



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.586

for

F260

Type Certificate Holder:

Leonardo S.p.A. - Divisione Velivoli

Piazza Monte Grappa, 4

00195 Rome

Italy

For models: F260
F260B
F260C
F260D
F260E
F260F
SF260TP



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Type Certificate Holder **Leonardo S.p.A. - Divisione Velivoli** Aircraft Type Designation **F260**

Engine Manufacturer **Lycoming** Engine Type Designation **O-540-E4A5**

Noise Certification Basis **ICAO Annex 16, Volume I** 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 | |
| C10607 | Hartzell Propeller Inc. | HC-C2YK-1B/F8467-8R | none | 1,102 | - | | 2 |
| C10608 | Hartzell Propeller Inc. | HC-C2YK-1B/F8467-8R | none | 1,000 | - | | 3 |



Type Certificate Holder **Leonardo S.p.A. - Divisione Velivoli** Aircraft Type Designation **F260B**

Engine Manufacturer **Lycoming** Engine Type Designation **O-540-E4A5**

Noise Certification Basis **ICAO Annex 16, Volume I** 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 | Hartzell Propeller Inc. | HC-C2YK-1B/F8467-8R | none | 1,102 | - | | 2 |
| C10610 | Hartzell Propeller Inc. | HC-C2YK-1B/F8467-8R | none | 1,000 | - | | 3 |



Type Certificate Holder **Leonardo S.p.A. - Divisione Velivoli** Aircraft Type Designation **F260C**

Engine Manufacturer **Lycoming** Engine Type Designation **AEIO-540-D4A5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter **6**

| 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 | |
| C10611 | Hartzell Propeller Inc. | HC-C2YK-1B/8467-8R | none | 1,102 | 73.2 | 74.7 | - |
| C4761 | Hartzell Propeller Inc. | HC-C2YK-1BF/F8477-8R | none | 1,102 | 73.2 | 74.7 | - |
| C10612 | Hartzell Propeller Inc. | HC-C2YK-4F/FC8477-8R | none | 1,102 | 73.2 | 74.7 | - |
| C10614 | Hartzell Propeller Inc. | HC-C2YK-1B/8467-8R | none | 1,000 | | | 3 |
| C10613 | Hartzell Propeller Inc. | HC-C2YK-1BF/F8477-8R | none | 1,000 | | | 3 |
| C10615 | Hartzell Propeller Inc. | HC-C2YK-4F/FC8477-8R | none | 1,000 | | | 3 |



Type Certificate Holder **Leonardo S.p.A. - Divisione Velivoli** Aircraft Type Designation **F260C**

Engine Manufacturer **Lycoming** Engine Type Designation **O-540-E4A5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter **6**

| 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 | |
| C4762 | Hartzell Propeller Inc. | HC-C2YK-1BF/F8477-8R | none | 1,102 | - | | 2 |
| C10617 | Hartzell Propeller Inc. | HC-C2YK-1B/8467-8R | none | 1,000 | - | | 3 |
| C10616 | Hartzell Propeller Inc. | HC-C2YK-1BF/F8477-8R | none | 1,000 | - | | 3 |
| C10618 | Hartzell Propeller Inc. | HC-C2YK-4F/FC8477-8R | none | 1,000 | - | | 3 |



Type Certificate Holder¹ **Leonardo S.p.A. - Divisione Velivoli** Aircraft Type Designation¹ **F260D**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **AEIO-540-D4A5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A. - Divisione Velivoli** Aircraft Type Designation¹ **F260D**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4A5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A. - Divisione Velivoli** Aircraft Type Designation¹ **F260E**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **AEIO-540-D4A5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

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

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A. - Divisione Velivoli** Aircraft Type Designation¹ **F260E**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-D4A5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

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

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A. - Divisione Velivoli** Aircraft Type Designation¹ **F260F**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-540-E4A5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

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

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A. - Divisione Velivoli** Aircraft Type Designation¹ **SF260TP**

Engine Manufacturer¹ **Allison** Engine Type Designation¹ **250B17D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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

¹ 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

| Issue | Date | Changes |
|--------------|------------------|-----------------------------------|
| Issue 1 | 21 December 2011 | Initial issue |
| Issue 2 | 01 February 2017 | Change of Type Certificate Holder |

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