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## TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.IM.A.207**

**for**

**Cessna 500**

**Type Certificate Holder:**

**Textron Aviation Inc.**

One Cessna Boulevard

P.O. Box 7704

Wichita, Kansas 67277

For models: Cessna 500  
Model 550  
Model 560  
Model 560XL  
Model S550



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Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Cessna 500**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **JT15D-1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **With or without thrust reverser**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A4897	<b>5,376</b>	<b>5,148</b>	<b>86.5</b>	<b>94.0</b>	<b>78.5</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-
A4894	<b>5,216</b>	<b>4,990</b>	<b>86.5</b>	<b>94.0</b>	<b>77.8</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-
A4892	<b>4,921</b>	<b>4,717</b>	<b>86.5</b>	<b>94.0</b>	<b>77.3</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Cessna 500**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **JT15D-1, JT15D-1A**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **Engine intermix**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A6330	<b>5,376</b>	<b>5,148</b>	<b>86.5</b>	<b>94.0</b>	<b>78.5</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-
A6331	<b>5,216</b>	<b>4,990</b>	<b>86.5</b>	<b>94.0</b>	<b>77.8</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-
A6332	<b>4,921</b>	<b>4,717</b>	<b>86.5</b>	<b>94.0</b>	<b>77.3</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Cessna 500**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **JT15D-1, JT15D-1B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **Engine intermix**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A6333	<b>5,376</b>	<b>5,148</b>	<b>86.5</b>	<b>94.0</b>	<b>78.5</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-
A6334	<b>5,216</b>	<b>4,990</b>	<b>86.5</b>	<b>94.0</b>	<b>77.8</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-
A6335	<b>4,921</b>	<b>4,717</b>	<b>86.5</b>	<b>94.0</b>	<b>77.3</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Cessna 500**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **JT15D-1A**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **With or without thrust reverser**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A4898	<b>5,376</b>	<b>5,148</b>	<b>86.5</b>	<b>94.0</b>	<b>78.5</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-
A4895	<b>5,216</b>	<b>4,990</b>	<b>86.5</b>	<b>94.0</b>	<b>77.8</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-
A4893	<b>4,921</b>	<b>4,717</b>	<b>86.5</b>	<b>94.0</b>	<b>77.3</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Cessna 500**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **JT15D-1A, JT15D-1B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **Engine intermix**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A6336	<b>5,376</b>	<b>5,148</b>	<b>86.5</b>	<b>94.0</b>	<b>78.5</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-
A6337	<b>5,216</b>	<b>4,990</b>	<b>86.5</b>	<b>94.0</b>	<b>77.8</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-
A6338	<b>4,921</b>	<b>4,717</b>	<b>86.5</b>	<b>94.0</b>	<b>77.3</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Cessna 500**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **JT15D-1B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>      **With or without thrust reverser**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A4899	<b>5,376</b>	<b>5,148</b>	<b>86.5</b>	<b>94.0</b>	<b>78.5</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-
A4896	<b>5,216</b>	<b>4,990</b>	<b>86.5</b>	<b>94.0</b>	<b>77.8</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-
A6329	<b>4,921</b>	<b>4,717</b>	<b>86.5</b>	<b>94.0</b>	<b>77.3</b>	<b>89.0</b>	<b>87.7</b>	<b>98.0</b>	-

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





Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Model 550**  
(Commercial Designation)      **Citation II)**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **JT15D-4**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A4903	<b>6,396</b>	<b>6,124</b>	<b>86.4</b>	<b>94.0</b>	<b>71.6</b>	<b>89.0</b>	<b>90.8</b>	<b>98.0</b>	-
A4902	<b>6,033</b>	<b>5,761</b>	<b>86.7</b>	<b>94.0</b>	<b>80.1</b>	<b>89.0</b>	<b>90.2</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Model 550**  
(Commercial Designation)      **Bravo)**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **PW530A**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A5651	<b>6,713</b>	<b>6,123</b>	<b>85.2</b>	<b>94.0</b>	<b>73.7</b>	<b>89.0</b>	<b>91.2</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Model 560**  
(Commercial Designation)      **Citation V)**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **JT15D-5A**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A4906	<b>7,212</b>	<b>6,895</b>	<b>94.7</b>	<b>94.0</b>	<b>83.7</b>	<b>89.0</b>	<b>88.9</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Model 560**  
(Commercial Designation)      **Citation Ultra**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **JT15D-5D**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A1296	<b>7,394</b>	<b>6,895</b>	<b>95.9</b>	<b>94.0</b>	<b>82.9</b>	<b>89.0</b>	<b>85.7</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Model 560**  
(Commercial Designation)      **Encore)**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **PW535A**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A1295	<b>7,543</b>	<b>6,895</b>	<b>89.8</b>	<b>94.0</b>	<b>70.0</b>	<b>89.0</b>	<b>90.5</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Model 560**  
(Commercial Designation      **Encore +)**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **PW535B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A6301	<b>7,634</b>	<b>6,895</b>	<b>89.6</b>	<b>94.0</b>	<b>71.5</b>	<b>89.0</b>	<b>90.7</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Model 560XL**  
(Commercial Designation)      **Citation Excel)**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **PW545A**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **SB 560XL-32-28 ()**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A9788	<b>9,163</b>	<b>8,482</b>	<b>85.0</b>	<b>94.0</b>	<b>72.4</b>	<b>89.0</b>	<b>93.1</b>	<b>98.0</b>	-
A1294	<b>9,072</b>	<b>8,482</b>	<b>84.8</b>	<b>94.0</b>	<b>72.0</b>	<b>89.0</b>	<b>93.1</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Model 560XL**  
(Commercial Designation)      **XLS)**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **PW545B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A66	<b>9,163</b>	<b>8,482</b>	<b>86.8</b>	<b>94.0</b>	<b>72.1</b>	<b>89.0</b>	<b>92.8</b>	<b>98.0</b>	-

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





Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Model 560XL**  
(Commercial Designation)      **XLS+**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **PW545C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A10106	<b>9,163</b>	<b>8,482</b>	<b>86.8</b>	<b>94.0</b>	<b>72.2</b>	<b>89.0</b>	<b>92.8</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Textron Aviation Inc.**      Aircraft Type Designation<sup>1</sup>      **Model S550**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada, Inc.**      Engine Type Designation<sup>1</sup>      **JT15D-4B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>      **None**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	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	
A4891	<b>6,900</b>	<b>6,500</b>	<b>91.5</b>	<b>94.0</b>	<b>88.7</b>	<b>89.0</b>	<b>86.2</b>	<b>98.0</b>	-
A4890	<b>6,849</b>	<b>6,532</b>	<b>91.7</b>	<b>94.0</b>	<b>87.9</b>	<b>89.0</b>	<b>85.1</b>	<b>98.0</b>	-

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



**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.



### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
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

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