



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.R.509

for

AW169

Type Certificate Holder:

Leonardo S.p.A.

Piazza Monte Grappa 4

00195 Roma

Italy

For models:

AW169



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

Aircraft Type Designation¹ **AW169**

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

Engine Type Designation¹ **PW210A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Core Avionics Phase 6.0 SW Release

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **8 (8.4.2)**

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	
D484	4,800	4,800	90.0	93.8	88.3	91.8	96.4	96.8	-
D485	4,600	4,600	89.9	93.6	88.3	91.6	96.5	96.6	-

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A.** Aircraft Type Designation¹ **AW169**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW210A**

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 **Edition 6 / Amendment 10** Chapter¹ **8 (8.4.2)**

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	
D392	4,600	4,600	88.8	93.6	89.3	91.6	94.4	96.6	-

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A.** Aircraft Type Designation¹ **AW169**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW210A**

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 **Edition 7 / Amendment 11-B** Chapter¹ **8 (8.4.2)**

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	
D426	4,800	4,800	88.9	93.8	89.3	91.8	94.2	96.8	-

¹ See Note 1.



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

Aircraft Type Designation¹ **AW169**

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

Engine Type Designation¹ **PW210A1**

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 **Edition 8 / Amendment 12** Chapter¹ **8 (8.4.2)**

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	
D497	4,800	4,800	90.0	93.8	88.3	91.8	96.4	96.8	2
D498	4,600	4,600	89.9	93.6	88.3	91.6	96.5	96.6	2

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A.** Aircraft Type Designation¹ **AW169**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW210A1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **Skid landing gear**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **8 (8.4.2)**

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	
D499	4,800	4,800	90.0	93.8	88.2	91.8	96.4	96.8	-

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.509 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. Engine installation includes Kit Enhanced Performance and Core Avionics Software Phase 7.0



Change Record

Issue	Date	Changes
Issue 1	15 July 2015	Initial Issue
Issue 2	13 January 2016	TC holder revised
Issue 3	04 August 2016	Change of TC holder name into Leonardo S.p.A.
Issue 4	18 January 2017	Introduction of Kit increased Gross Weight 4800 kg
Issue 5	19 January 2017	Noise requirements of Record Number D426 corrected
Issue 6	25 January 2021	Records D484 and D485 added.
Issue 7	06 December 2021	Amendment level of ICAO Annex 16 for records D484 and D485 added
Issue 8	12 January 2022	Added records D497 and D498 for AW169 fitted with PW210A1
Issue 9	03 January 2023	Added record D499 for AW169 fitted with Skid landing gear

