3G/D93905K-1R | Annex 16/1 Chapter 10 (10.4a) | 81.1 | 88.0 | None | C5336 |
| B200GT | None | 5,670 | Pratt & Whitney Canada PT6A-52 | None | None | Hartzell Propeller Inc. HC-E4N-3G/D93905K-1R | Annex 16/1 Chapter 10 (10.4a) | 81.2 | 88.0 | None | C5335 |
| B300 | EASA Major Change 10040288 Propeller Change via Kit 130-9022 | 6,804 | Pratt & Whitney Canada PT6A-67A | None | None | Hartzell Propeller Inc. HC-E4A-3M/E104785K | Annex 16/1 Chapter 10 (10.4a) | 80.2 | 88.0 | None | C10726 |
| B300 | EASA Major Change 10040288 Propeller Change via Kit 130-9022 | 7,484 | Pratt & Whitney Canada PT6A-67A | None | None | Hartzell Propeller Inc. HC-E4A-3M/E104785K | Annex 16/1 Chapter 10 (10.4a) | 82.2 | 88.0 | None | C12605 |
| B300 | None | 6,804 | Pratt & Whitney Canada PT6A-60A | None | None | Hartzell Propeller Inc. HC-B4MP-3C/(M)10476(N)S)K | Annex 16/1 Chapter 10 (10.4a) | 76.5 | 88.0 | None | C46 |
| B300 | None | 6,804 | Pratt & Whitney Canada PT6A-60A | None | None | Hartzell Propeller Inc. HC-B4MP-3C/(M)10476(N)S)K | Annex 16/1 Chapter 6 | 70.3 | 80.0 | None | C1532 |
| B300 | None | 7,484 | Pratt & Whitney Canada PT6A-60A | None | None | Hartzell Propeller Inc. HC-B4MP-3C/(M)10476(N)S)K | Annex 16/1 Chapter 10 (10.4a) | 82.2 | 88.0 | None | C5610 |
| B300 | None | 7,938 | Pratt & Whitney Canada PT6A-67A | None | None | Hartzell Propeller Inc. HC-E4A-3M/E104785K | Annex 16/1 Chapter 10 (10.4a) | 83.4 | 88.0 | None | C12057 |
| B300 | Textron Aviation Inc. kit 130-4050 Installation extended nose | 7,484 | Pratt & Whitney Canada PT6A-60A | None | None | Hartzell Propeller Inc. HC-B4MP-3C/(M)10476(N)S)K | Annex 16/1 8/12 Chapter 10 (10.4a) | 81.6 | 88.0 | None | C14236 |

| Type Designation | Airframe Modification | MTOW (kg) | Engine | Engine Modification | Muffler | Propeller | Regulation Ed./Amend. Chapter | Level dB(A) | Limit dB(A) | Notes | Record Number |
|------------------|---|-----------|---------------------------------|---------------------|---------|--|---------------------------------------|-------------|-------------|--|---------------|
| B300 | Textron Aviation Inc. kits 130-4050 and 130-4051 Installation extended nose and lift field service kit | 7,484 | Pratt & Whitney Canada PT6A-60A | None | None | Hartzell Propeller Inc. HC-B4MP-3C/(M)10476(N)(S)K | Annex 16/1 8/12 Chapter 10 (10.4a) | 81.6 | 88.0 | None | C14238 |
| B300 | ER fuel tanks, Winglets | 7,484 | Pratt & Whitney Canada PT6A-60A | None | None | Hartzell Propeller Inc. HC-B4MP-3C/(M)10476(N)(S)K | Annex 16/1 Chapter 10 (10.4a) | 81.5 | 88.0 | Applicable with or without Maritime Patrol Aircraft (MPA) kits | C5613 |
| B300 | Winglets | 7,484 | Pratt & Whitney Canada PT6A-60A | None | None | Hartzell Propeller Inc. HC-B4MP-3C/(M)10476(N)(S)K | Annex 16/1 Chapter 10 (10.4a) | 81.5 | 88.0 | Applicable with or without Maritime Patrol Aircraft (MPA) kits | G14542 |
| B300C | Increased gross weight and ER tanks | 7,484 | Pratt & Whitney Canada PT6A-60A | None | None | Hartzell Propeller Inc. HC-B4MP-3C/(M)10476(N)(S)K | Annex 16/1 Chapter 10 (10.4a) | 88.0 | 88.0 | None | C13958 |
| B300C | Increased gross weight, ER tanks and hardpoint installation LH/RH wing | 7,484 | Pratt & Whitney Canada PT6A-60A | None | None | Hartzell Propeller Inc. HC-B4MP-3C/(M)10476(N)(S)K | Annex 16/1 Chapter 10 (10.4a) | 88.0 | 88.0 | None | C8951 |
| B300C | EASA Major Change 10040288 Propeller Change via Kit 130-9022 | 6,804 | Pratt & Whitney Canada PT6A-67A | None | None | Hartzell Propeller Inc. HC-E4A-3M/E104785K | Annex 16/1 Chapter 10 (10.4a) | 80.2 | 88.0 | None | C10732 |
| B300C | EASA Major Change 10040288 Propeller Change via Kit 130-9022 | 7,484 | Pratt & Whitney Canada PT6A-67A | None | None | Hartzell Propeller Inc. HC-E4A-3M/E104785K | Annex 16/1 Chapter 10 (10.4a) | 82.2 | 88.0 | None | C10731 |
| B300C | None | 6,804 | Pratt & Whitney Canada PT6A-60A | None | None | Hartzell Propeller Inc. HC-B4MP-3C/(M)10476(N)(S)K | Annex 16/1 Chapter 10 (10.4a) | 76.5 | 88.0 | None | C5467 |
| B300C | None | 6,804 | Pratt & Whitney Canada PT6A-60A | None | None | Hartzell Propeller Inc. HC-B4MP-3C/(M)10476(N)(S)K | Annex 16/1 Chapter 6 | 70.3 | 80.0 | None | C5468 |
| B300C | None | 7,938 | Pratt & Whitney Canada PT6A-67A | None | None | Hartzell Propeller Inc. HC-E4A-3M/E104785K | Annex 16/1 Chapter 10 (10.4a) | 83.4 | 88.0 | None | C12058 |
| B300C | Textron Aviation Inc. kit 130-4050 Installation extended nose | 7,484 | Pratt & Whitney Canada PT6A-60A | None | None | Hartzell Propeller Inc. HC-B4MP-3C/(M)10476(N)(S)K | Annex 16/1 8/12 Chapter 10 (10.4a) | 81.6 | 88.0 | None | C14237 |
| B300C | Textron Aviation Inc. kits 130-4050 and 130-4051 Installation extended nose and lift field service kit | 7,484 | Pratt & Whitney Canada PT6A-60A | None | None | Hartzell Propeller Inc. HC-B4MP-3C/(M)10476(N)(S)K | Annex 16/1 8/12 Chapter 10 (10.4a) | 81.6 | 88.0 | None | C14239 |
| B300C | AFMS 130-590031-0715 Extended nose and lift kit with mounted turret. | 8,000 | Pratt & Whitney Canada PT6A-67A | None | None | Hartzell Propeller Inc. HC-E4A-3M/E104785K | Annex 16/1 8/12 Chapter 10 (10.4a) | 83.7 | 88.0 | None | G14492 |
| B300C | AFMS 130-590031-0713 Extended nose without lift kit or mounted turret. | 8,000 | Pratt & Whitney Canada PT6A-67A | None | None | Hartzell Propeller Inc. HC-E4A-3M/E104785K | Annex 16/1 8/12 Chapter 10 (10.4a) | 83.7 | 88.0 | None | G14493 |

Administration

I. Acronyms and Abbreviations

| Acronym / Abbreviation | Definition |
|-------------------------------|--------------------------------------|
| dB(A) | Maximum A-weighted noise level |
| Ed./Amend. | Edition/Amendment |
| MTOW | Maximum take-off weight |
| Regulation Annex 16/I | ICAO Annex 16 Volume I |
| TCDSN | Type Certificate Datasheet for Noise |

II. Type Certificate Holder Record

| TCH Record | Period |
|--|----------------------|
| Textron Aviation Inc. One Cessna Boulevard Kansas 67215 USA | Present. No changes. |

III. Amendment Record

| TCDSN Issue No. | TCDSN Issue Date | Changes | TC Issue and Date |
|------------------------|-------------------------|---|--------------------------|
| 1 | 06 Nov 2023 | Initial | Issue 1 06 Nov 2023 |
| 2 | 12 Dec 2023 | Addition of records G14492 and G14493 | |
| 3 | 20 Dec 2023 | Addition of record G14542, Revisions to records C5610, C5613, C46 and C1532 | |