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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.IM.A.503**

**for**

**Beechcraft 65, 70, 90**

**Type Certificate Holder:**

**Textron Aviation Inc.**

One Cessna Boulevard

Wichita, Kansas 67215

USA

For models: C90A  
C90GT  
C90GTi



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Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **C90A**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-21**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C1592	<b>McCauley</b>	<b>4HFR34C768/94LMA-4</b>	<b>none</b>	<b>4,581</b>	<b>84.0</b>	<b>88.0</b>	-
C1587	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-2(B)/T10173B-8</b>	<b>none</b>	<b>4,581</b>	<b>83.7</b>	<b>88.0</b>	-
C5251	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-3B/T10173K-8</b>	<b>none</b>	<b>4,581</b>	<b>83.7</b>	<b>88.0</b>	-
C5255	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-3B/T10173NK-8</b>	<b>none</b>	<b>4,581</b>	<b>83.7</b>	<b>88.0</b>	-
C1588	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-3M/T10173K-8</b>	<b>none</b>	<b>4,581</b>	<b>83.7</b>	<b>88.0</b>	-
C5254	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-3M/T10173NK-8</b>	<b>none</b>	<b>4,581</b>	<b>83.7</b>	<b>88.0</b>	-
C1582	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-2(B)/T10173B-8</b>	<b>none</b>	<b>4,377</b>	<b>83.7</b>	<b>88.0</b>	-
C1583	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-3M/T10173K-8</b>	<b>none</b>	<b>4,377</b>	<b>83.7</b>	<b>88.0</b>	-

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **C90A**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-21**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C5250	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-3B/T10173K-8</b>	<b>none</b>	<b>4,377</b>	<b>74.3</b>	<b>80.0</b>	-
C5253	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-3B/T10173NK-8</b>	<b>none</b>	<b>4,377</b>	<b>74.3</b>	<b>80.0</b>	-
C1584	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-3M/T10173K-8</b>	<b>none</b>	<b>4,377</b>	<b>74.3</b>	<b>80.0</b>	-
C5252	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-3M/T10173NK-8</b>	<b>none</b>	<b>4,377</b>	<b>74.3</b>	<b>80.0</b>	-

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **C90GT**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-135A**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C5080	<b>Hartzell Propeller Inc.</b>	<b>HC-E4N-3N/D8990SK</b>	<b>none</b>	<b>4,581</b>	<b>76.0</b>	<b>88.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **C90GTi**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-135A**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C5520	<b>Hartzell Propeller Inc.</b>	<b>HC-E4N-3N/D8990SK</b>	<b>Engines derated to 410 kW at 1900 RPM</b>	<b>4,581</b>	<b>76.0</b>	<b>88.0</b>	-

<sup>1</sup> See Note 1.



**TCDSN EASA.IM.A.503 Notes**

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



### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	23 November 2007	Initial Issue
Issue 2	14 December 2007	Revised
Issue 3	22 February 2008	Revised
Issue 4	30 June 2016	TC holder revised, Records C1589 and C1590 removed
Issue 5	13 February 2017	Type Certificate Holder revised
Issue 6	21 June 2018	Alignment of Type Name

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