



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.R.114

for

AB212 / AB412 Series

Type Certificate Holder:

Leonardo S.p.A.

Piazza Monte Grappa 4

00195 Roma

Italy

For models:

AB212

AB412

AB412EP



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Type Certificate Holder¹ **Leonardo S.p.A.**

Aircraft Type Designation¹ **AB212**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.**

Engine Type Designation¹ **PT6T-3**

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 Record No. | Maximum Mass | | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | | See Note |
|--------------------|-------------------------------|-----------------|--------------------|-------|--------------------|-------|--------------------|-------|-------------|
| | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | |
| D296 | 5,080 | 5,080 | - | - | - | - | - | - | 2 |

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A.**

Aircraft Type Designation¹ **AB212**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.**

Engine Type Designation¹ **PT6T-3B**

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 Record No. | Maximum Mass | | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | | See Note |
|--------------------|-------------------------------|-----------------|--------------------|-------|--------------------|-------|--------------------|-------|-------------|
| | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | |
| D297 | 5,080 | 5,080 | - | - | - | - | - | - | 2 |

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A.**

Aircraft Type Designation¹ **AB412**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.**

Engine Type Designation¹ **PT6T-3B**

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 Record No. | Maximum Mass | | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | | See Note |
|--------------------|-------------------------------|-----------------|--------------------|-------|--------------------|-------|--------------------|-------|-------------|
| | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | |
| D431 | 5,400 | 5,400 | - | - | - | - | - | - | 2 |
| D272 | 5,260 | 5,260 | - | - | - | - | - | - | 2 |

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A.**

Aircraft Type Designation¹ **AB412**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.**

Engine Type Designation¹ **PT6T-3BE**

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)**

| EASA Record No. | Maximum Mass | | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | | See Note |
|--------------------|-------------------------------|-----------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|-------------|
| | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | |
| D336 | 5,400 | 5,400 | 92.9 | 97.3 | 93.2 | 96.3 | 95.6 | 98.3 | - |

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A.**

Aircraft Type Designation¹ **AB412**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.**

Engine Type Designation¹ **PT6T-3D**

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)**

| EASA Record No. | Maximum Mass | | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | | See Note |
|--------------------|-------------------------------|-----------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|-------------|
| | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | |
| D432 | 5,400 | 5,400 | 92.9 | 97.3 | 93.2 | 96.3 | 95.6 | 98.3 | - |

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A.**

Aircraft Type Designation¹ **AB412**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.**

Engine Type Designation¹ **PT6T-3DF**

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)**

| EASA Record No. | Maximum Mass | | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | | See Note |
|--------------------|-------------------------------|-----------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|-------------|
| | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | |
| D433 | 5,400 | 5,400 | 92.9 | 97.3 | 93.2 | 96.3 | 95.6 | 98.3 | - |

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A.** Aircraft Type Designation¹ **AB412EP**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-3D**

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)**

| EASA Record No. | Maximum Mass | | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | | See Note |
|--------------------|-------------------------------|-----------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|-------------|
| | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | |
| D434 | 5,400 | 5,400 | 92.8 | 97.3 | 93.4 | 96.3 | 95.6 | 98.3 | - |

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A.** Aircraft Type Designation¹ **AB412EP**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6T-3DF**

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)**

| EASA Record No. | Maximum Mass | | Take-Off EPNL | | Overflight EPNL | | Approach EPNL | | See Note |
|--------------------|-------------------------------|-----------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|-------------|
| | Take-off ¹ (kg) | Landing (kg) | Level ¹ | Limit | Level ¹ | Limit | Level ¹ | Limit | |
| D435 | 5,400 | 5,400 | 92.8 | 97.3 | 93.4 | 96.3 | 95.6 | 98.3 | - |

¹ 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.R.114 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

| Issue | Date | Changes |
|--------------|------------------|---|
| 01 | 13 February 2017 | Initial Issue |
| 02 | 18 July 2022 | Records D296 & D297: Engine manufacturer and designation revised. |

