



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.R.106

for

Bell 212/412

Type Certificate Holder:

Bell Textron Inc.

P.O. Box 482

Fot Worth, Texas 76101

USA

For models:

212

412

412EP



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Type Certificate Holder¹ **Bell Textron Inc.** Aircraft Type Designation¹ **212**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-3**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

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

EASA Record No.	Maximum Mass		Overflight SEL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	
D289	5,080	5,080	-	-	2

¹ See Note 1.



Type Certificate Holder¹ **Bell Textron Inc.** Aircraft Type Designation¹ **212**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-3B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

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

EASA Record No.	Maximum Mass		Overflight SEL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	
D288	5,080	5,080	-	-	2

¹ See Note 1.



Type Certificate Holder¹ **Bell Textron Inc.** Aircraft Type Designation¹ **412**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-3B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
D138	5,398	5,398	92.8	97.3	93.4	96.3	95.6	98.3	-
D139	5,262	5,262	93.2	97.2	93.4	96.2	95.6	98.2	-

¹ See Note 1.



Type Certificate Holder¹ **Bell Textron Inc.** Aircraft Type Designation¹ **412**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-3BE**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
D140	5,398	5,398	92.8	97.3	93.4	96.3	95.6	98.3	-
D141	5,262	5,262	93.2	97.2	93.4	96.2	95.6	98.2	-

¹ See Note 1.



Type Certificate Holder¹ **Bell Textron Inc.** Aircraft Type Designation¹ **412**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-3BF**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
D364	5,398	5,398	92.8	97.3	93.4	96.3	95.6	98.3	-
D367	5,262	5,262	93.2	97.2	93.4	96.2	95.6	98.2	-

¹ See Note 1.



Type Certificate Holder¹ **Bell Textron Inc.** Aircraft Type Designation¹ **412**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-3BG**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
D368	5,398	5,398	92.8	97.3	93.4	96.3	95.6	98.3	-
D371	5,262	5,262	93.2	97.2	93.4	96.2	95.6	98.2	-

¹ See Note 1.



Type Certificate Holder¹ **Bell Textron Inc.** Aircraft Type Designation¹ **412**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-3D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
D360	5,398	5,398	92.8	97.3	93.4	96.3	95.6	98.3	-
D363	5,262	5,262	93.2	97.2	93.4	96.2	95.6	98.2	-

¹ See Note 1.



Type Certificate Holder¹ **Bell Textron Inc.** Aircraft Type Designation¹ **412**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-3DE**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
D400	5,398	5,398	92.8	97.3	93.4	96.3	95.6	98.3	-
D401	5,262	5,262	93.2	97.2	93.4	96.2	95.6	98.2	-

¹ See Note 1.



Type Certificate Holder¹ **Bell Textron Inc.** Aircraft Type Designation¹ **412**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-3DF**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
D402	5,398	5,398	92.8	97.3	93.4	96.3	95.6	98.3	-
D403	5,262	5,262	93.2	97.2	93.4	96.2	95.6	98.2	-

¹ See Note 1.



Type Certificate Holder¹ **Bell Textron Inc.** Aircraft Type Designation¹ **412EP**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-3D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
D182	5,398	5,398	92.8	97.3	93.4	96.3	95.6	98.3	-

¹ See Note 1.



Type Certificate Holder¹ **Bell Textron Inc.** Aircraft Type Designation¹ **412EP**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-3DE**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
D404	5,398	5,398	92.8	97.3	93.4	96.3	95.6	98.3	-

¹ See Note 1.



Type Certificate Holder¹ **Bell Textron Inc.** Aircraft Type Designation¹ **412EP**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-3DF**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
D183	5,398	5,398	92.8	97.3	93.4	96.3	95.6	98.3	-

¹ See Note 1.



Type Certificate Holder¹ **Bell Textron Inc.** Aircraft Type Designation¹ **412EP**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-9**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **8 (8.4.1)**

EASA Record No.	Variant	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
		Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
D405	412EPI	5,398	5,398	92.8	97.3	93.4	96.3	95.6	98.3	-
D512	412EPI	5,534	5,398	92.8	97.4	93.4	96.4	95.6	98.4	-

¹ See Note 1.



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.R.106 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. This aircraft type conforms with the provisions of Art 9 (2) 1st subparagraph of Regulation (EU)2018/1139 without the need to comply with the Standards of ICAO Annex 16, Volume I, by virtue of the date of type certification.



Change Record

Issue	Date	Changes
Issue 1	04 April 2016	Initial Issue
Issue 2	09 March 2017	Conversion of mass 'lb' to 'kg' re-calculated, factor used: 4.535 924 E-01 in accordance with ICAO Annex 5
Issue 3	28 July 2022	TC-Holder, engine manufacturer & designation harmonized
Issue 4	16 August 2023	Record D512 for Variant 412EPI added

