



## *European Aviation Safety Agency*

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**EASA**

**TYPE-CERTIFICATE  
DATA SHEET FOR NOISE**

**No. EASA.A.586**

**F260**

**Type Certificate Holder:  
Alenia Aermacchi S.p.A**

Via Paolo Foresio, 1  
21040 Venegono Superiore (VA)  
Italy

For models: F260  
F260B  
F260C  
F260D  
F260E  
F260F  
SF260TP

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Type Certificate Holder	<b>Alenia Aermacchi S.p.A</b>	Aircraft Type Designation	<b>F260B</b>
Engine Manufacturer	<b>Lycoming</b>	Engine Type Designation	<b>O-540-E4A5</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C10609	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-1B/F8467-8R</b>	<b>none</b>	<b>1,102</b>	-		<b>2</b>
C10610	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-1B/F8467-8R</b>	<b>none</b>	<b>1,000</b>	-		<b>3</b>



Type Certificate Holder	<b>Alenia Aermacchi S.p.A</b>	Aircraft Type Designation	<b>F260C</b>
Engine Manufacturer	<b>Lycoming</b>	Engine Type Designation	<b>O-540-E4A5</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <b>6</b>

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Overflight dB(A)		See Note
					Level	Limit	
C4762	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-1BF/F8477-8R</b>	<b>none</b>	<b>1,102</b>	<b>73.2</b>	<b>74.7</b>	<b>2</b>
C10616	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-1BF/F8477-8R</b>	<b>none</b>	<b>1,000</b>			<b>3</b>
C10617	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-1B/8467-8R</b>	<b>none</b>	<b>1,000</b>			<b>3</b>
C10618	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-4F/FC8477-8R</b>	<b>none</b>	<b>1,000</b>			<b>3</b>

Type Certificate Holder<sup>1</sup> **Alenia Aermacchi S.p.A** Aircraft Type Designation<sup>1</sup> **F260D**  
 Engine Manufacturer<sup>1</sup> **Lycoming** Engine Type Designation<sup>1</sup> **AEIO-540-D4A5**  
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter<sup>1</sup> **6**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C8966	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-1BF/F8477-8R</b>	<b>none</b>	<b>1,100</b>	<b>73.2</b>	<b>74.7</b>	-

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

Type Certificate Holder<sup>1</sup>    **Alenia Aermacchi S.p.A**                                  Aircraft Type Designation<sup>1</sup>        **F260D**

Engine Manufacturer<sup>1</sup>        **Lycoming**    Engine Type Designation<sup>1</sup>        **O-540-E4A5**

Noise Certification Basis    **ICAO Annex 16, Volume I**    Edition / Amendment                                  Chapter<sup>1</sup>                                  **6**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C5352	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-1BF/F8477-8R</b>	<b>none</b>	<b>1,100</b>	<b>73.2</b>	<b>74.7</b>	<b>-</b>
C10619	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-1B/8467-8R</b>	<b>none</b>	<b>1,100</b>	<b>73.2</b>	<b>74.7</b>	<b>-</b>
C10620	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-4F/FC8477-8R</b>	<b>none</b>	<b>1,100</b>	<b>73.2</b>	<b>74.7</b>	<b>-</b>

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

Type Certificate Holder<sup>1</sup> **Alenia Aeromacchi S.p.A** Aircraft Type Designation<sup>1</sup> **F260E**  
 Engine Manufacturer<sup>1</sup> **Lycoming** Engine Type Designation<sup>1</sup> **AEIO-540-D4A5**  
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter<sup>1</sup> **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C10623	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-1BF/F8477-8R</b>	<b>none</b>	<b>1,200</b>	<b>81.8</b>	<b>85.8</b>	-
C10624	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-4F/FC8477-8R</b>	<b>none</b>	<b>1,200</b>	<b>81.8</b>	<b>85.8</b>	-

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

Type Certificate Holder <sup>1</sup>	<b>Alenia Aermacchi S.p.A</b>	Aircraft Type Designation <sup>1</sup>	<b>F260E</b>
Engine Manufacturer <sup>1</sup>	<b>Lycoming</b>	Engine Type Designation <sup>1</sup>	<b>IO-540-D4A5</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <sup>1</sup> <b>10 (10.4a)</b>

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C10621	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-1BF/F8477-8R</b>	<b>none</b>	<b>1,200</b>	<b>81.8</b>	<b>85.8</b>	-
C10622	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-4F/FC8477-8R</b>	<b>none</b>	<b>1,200</b>	<b>81.8</b>	<b>85.8</b>	-

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

Type Certificate Holder<sup>1</sup> **Alenia Aermacchi S.p.A** Aircraft Type Designation<sup>1</sup> **F260F**  
 Engine Manufacturer<sup>1</sup> **Lycoming** Engine Type Designation<sup>1</sup> **O-540-E4A5**  
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter<sup>1</sup> **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C10625	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-1BF/F8477-8R</b>	<b>none</b>	<b>1,200</b>	<b>81.8</b>	<b>85.8</b>	-
C10626	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YK-4F/FC8477-8R</b>	<b>none</b>	<b>1,200</b>	<b>81.8</b>	<b>85.8</b>	-

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

Type Certificate Holder<sup>1</sup>    **Alenia Aermacchi S.p.A**                      Aircraft Type Designation<sup>1</sup>    **SF260TP**  
Engine Manufacturer<sup>1</sup>    **Allison**    Engine Type Designation<sup>1</sup>    **250B17D**  
Noise Certification Basis    **ICAO Annex 16, Volume I**    Edition / Amendment                      Chapter<sup>1</sup>                      **6**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9871	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TF-7A/T10173-25R</b>	<b>none</b>	<b>1,160</b>	<b>72.0</b>	<b>75.5</b>	<b>-</b>

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

### **TCDSN EASA.A.586 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. However individual examples of this type which were first issued with a certificate of airworthiness on or after 1 January 1980 are required to demonstrate compliance with the Standards of ICAO Annex 16, Volume I, Chapter 6.
3. 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 being specifically designed for aerobatic purposes.

**Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	21 December 2011	Initial issue

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