



---

## TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.IM.A.226**

**for**

**Cessna 208 (Caravan)**

**Type Certificate Holder:**

**Textron Aviation Inc.**  
One Cessna Boulevard  
P.O. Box 7704  
Wichita, Kansas 67277

For models:

208  
208B



INTENTIONALLY LEFT BLANK



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **208**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-114**

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 <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C1698	<b>McCauley</b>	<b>3GFR34C703-()/()- ( )106GA-0</b>	<b>Cargo pod installation.</b>	<b>3,629</b>	<b>83.5</b>	<b>88.0</b>	-
C1697	<b>McCauley</b>	<b>3GFR34C703-()/()- ( )106GA-0</b>	<b>None</b>	<b>3,629</b>	<b>83.5</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>      **208**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-114**

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 <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C1699	<b>Hartzell Propeller Inc.</b>	<b>HC-B3MN-3/M10083</b>	<b>None</b>	<b>3,629</b>	<b>73.0</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>      **208**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-114A**

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 <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C1704	<b>McCauley</b>	<b>3GFR34C703-()/()- ( )106GA-0</b>	<b>Cargo pod installation.</b>	<b>3,629</b>	<b>80.8</b>	<b>88.0</b>	-
C70	<b>McCauley</b>	<b>3GFR34C703-()/()- ( )106GA-0</b>	<b>None</b>	<b>3,629</b>	<b>80.8</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>      **208**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-114A**

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 <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9786	<b>Hartzell Propeller Inc.</b>	<b>HC-B3MN-3/M10083</b>	<b>Engines operated to PT6A-114 limitations</b>	<b>3,629</b>	<b>73.0</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>      **208B**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-114**

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 <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C1713	<b>McCauley</b>	<b>3GFR34C703-()/()- (106GA-0</b>	<b>None</b>	<b>3,969</b>	<b>84.8</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>      **208B**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-114**

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 <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C1714	<b>Hartzell Propeller Inc.</b>	<b>HC-B3MN-3/M10083</b>	<b>None</b>	<b>3,969</b>	<b>75.8</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>      **208B**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-114A**

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 <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C42	<b>McCauley</b>	<b>3GFR34C703-()/()- (106GA-0</b>	<b>Cargo pod installation.</b>	<b>3,969</b>	<b>84.1</b>	<b>88.0</b>	-
C35	<b>Hartzell Propeller Inc.</b>	<b>HC-B3MN-3/M10083</b>	<b>Cargo pod installation.</b>	<b>3,969</b>	<b>81.7</b>	<b>88.0</b>	-
C40	<b>McCauley</b>	<b>3GFR34C703-()/()- (106GA-0</b>	<b>None</b>	<b>3,969</b>	<b>84.1</b>	<b>88.0</b>	-
C73	<b>Hartzell Propeller Inc.</b>	<b>HC-B3MN-3/M10083</b>	<b>None</b>	<b>3,969</b>	<b>81.7</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>      **208B**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-140**

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

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 <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C11448	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-3AF/T10890CNB-2</b>	<b>Cargo pod installed</b>	<b>3,995</b>	<b>84.1</b>	<b>85.0</b>	-
C11447	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-3AF/T10890CN(B)-2</b>	<b>None</b>	<b>3,995</b>	<b>84.1</b>	<b>85.0</b>	-
C14467	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-3AF/T10890CN(B)-2</b>	<b>None</b>	<b>3,969</b>	<b>84.1</b>	<b>85.0</b>	-

<sup>1</sup> 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.226 Notes**

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.



### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	14 July 2008	Initial Issue
Issue 2	18 July 2008	Record C1699 added Record C1697 added Record C1698 added
Issue 3	21 December 2009	Record C1704 deleted Record C70 deleted Record C1699 deleted Record C1697 deleted Record C1698 deleted
Issue 4	03 March 2010	Restored Model 208 (208 was removed in Issue 3 by mistake)
Issue 5	07 April 2010	Records C70 and C1704: Noise level revised
Issue 6	28 July 2010	Re-published to correctly show modification status.
Issue 7	16 May 2014	Records C11447 and C11448 added.
Issue 8	07 December 2015	TC holder changed
Issue 9	21 June 2018	Alignment of Type Name
Issue 10	25 March 2021	Record C14467 added

-END-

