Cessna 525 Series (Citation)

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Date: 17 June 2021

TCDSN No.: EASA.IM.A.078

Issue: 13



# TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.078

for

**Cessna 525 Series (Citation)** 

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

#### For models:

525

525A

525B

525C



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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> **Textron Aviation Inc.** 525

Engine Manufacturer<sup>1</sup> Williams International Co. Engine Type Designation<sup>1</sup> FJ44-1A

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

certificated noise levels<sup>1</sup>

Edition 4 / Amendment 8 **Noise Certification Basis** ICAO Annex 16, Volume I Edition / Amendment Chapter<sup>1</sup> 3

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Can
EASA Record No.	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	See Note
A3168	4,808	4,445	83.6	94.0	73.6	89.0	89.7	98.0	2
A3167	4,717	4,400	83.6	94.0	73.4	89.0	89.5	98.0	3

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



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Type Certificate Holder<sup>1</sup> Textron Aviation Inc. Aircraft Type Designation<sup>1</sup> 525

(Commercial Designation Citation M2)

Engine Manufacturer<sup>1</sup> Williams International Co. Engine Type Designation<sup>1</sup> FJ44-1AP

Additional modifications essential to meet the requirements or needed to attain the M2 winglets

certificated noise levels<sup>1</sup>

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter<sup>1</sup> 4

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	See Note
A19000	4,853	4,491	85.9	94.0	73.2	89.0	88.5	98.0	4

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Textron Aviation Inc. Aircraft Type Designation<sup>1</sup> 525

Engine Manufacturer<sup>1</sup> Williams International Co. Engine Type Designation<sup>1</sup> FJ44-1AP

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

certificated noise levels<sup>1</sup>

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 4 / Amendment 8 Chapter<sup>1</sup> 4

FACA	Maximum Mass		Latera	Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	See Note
A1172	4,853	4,491	85.2	94.0	73.5	89.0	88.5	98.0	5

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



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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> **Textron Aviation Inc.** 525A

Engine Manufacturer<sup>1</sup> Williams International Co. Engine Type Designation<sup>1</sup> FJ44-2C

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

certificated noise levels<sup>1</sup>

**Noise Certification Basis** ICAO Annex 16, Volume I Edition / Amendment Edition 4 / Amendment 8 Chapter<sup>1</sup> 3

FACA	Maximu	ım Mass	Lateral EPNL Flyover EPNL		er EPNL	Approach EPNL		Coo	
EASA Record No.	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	See Note
A3169	5,613	5,216	88.8	94.0	74.5	89.0	91.4	98.0	6

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



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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> 525A **Textron Aviation Inc.** 

> (Commercial Designation Citation CJ2+)

Engine Manufacturer<sup>1</sup> Williams International Co. Engine Type Designation<sup>1</sup> FJ44-3A-24

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

certificated noise levels1

**Noise Certification Basis** Edition 4 / Amendment 8 ICAO Annex 16, Volume I Edition / Amendment Chapter<sup>1</sup> 4

FACA	Maximum Mass		Latera	Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	See Note
A3170	5,670	5,228	86.1	94.0	75.5	89.0	89.7	98.0	7

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



Type Certificate Holder<sup>1</sup>

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**Textron Aviation Inc.** Aircraft Type Designation<sup>1</sup> **525B** 

(Commercial Designation Citation CJ3)

Engine Manufacturer<sup>1</sup> Williams International Co. Engine Type Designation<sup>1</sup> FJ44-3A

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

certificated noise levels<sup>1</sup>

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 4 / Amendment 8 Chapter<sup>1</sup> 4

FACA	Maximum Mass		ximum Mass Lateral EPNL		Flyover EPNL		Approach EPNL		Ç00
EASA Record No.	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	See Note
A5610	6,291	5,783	88.7	94.0	74.0	89.0	88.6	98.0	-

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



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

Aircraft Type Designation 525C (Commercial Designation CI4)

Engine Manufacturer<sup>1</sup> Williams International Co. Engine Type Designation<sup>1</sup> FJ44-4A

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

certificated noise levels<sup>1</sup>

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 8 / Amendment 12 Chapter<sup>1</sup> 14

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	See Note
A18190	7,760	7,103	92.3	93.6	75.5	88.4	89.5	97.6	-

None

<sup>&</sup>lt;sup>1</sup> 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
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5

#### **TCDSN EASA.IM.A.078 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 to S/N 525-0360 thru 525-0599.
- 3. Applicable to S/N 525-0001 thru 525-0359.
- 4. Applicable to S/N 525-0800 and on.
- 5. Applicable to S/N 525-0600 and on.
- 6. Applicable to S/N 525A-0001 thru 525-0299.
- 7. Applicable to S/N 525A-0300 and on.

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## **Change Record**

Issue	Date	Changes
Issue 1	13 March 2006	Initial Issue
Issue 2	26 July 2006	Revised
Issue 3	22 March 2007	Revised
Issue 4	15 January 2008	Revised
Issue 5	16 January 2008	Revised
Issue 6	04 March 2009	Revised
Issue 7	15 June 2010	Changed chapter from 4 to 3:A3167, A3168 and A3169
Issue 8	18 May 2011	Model 525C added.
Issue 9	10 August 2012	Added Record A18190.
Issue 10	23 June 2014	Record A18906 added.
Issue 11	08 December 2015	Record A19000 added.
Issue 12	21 June 2018	Alignment of Type Name
Issue 13	17 June 2021	Record A18190 updated, record A14190 deleted.