

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

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

FACA	Duanallan	Description Trans	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum	Take-o	ff dB(A)	C
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹		Take-off mass ¹ (kg)	Level ¹	Limit	See Note
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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Chapter¹ Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment 6

EASA Propeller	Description Torres	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	6	
Record No.	Propeller Propeller Type Manufacturer ¹ Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note	
C1699	Hartzell Propeller Inc.	HC-B3MN-3/M10083	none	3,629	73.0	80.0	-

¹ See Note 1.



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

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

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

FACA	SA Propeller Propeller Type	Additional modifications essential to meet the	Maximum	Take-o	ff dB(A)	C	
Record No.	EASA Propeller Propeller Type ord No. Manufacturer ¹ Designation ¹		requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
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

¹ See Note 1.



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Chapter¹ Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment 6

FACA	ASA Propeller Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		6	
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	ake-off	See Note	
C9786	Hartzell Propeller Inc.	HC-B3MN-3/M10083	Engines operated to PT6A-114 limitations	3,629	73.0	80.0	-

¹ See Note 1.



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

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

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

FACA	Propeller Propeller Type	Additional modifications essential to meet the		Take-o	ff dB(A)	6	
EASA Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass¹ (kg)	Level ¹	Limit	See Note
C1713	McCauley	3GFR34C703-()/()-()106GA-0	none	3,969	84.8	88.0	-

¹ See Note 1.



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

Chapter¹ Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment 6

EASA Propeller	Duna della di Tana	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	6	
Record No.	Manufacturer ¹	Propeller Propeller Type nufacturer 1 Designation 1	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C1714	Hartzell Propeller Inc.	HC-B3MN-3/M10083	none	3,969	75.8	80.0	-

¹ See Note 1.



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

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

EASA Propeller Record No. Manufacturer ¹		Dramallan Tuna	Propeller Type Designation ¹ Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum	Take-off dB(A)		6
				Take-off mass ¹ (kg)	Level ¹	Limit	See Note
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 Engine Type Designation¹ **Pratt & Whitney Canada** PT6A-114A

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

FACA	Propeller Propeller Type	Additional modifications essential to meet the		Take-o	ff dB(A)	6	
EASA Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass¹ (kg)	Level ¹	Limit	See Note
C40	McCauley	3GFR34C703-()/()-()106GA-0	none	3,969	84.1	88.0	-

¹ See Note 1.



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

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

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

FACA	Duenellen	Draneller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Coo
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
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.



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TCDSN EASA.IM.A.226 Notes

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



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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