



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



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Type Certificate Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **208**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-114**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **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	
C1698	McCauley	3GFR34C703-()/()-106GA-0	Cargo pod installation.	3,629	83.5	88.0	-
C1697	McCauley	3GFR34C703-()/()-106GA-0	none	3,629	83.5	88.0	-

¹ See Note 1.



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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	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C1699	Hartzell Propeller Inc.	HC-B3MN-3/M10083	none	3,629	73.0	80.0	-

¹ See Note 1.

Type Certificate Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **208**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-114A**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10**

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					Level ¹	Limit	
C1704	McCauley	3GFR34C703-()/()-106GA-0	Cargo pod installation.	3,629	80.8	88.0	2
C70	McCauley	3GFR34C703-()/()-106GA-0	none	3,629	80.8	88.0	2

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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	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C9786	Hartzell Propeller Inc.	HC-B3MN-3/M10083	Engines operated to PT6A-114 limitations	3,629	73.0	80.0	-

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Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-114**

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	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C1713	McCauley	3GFR34C703-()/()-106GA-0	none	3,969	84.8	88.0	-

¹ See Note 1.

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Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-114**

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	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C1714	Hartzell Propeller Inc.	HC-B3MN-3/M10083	none	3,969	75.8	80.0	-

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Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-114A**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **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	
C42	McCauley	3GFR34C703-()/()-106GA-0	Cargo pod installation.	3,969	84.1	88.0	-
C35	Hartzell Propeller Inc.	HC-B3MN-3/M10083	Cargo pod installation.	3,969	81.7	88.0	-
C73	Hartzell Propeller Inc.	HC-B3MN-3/M10083	none	3,969	81.7	88.0	-

¹ See Note 1.

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Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-114A**

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	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C40	McCauley	3GFR34C703-()/()-106GA-0	none	3,969	84.1	88.0	-

¹ See Note 1.

Type Certificate Holder¹ **Textron Aviation Inc.** Aircraft Type Designation¹ **208B**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-140**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

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	
C11448	Hartzell Propeller Inc.	HC-B3TN-3AF/T10890CNB-2	Cargo pod installed	3,995	84.1	85.0	-
C11447	Hartzell Propeller Inc.	HC-B3TN-3AF/T10890CNB-2	none	3,995	84.1	85.0	-

¹ See Note 1.

TCDSN EASA.IM.A.226 Notes

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

Change Record

Issue	Date	Changes
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

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