TCDSN No.: EASA.IM.R.113 S-76 Series

Issue: 3



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Date: 28 July 2022

TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.R.113

for

S-76 Series

Type Certificate Holder:
Sikorsky Aircraft Corporation
6900 Main Street
Stratford, CT 06615-9129

USA

For models:

S-76A

S-76B

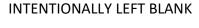
S-76C

S-76D



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Type Certificate Holder¹ Sikorsky Aircraft Corporation Aircraft Type Designation¹ S-76A

Engine Manufacturer¹ Rolls-Royce Corporation Engine Type Designation¹ 250-C30

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

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		\$00
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D57	4,762	4,762	-	-	-	-	-	-	2



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Type Certificate Holder¹ Sikorsky Aircraft Corporation Aircraft Type Designation¹ S-76A

Engine Manufacturer¹ Rolls-Royce Corporation Engine Type Designation¹ 250-C30S

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

EASA	Maximu	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D58	4,762	4,762	-	-	-	-	-	-	2



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Type Certificate Holder¹ Sikorsky Aircraft Corporation Aircraft Type Designation¹ S-76B

Engine Manufacturer¹ Pratt & Whitney Canada Engine Type Designation¹ PT6B-36

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

EACA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		500
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D101	5,171	5,171	-	-	-	-	-	-	2



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Type Certificate Holder¹ Sikorsky Aircraft Corporation Aircraft Type Designation¹ S-76B

Engine Manufacturer¹ Pratt & Whitney Canada Engine Type Designation¹ PT6B-36A

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

FASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D107	5,307	5,307	-	-	-	-	-	-	2



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Type Certificate Holder¹ Sikorsky Aircraft Corporation Aircraft Type Designation¹ S-76B

Engine Manufacturer¹ Pratt & Whitney Canada Engine Type Designation¹ PT6B-36B

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 Edition 3 / Amendment 7 Chapter¹ 8

EASA	Maximum 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
D252	5,307	5,307	-	-	-	-	-	-	2

¹ See Note 1.



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Type Certificate Holder¹ Sikorsky Aircraft Corporation Aircraft Type Designation¹ S-76C

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arriel 2S2

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)

EACA	Maximu	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D271	5,307	5,307	93.9	97.3	91.7	96.3	96.1	98.3	-



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Type Certificate Holder¹ Sikorsky Aircraft Corporation Aircraft Type Designation¹ S-76C

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arriel 1S1

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 8 (8.4.1)

FACA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		200
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D119	5,307	5,307	96.0	97.3	93.2	96.3	97.7	98.3	-

¹ See Note 1.



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Type Certificate Holder¹ Sikorsky Aircraft Corporation Aircraft Type Designation¹ S-76C

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arriel 2S1

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 8 (8.4.1)

EASA	Maximu	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D231	5,307	5,307	93.9	97.3	91.7	96.3	96.1	98.3	-

¹ See Note 1.



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Type Certificate Holder¹ Sikorsky Aircraft Corporation Aircraft Type Designation¹ S-76D

Engine Manufacturer¹ Pratt & Whitney Canada Engine Type Designation¹ PW210S

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 Edition 6 / Amendment 10 Chapter¹ 8 (8.4.2)

FACA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		200
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D410	5,386	5,386	90.1	94.3	88.8	92.3	93.2	97.3	-



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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.113 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.

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Change Record

Issue	Date	Changes
01	25 February 2015	Initial Issue
02	25 May 2016	Record D410 added in replacement of cancelled record D385
03	28 July 2022	Engine manufacturer revised