



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.R.006

for

AB 139, AW 139

Type Certificate Holder:

Leonardo S.p.A.

Piazza Monte Grappa 4

00195 Roma

Italy

For models:

AB139

AW139



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

Aircraft Type Designation¹ **AB139**

Engine Manufacturer¹ **Pratt & Whitney Canada**

Engine Type Designation¹ **PT6C-67C**

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 ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
D395	7,000	7,000	90.3	98.5	90.7	97.5	94.1	99.5	-
D277	6,800	6,800	90.3	98.3	90.7	97.3	94.1	99.3	-
D275	6,400	6,400	90.5	98.1	89.8	97.1	93.0	99.1	-

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A.** Aircraft Type Designation¹ **AW139**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PT6C-67C**

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 ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
D394	7,000	7,000	90.3	95.5	90.7	93.5	94.1	98.5	-
D278	6,800	6,800	90.3	95.3	90.7	93.3	94.1	98.3	-
D276	6,400	6,400	90.5	95.1	89.8	93.1	93.0	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **Leonardo S.p.A.** Aircraft Type Designation¹ **AW139**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PT6C-67C1**

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 ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
D493	7,000	7,000	90.3	95.5	90.7	93.5	94.1	98.5	-
D494	6,800	6,800	90.3	95.3	90.7	93.3	94.1	98.3	-
D495	6,400	6,400	90.5	95.1	89.8	93.1	93.0	98.1	-

¹ See Note 1.



CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5

TCDSN EASA.R.006 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.



Change Record

Issue	Date	Changes
Issue 1	21 February 2007	Initial Issue
Issue 2	13 January 2010	Revised
Issue 3	16 August 2010	Noise levels update on 6800kg MTOW model.
Issue 4	18 February 2014	Name of TC-holder revised.
Issue 5	15 July 2015	Records D394 and D395 added.
Issue 6	13 January 2016	TC holder revised
Issue 7	04 August 2016	TC-holder name changed into Leonardo S.p.A.
Issue 8	03 August 2021	Noise certification basis updated for records D276, D278 and D394; Records D493, D494 and D495 added.

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