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# 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 Holder<sup>1</sup>      **Sikorsky Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **S-76A**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce Corporation**      Engine Type Designation<sup>1</sup>      **250-C30**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **8**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
D57	<b>4,762</b>	<b>4,762</b>	-	-	-	-	-	-	<b>2</b>

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<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Sikorsky Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **S-76A**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce Corporation**      Engine Type Designation<sup>1</sup>      **250-C30S**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **8**

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

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<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Sikorsky Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **S-76B**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6B-36**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **8**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
D101	<b>5,171</b>	<b>5,171</b>	-	-	-	-	-	-	<b>2</b>

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<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Sikorsky Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **S-76B**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6B-36A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **8**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
D107	<b>5,307</b>	<b>5,307</b>	-	-	-	-	-	-	<b>2</b>

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<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Sikorsky Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **S-76B**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6B-36B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **8**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
D252	<b>5,307</b>	<b>5,307</b>	-	-	-	-	-	-	<b>2</b>

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<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Sikorsky Aircraft Corporation**

Aircraft Type Designation<sup>1</sup>      **S-76C**

Engine Manufacturer<sup>1</sup>      **Safran Helicopter Engines**

Engine Type Designation<sup>1</sup>      **Arriel 2S2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>

**None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
D271	<b>5,307</b>	<b>5,307</b>	<b>93.9</b>	<b>97.3</b>	<b>91.7</b>	<b>96.3</b>	<b>96.1</b>	<b>98.3</b>	-

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<sup>1</sup> See Note 1.





Type Certificate Holder<sup>1</sup>      **Sikorsky Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **S-76C**

Engine Manufacturer<sup>1</sup>      **Safran Helicopter Engines**      Engine Type Designation<sup>1</sup>      **Arriel 1S1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **8 (8.4.1)**

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

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<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Sikorsky Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **S-76C**

Engine Manufacturer<sup>1</sup>      **Safran Helicopter Engines**      Engine Type Designation<sup>1</sup>      **Arriel 2S1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **8 (8.4.1)**

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

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Sikorsky Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **S-76D**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PW210S**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **8 (8.4.2)**

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

<sup>1</sup> See Note 1.



### **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.



### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
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

