Bell 212/412 TCDSN No.: EASA.IM.R.106 Page 1 of 17 Date: 09 March 2017

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TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.R.106

for

Bell 212/412 Series

Type Certificate Holder: Bell Helicopter Textron Inc. 3255 Bell Helicopter Boulevard Fort Worth, TX 76118 USA

For models: 212

412

412EP



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Type Certificate Holder **Bell Helicopter Textron Inc.** Aircraft Type Designation 212

Pratt & Whitney (formerly United Aircraft of Canada

Engine Manufacturer Ltd.) **Engine Type Designation** PW PT6T-3

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

certificated noise levels

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter 8

FACA	Maximu	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
EASA Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D289	5,080	5,080	-	-	-	-	-	-	2



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Type Certificate Holder Bell Helicopter Textron Inc. Aircraft Type Designation 212

Pratt & Whitney (formerly United Aircraft of Canada

Engine Manufacturer Ltd.) Engine Type Designation PW PT6T-3B

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

certificated noise levels

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter 8

EASA	Maximu	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D288	5,080	5,080	-	-	-	-	-	-	2



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

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

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

certificated noise levels1

EASA	Maximu	ım Mass	Take-O	ff EPNL	Overflig	ht EPNL	Approa	ch EPNL	Soo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
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.



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

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

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

certificated noise levels1

EASA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		See
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
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.



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

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

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

certificated noise levels1

EASA	Maximu	ım Mass	Take-O	ff EPNL	Overflig	ht EPNL	Approa	ch EPNL	Soo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
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.



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

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

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

certificated noise levels1

EASA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
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.



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

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

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

certificated noise levels¹

EASA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		Ç00
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
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.



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

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

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

certificated noise levels1

EASA	Maximu	ım Mass	Take-O	ff EPNL	Overflig	ht EPNL	Approa	ch EPNL	Ç00
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
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.



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

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

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

certificated noise levels1

EASA	Maximu	ım Mass	Take-O	ff EPNL	Overflig	ht EPNL	Approa	ch EPNL	Soo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
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.



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

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

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

certificated noise levels1

EASA	Maximu	ım Mass	Take-O	ff EPNL	Overflig	ht EPNL	Approa	ch EPNL	Soo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D182	5,398	5,398	92.8	97.3	93.4	96.3	95.6	98.3	-

¹ See Note 1.



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

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

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

certificated noise levels1

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

¹ See Note 1.



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

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

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

certificated noise levels1

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

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

¹ See Note 1.



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

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

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

certificated noise levels1

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

¹ See Note 1.



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TCDSN EASA.IM.R.106 Notes

- 1. Items so marked shall be included on EASA Form 45.
- 2. This aircraft type conforms with the provisions of Article 6.1 of Regulation 216/2008 without the need to comply with the Standards of ICAO Annex 16, Volume I, by virtue of the date of type certification.



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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

-END-