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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 **None**

certificated noise levels

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

FASA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo	
EASA Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note	
D346	1,361	1,361	-	-	-	-	-	-	2	
D350	1,315	1,315	-	-	-	-	-	-	2	



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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 **None**

certificated noise levels

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

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		200
Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D345	1,361	1,361	-	-	-	-	-	-	2
D349	1,315	1,315	-	-	-	-	-	-	2



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None

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

certificated noise levels

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See
EASA Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	Note
D254	1,361	1,361	-	-	-	-	-	-	2
D348	1,315	1,315	-	-	-	-	-	-	2



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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 None

certificated noise levels

EACA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo
EASA Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D347	1,361	1,361	-	-	-	-	-	-	2
D351	1,315	1,315	-	-	-	-	-	-	2

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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 None

certificated noise levels

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

FASA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		Soc	
EASA Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note	
D145	1,451	1,451	-	-	-	-	-	-	2	
D146	1,451	1,451	-	-	-	-	-	-	2	



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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 None

certificated noise levels

EASA	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
D147	1,451	1,451	-	-	-	-	-	-	2
D148	1,451	1,451	-	-	-	-	-	-	2



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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 **None**

certificated noise levels

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

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



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None

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

certificated noise levels

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

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo
Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D155	1,814	1,814	-	-	-	-	-		2

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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

certificated noise levels

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

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		500
EASA Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D358	1,814	1,814	-	-	-	-	-	-	2

None

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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 None

certificated noise levels

ΓΛΩ	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		See	
EASA Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	Note	
D354	2,018	2,018	-	-	-	-	-	-	2	
D159	1,837	1,837	-	-	-	-	-	-	2	



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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 None

certificated noise levels

EACA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo	
EASA Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note	
D355	2,018	2,018	-	-	-	-	-	-	2	
D353	1,837	1,837	-	-	-	-	-	-	2	



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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

certificated noise levels

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

EASA -	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soc	
Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note	
D161	1,882	1,882	-	-	-	-	-	-	2	

None

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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 **None**

certificated noise levels¹

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

FASA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		500
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D110	2,018	2,018	88.3	93.1	85.4	92.1	90.8	94.1	-

¹ See Note 1.



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Type Certificate Holder¹ Bell Textron Canada Ltd. Aircraft Type Designation¹ 407

Engine Manufacturer¹ Allison Engine Type Designation¹ 250-C47B

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels1

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 11 (11.4.1)

None

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

¹ See Note 1.



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Type Certificate Holder¹ Bell Textron Canada Ltd. Aircraft Type Designation¹ 407

Engine Manufacturer¹ Allison Engine Type Designation¹ 250-C47B

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels1

407-706-020 (Increase in MTOW)

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 11 (11.4.1)

ΓΛΟΛ	Maximum Mass		Overfli	°00	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D285	2,381	2,381	86.8	86.8	-



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11 (11.4.1)

Type Certificate Holder¹ Aircraft Type Designation¹ **Bell Textron Canada Ltd.** 407

Engine Manufacturer¹ Allison Engine Type Designation¹ 250-C47B/8

Additional modifications essential to meet the requirements or needed to attain the

ICAO Annex 16, Volume I

certificated noise levels1

Noise Certification Basis

Edition / Amendment

None

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

¹ See Note 1.



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Type Certificate Holder¹ Bell Textron Canada Ltd. Aircraft Type Designation¹ 407

Engine Manufacturer¹ Allison Engine Type Designation¹ 250-C47B/8

Additional modifications essential to meet the requirements or needed to attain the 407-706-020 (Increase in MTOW)

certificated noise levels1

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 11 (11.4.1)

ΓΛΩ	Maximum Mass		Overfli	S00	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D408	2,381	2,381	86.8	86.8	-

¹ See Note 1.



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Type Certificate Holder¹ Bell Textron Canada Ltd. Aircraft Type Designation¹ 407

Engine Manufacturer¹ Allison Engine Type Designation¹ 250-C47E/4

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels1

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 11 (11.4.1)

None

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

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ **Bell Textron Canada Ltd.** 407

Engine Manufacturer¹ Allison Engine Type Designation¹ 250-C47E/4

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels1

407-706-020 (Increase in MTOW)

Edition / Amendment Noise Certification Basis ICAO Annex 16, Volume I Chapter¹ 11 (11.4.1)

ΓΛΟΛ	Maximum Mass		Overfli	Ç00	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	See Note
D438	2,381	2,381	86.8	86.8	-



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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

TCDSN 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.

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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

-END-