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Issue: 10



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.207

for

Cessna 500

Type Certificate Holder: Textron Aviation Inc. One Cessna Boulevard Wichita, Kansas 67215 **USA**

For models:

500

550

560

560XL

S550



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Type Certificate Holder¹ Textron Aviation Inc. Aircraft Type Designation¹ 500

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ JT15D-1

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

With or without thrust reverser

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		200
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4897	5,376	5,148	86.5	94.0	78.5	89.0	87.7	98.0	-
A4894	5,216	4,990	86.5	94.0	77.8	89.0	87.7	98.0	-
A4892	4,921	4,717	86.5	94.0	77.3	89.0	87.7	98.0	-

¹ See Note 1.



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Type Certificate Holder¹ Textron Aviation Inc. Aircraft Type Designation¹ 500

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ JT15D-1, JT15D-1A

Additional modifications essential to meet the requirements or needed to attain the **Engine intermix**

certificated noise levels¹

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		Cara
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A6330	5,376	5,148	86.5	94.0	78.5	89.0	87.7	98.0	-
A6331	5,216	4,990	86.5	94.0	77.8	89.0	87.7	98.0	-
A6332	4,921	4,717	86.5	94.0	77.3	89.0	87.7	98.0	-

¹ See Note 1.



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Type Certificate Holder¹ Textron Aviation Inc. Aircraft Type Designation¹ 500

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ JT15D-1, JT15D-1B

Additional modifications essential to meet the requirements or needed to attain the **Engine intermix**

certificated noise levels¹

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A6333	5,376	5,148	86.5	94.0	78.5	89.0	87.7	98.0	-
A6334	5,216	4,990	86.5	94.0	77.8	89.0	87.7	98.0	-
A6335	4,921	4,717	86.5	94.0	77.3	89.0	87.7	98.0	-

¹ See Note 1.



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Type Certificate Holder¹ Textron Aviation Inc. Aircraft Type Designation¹ 500

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ JT15D-1A

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

With or without thrust reverser

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		500
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4898	5,376	5,148	86.5	94.0	78.5	89.0	87.7	98.0	-
A4895	5,216	4,990	86.5	94.0	77.8	89.0	87.7	98.0	-
A4893	4,921	4,717	86.5	94.0	77.3	89.0	87.7	98.0	-

¹ See Note 1.



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

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ JT15D-1A, JT15D-1B

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

Engine intermix

500

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		S 0 0
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A6336	5,376	5,148	86.5	94.0	78.5	89.0	87.7	98.0	-
A6337	5,216	4,990	86.5	94.0	77.8	89.0	87.7	98.0	-
A6338	4,921	4,717	86.5	94.0	77.3	89.0	87.7	98.0	-

¹ See Note 1.



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Type Certificate Holder¹ Textron Aviation Inc. Aircraft Type Designation¹ 500

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ JT15D-1B

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

With or without thrust reverser

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		200
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4899	5,376	5,148	86.5	94.0	78.5	89.0	87.7	98.0	-
A4896	5,216	4,990	86.5	94.0	77.8	89.0	87.7	98.0	-
A6329	4,921	4,717	86.5	94.0	77.3	89.0	87.7	98.0	-

¹ See Note 1.



Type Certificate Holder¹

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Textron Aviation Inc. Aircraft Type Designation¹ 550

(Commercial Designation Citation II)

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ JT15D-4

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Can
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4903	6,396	6,124	86.4	94.0	71.6	89.0	90.8	98.0	-
A4902	6,033	5,761	86.7	94.0	80.1	89.0	90.2	98.0	-

¹ See Note 1.



Type Certificate Holder¹

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Textron Aviation Inc. Aircraft Type Designation¹ 550

(Commercial Designation Bravo)

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ PW530A

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

FASA	Maximu	ım Mass	Latera	Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A5651	6,713	6,123	85.2	94.0	73.7	89.0	91.2	98.0	-

¹ See Note 1.



Type Certificate Holder¹

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Textron Aviation Inc. Aircraft Type Designation¹ **560**

(Commercial Designation Citation V)

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ JT15D-5A

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4906	7,212	6,895	94.7	94.0	83.7	89.0	88.9	98.0	-

¹ See Note 1.



Type Certificate Holder¹

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Textron Aviation Inc. Aircraft Type Designation¹ 560

(Commercial Designation Citation Ultra)

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ JT15D-5D

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

....

FACA	Maximu	ım Mass	Latera	iteral EPNL Flyover EPNL		Approach EPNL		Soo !	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1296	7,394	6,895	95.9	94.0	82.9	89.0	85.7	98.0	-

¹ See Note 1.



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Type Certificate Holder¹ Textron Aviation Inc. Aircraft Type Designation¹ 560

(Commercial Designation Encore)

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ PW535A

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soc
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1295	7,543	6,895	89.8	94.0	70.0	89.0	90.5	98.0	-

¹ See Note 1.



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Type Certificate Holder¹ Textron Aviation Inc. Aircraft Type Designation¹ 560

(Commercial Designation Encore +)

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ PW535B

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 / Amendment 7 Chapter¹ 3

FASA	Maximu	ım Mass	Lateral EPNL Flyover EPNL		Approa	200			
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A6301	7,634	6,895	89.6	94.0	71.5	89.0	90.7	98.0	-

¹ See Note 1.



Type Certificate Holder¹

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Textron Aviation Inc. Aircraft Type Designation¹ 560XL

(Commercial Designation Citation Excel)

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ PW545A

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A1294	9,072	8,482	84.8	94.0	72.0	89.0	93.1	98.0	-	

¹ See Note 1.



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Type Certificate Holder¹ Textron Aviation Inc. Aircraft Type Designation¹ 560XL

(Commercial Designation Citation Excel)

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ PW545A

Additional modifications essential to meet the requirements or needed to attain the SB 560XL-32-28

certificated noise levels¹

FASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approa	Cara	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A9788	9,163	8,482	85.0	94.0	72.4	89.0	93.1	98.0	-

¹ See Note 1.



Type Certificate Holder¹

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Textron Aviation Inc. Aircraft Type Designation¹

(Commercial Designation XLS)

560XL

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ PW545B

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 / Amendment 7 Chapter¹ 4

FASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approa	Coo	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A66	9,163	8,482	86.8	94.0	72.1	89.0	92.8	98.0	-

¹ See Note 1.



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

(Commercial Designation XLS+)

560XL

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ PW545C

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ For S/N 560-6322 and on (Increased MTOM and certification to Chapter 14)

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 8 / Amendment 13 Chapter¹ 14

FASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approa	Coo	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A19696	9,222	8,482	86.8	94.0	72.3	89.0	92.8	98.0	-

¹ See Note 1.



Type Certificate Holder¹

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Textron Aviation Inc. Aircraft Type Designation¹

(Commercial Designation XLS+)

560XL

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ PW545C

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 / Amendment 7 Chapter¹ 4

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approa	Ç00	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10106	9,163	8,482	86.8	94.0	72.2	89.0	92.8	98.0	-

¹ See Note 1.



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Type Certificate Holder¹ Textron Aviation Inc. Aircraft Type Designation¹ S550

Engine Manufacturer¹ Pratt & Whitney Canada, Inc. Engine Type Designation¹ JT15D-4B

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approa	500	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A19726	6,668	6,350	91.6	94.0	87.9	89.0	85.1	98.0	-
A4890	6,849	6,532	91.5	94.0	88.7	89.0	86.2	98.0	2

¹ See Note 1.



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CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

TCDSN EASA.IM.A.207 Notes

- 1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
- 2. Applicable also for S/N S550-0001 thru -0085 fitted with SBS550-11-1

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Change Record

Issue	Date	Changes
Issue 1	18 September 2007	Initial Issue
Issue 2	15 January 2008	Revised
Issue 3	28 September 2008	Revised
Issue 4	26 February 2009	Revised
Issue 5	05 March 2009	Revised
Issue 6	03 April 2009	Revised
Issue 7	02 May 2017	TC holder name revised
Issue 8	23 May 2022	Record A19696 added (Increased MTOM and recertification to Chapter 14
		for 560 XLS (XLS+) model), type designations revised
Issue 9	06 July 2022	MTOM of record A19696 changed to 9,222 kg
Issue 10	06 September 2023	Records A4890 and A19726 added.