



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.R.512

for

Bell 206/407 Series

Type Certificate Holder:

Bell Textron Canada Ltd.

12 800, rue de l'Avenir
Mirabel, Quebec J7J 1R4
Canada

For models: 206A
206B
206L
206L-1
206L-3
206L-4
407



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Type Certificate Holder **Bell Textron Canada Ltd.** Aircraft Type Designation **206A**

Engine Manufacturer **Rolls-Royce** Engine Type Designation **205-C18D**

Additional modifications essential to meet the requirements or needed to attain the certified 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	
D346	1,361	1,361	-	-	-	-	-	-	2
D350	1,315	1,315	-	-	-	-	-	-	2



Type Certificate Holder **Bell Textron Canada Ltd.** Aircraft Type Designation **206A**

Engine Manufacturer **Rolls-Royce** Engine Type Designation **250-C18**

Additional modifications essential to meet the requirements or needed to attain the certified 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	
D345	1,361	1,361	-	-	-	-	-	-	2
D349	1,315	1,315	-	-	-	-	-	-	2



Type Certificate Holder **Bell Textron Canada Ltd.** Aircraft Type Designation **206A**

Engine Manufacturer **Rolls-Royce** Engine Type Designation **250-C18B**

Additional modifications essential to meet the requirements or needed to attain the certified 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	
D254	1,361	1,361	-	-	-	-	-	-	2
D348	1,315	1,315	-	-	-	-	-	-	2



Type Certificate Holder **Bell Textron Canada Ltd.** Aircraft Type Designation **206A**

Engine Manufacturer **Rolls-Royce** Engine Type Designation **250-C20**

Additional modifications essential to meet the requirements or needed to attain the certified 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	
D347	1,361	1,361	-	-	-	-	-	-	2
D351	1,315	1,315	-	-	-	-	-	-	2



Type Certificate Holder **Bell Textron Canada Ltd.** Aircraft Type Designation **206B**

Engine Manufacturer **Rolls-Royce** Engine Type Designation **250-C20**

Additional modifications essential to meet the requirements or needed to attain the certified 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	
D145	1,451	1,451	-	-	-	-	-	-	2
D146	1,451	1,451	-	-	-	-	-	-	2



Type Certificate Holder **Bell Textron Canada Ltd.** Aircraft Type Designation **206B**

Engine Manufacturer **Rolls-Royce** Engine Type Designation **250-C20B**

Additional modifications essential to meet the requirements or needed to attain the certified 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	
D147	1,451	1,451	-	-	-	-	-	-	2
D148	1,451	1,451	-	-	-	-	-	-	2



Type Certificate Holder **Bell Textron Canada Ltd.** Aircraft Type Designation **206B**

Engine Manufacturer **Allison** Engine Type Designation **250-C20J**

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

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

EASA Record No.	Variant	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
		Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	
D69	Jet Ranger III	1,520	1,520	-	-	-	-	-	-	2
D149		1,451	1,451	-	-	-	-	-	-	2
D150		1,451	1,451	-	-	-	-	-	-	2



Type Certificate Holder **Bell Textron Canada Ltd.** Aircraft Type Designation **206L**

Engine Manufacturer **Allison** Engine Type Designation **250-C20B**

Additional modifications essential to meet the requirements or needed to attain the certified 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	
D155	1,814	1,814	-	-	-	-	-	-	2



Type Certificate Holder **Bell Textron Canada Ltd.** Aircraft Type Designation **206L**

Engine Manufacturer **Allison** Engine Type Designation **250-C20J**

Additional modifications essential to meet the requirements or needed to attain the certified 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	
D358	1,814	1,814	-	-	-	-	-	-	2



Type Certificate Holder **Bell Textron Canada Ltd.** Aircraft Type Designation **206L-1**

Engine Manufacturer **Rolls-Royce** Engine Type Designation **250-C28B**

Additional modifications essential to meet the requirements or needed to attain the certified 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	
D354	2,018	2,018	-	-	-	-	-	-	2
D159	1,837	1,837	-	-	-	-	-	-	2



Type Certificate Holder **Bell Textron Canada Ltd.** Aircraft Type Designation **206L-1**

Engine Manufacturer **Rolls-Royce** Engine Type Designation **250-C30P**

Additional modifications essential to meet the requirements or needed to attain the certified 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	
D355	2,018	2,018	-	-	-	-	-	-	2
D353	1,837	1,837	-	-	-	-	-	-	2



Type Certificate Holder **Bell Textron Canada Ltd.** Aircraft Type Designation **206L-3**

Engine Manufacturer **Rolls-Royce** Engine Type Designation **250-C30P**

Additional modifications essential to meet the requirements or needed to attain the certified 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	
D161	1,882	1,882	-	-	-	-	-	-	2



Type Certificate Holder¹ **Bell Textron Canada Ltd.** Aircraft Type Designation¹ **206L-4**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **250-C30P**

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	
D110	2,018	2,018	88.3	93.1	85.4	92.1	90.8	94.1	-

¹ See Note 1.



Type Certificate Holder ¹	Bell Textron Canada Ltd.	Aircraft Type Designation ¹	407
Engine Manufacturer ¹	Allison	Engine Type Designation ¹	250-C47B
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 11 (11.4.1)

EASA Record No.	Maximum Mass		Overflight SEL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	
D112	2,268	2,268	84.6	86.6	-

¹ See Note 1.



Type Certificate Holder ¹	Bell Textron Canada Ltd.	Aircraft Type Designation ¹	407
Engine Manufacturer ¹	Allison	Engine Type Designation ¹	250-C47B
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		407-706-020 (Increase in MTOW)	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 11 (11.4.1)

EASA Record No.	Maximum Mass		Overflight SEL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	
D285	2,381	2,381	86.8	86.8	-

¹ See Note 1.



Type Certificate Holder ¹	Bell Textron Canada Ltd.	Aircraft Type Designation ¹	407
Engine Manufacturer ¹	Allison	Engine Type Designation ¹	250-C47B/8
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 11 (11.4.1)

EASA Record No.	Maximum Mass		Overflight SEL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	
D409	2,268	2,268	84.6	86.6	-

¹ See Note 1.



Type Certificate Holder ¹	Bell Textron Canada Ltd.	Aircraft Type Designation ¹	407
Engine Manufacturer ¹	Allison	Engine Type Designation ¹	250-C47B/8
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		407-706-020 (Increase in MTOW)	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 11 (11.4.1)

EASA Record No.	Maximum Mass		Overflight SEL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	
D408	2,381	2,381	86.8	86.8	-

¹ See Note 1.



Type Certificate Holder ¹	Bell Textron Canada Ltd.	Aircraft Type Designation ¹	407
Engine Manufacturer ¹	Allison	Engine Type Designation ¹	250-C47E/4
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 11 (11.4.1)

EASA Record No.	Maximum Mass		Overflight SEL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	
D439	2,268	2,268	84.6	86.6	-

¹ See Note 1.



Type Certificate Holder ¹	Bell Textron Canada Ltd.	Aircraft Type Designation ¹	407
Engine Manufacturer ¹	Allison	Engine Type Designation ¹	250-C47E/4
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		407-706-020 (Increase in MTOW)	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 11 (11.4.1)

EASA Record No.	Maximum Mass		Overflight SEL		See Note
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	
D438	2,381	2,381	86.8	86.8	-

¹ See Note 1.



CS-36 Amendment level

ICAO, Annex 16, Volume 1 Amendment level	7	8	9	10	11-B	12
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5

TCDN EASA.IM.R.512 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 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	23 July 2012	Initial issue
Issue 2	14 April 2016	Engine Model 250-C47B for Bell 407 added
Issue 3	10 December 2018	Introduction of engine type 250-C47E/4 for Bell 407
Issue 4	06 October 2020	TC-Holder revised

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