



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**

Engine Manufacturer **Pratt & Whitney (formerly United Aircraft of Canada Ltd.)** Engine Type Designation **PW PT6T-3**

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

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

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



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

Engine Manufacturer **Pratt & Whitney (formerly United Aircraft of Canada Ltd.)** Engine Type Designation **PW PT6T-3B**

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

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

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



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 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	
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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 certificated 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	-

¹ See Note 1.



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.



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

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