

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

A109

**Type Certificate Holder:
Agusta S.p.A.**

Via Giovanni Agusta, 520
21017 Cascina Costa di Samarate (Va)
ITALY

For models : A109
A109A
A109AII
A109C
A109E
A109K2
A109LUH
A109S
A109N
A119
AW109SP
AW119 MKII

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Type Certificate Holder **Agusta S.p.A.**

Aircraft Type Designation **A109A**

Engine Manufacturer **Allison**

Engine Type Designation **250-C20B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels **None**

Noise Certification Basis **ICAO , Volume**

Edition / Amendment

Chapter

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit
D268	2.450	2.450	**	**	**	**	**	**

** By virtue of the date of type certification this aircraft type is in accordance 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.

Type Certificate Holder **Agusta S.p.A.**

Aircraft Type Designation **A109All**

Engine Manufacturer **Allison**

Engine Type Designation **250-C20B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels **None**

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

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit
D192	2.600	2.600	**	**	**	**	**	**

** By virtue of the date of type certification this aircraft type is in accordance 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.

Type Certificate Holder **Agusta S.p.A.**

Aircraft Type Designation **A109All**

Engine Manufacturer **Allison**

Engine Type Designation **250-C20R/1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels **None**

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

Chapter

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit
D193	2.600	2.600	**	**	**	**	**	**

** By virtue of the date of type certification this aircraft type is in accordance 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.

Type Certificate Holder* **Agusta S.p.A.**

Aircraft Type Designation* **A109C**

Engine Manufacturer* **Allison**

Engine Type Designation* **250-C20R/1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**

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

Chapter* **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
D194	2.720	2.720	92,4	94,4	88,8	93,4	90,1	95,4

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Agusta S.p.A.**

Aircraft Type Designation* **A109E**

Engine Manufacturer* **Turbomeca**

Engine Type Designation* **Arriel 2K1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**

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

Chapter* **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
D269	2.850	2.850	91,8	94,6	91,4	93,6	93,4	95,6

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Agusta S.p.A.** Aircraft Type Designation* **A109E**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW206C**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
D109	2.850	2.850	91,3	94,6	90,9	93,6	91,4	95,6

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Agusta S.p.A.**

Aircraft Type Designation* **A109K2**

Engine Manufacturer* **Turbomeca**

Engine Type Designation* **Arriel 1K1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**

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

Chapter* **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
D108	2.850	2.850	91,7	94,6	89,1	93,6	91,1	95,6

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Agusta S.p.A.**

Aircraft Type Designation* **A109LUH**

Engine Manufacturer* **Turbomeca**

Engine Type Designation* **Arrius 2K2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **3 Edition / Amendment 7** Chapter* **8 (8.4.2)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
D270	3.000	3.000	91,8	91,8	88,6	89,8	92,9	94,8

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Agusta S.p.A.** Aircraft Type Designation* **A109N**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW207C**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **3 Edition / Amendment 7** Chapter* **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
D327	3.175	3.175	90,5	95,0	88,4	94,0	91,2	96,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Agusta S.p.A.** Aircraft Type Designation* **A109S**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW207C**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **3 Edition / Amendment 7** Chapter* **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
D5	3.175	3.175	90,5	95,0	88,4	94,0	91,2	96,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Agusta S.p.A.**

Aircraft Type Designation* **A119**

Engine Manufacturer* **Pratt & Whitney Canada**

Engine Type Designation* **PT6B-37A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**

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

Chapter* **11 (11.4.1)**

EASA Record No.	Variant	Maximum Mass		Overflight SEL	
		Take-off* (kg)	Landing* (kg)	Level*	Limit
D255	Koala	2.720	2.720	86,5	87,4

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Agusta S.p.A.** Aircraft Type Designation* **AW109SP**

Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW207C**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **3 Edition / Amendment 7** Chapter* **8 (8.4.1)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
D291	3.175	3.175	90,5	95,0	88,4	94,0	91,2	96,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Agusta S.p.A.** Aircraft Type Designation* **AW119 MKII**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PT6B-37A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **4 Edition / Amendment 8** Chapter* **8 (8.4.2)**

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
D256	2.850	2.850	90,8	91,6	88,2	89,6	91,0	94,6

* Items so marked shall be included on EASA Form 45.

Change Record

Issue	Date	Changes
Issue 1	02 June 2005	Initial Issue
Issue 2	15 February 2008	Page 3: Add record D267 Page 4: Add record D268 Page 5: Add record D192 Page 6: Add recprd D193 Page 7: Add record D194 Page 8: Add record D108 Page 9: Add record D109 Page 10 Add record D269 Page 11: Add record D255 Page 12 Add record D270 Page 14: Add record D256
Issue 3	25 May 2009	Page 14: Add record D291
Issue 4	06 January 2010	Update of the footnote for blank records
Issue 5	25 February 2010	Record D291: Type designation revised.
Issue 6	29 November 2010	Record D327 added.