TCDSN No.: EASA.R.510 AW189 Date: 28 July 2022

Issue: 6



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TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.R.510

for

AW189

Type Certificate Holder: Leonardo S.p.A. Piazza Monte Grappa 4 00195 Roma Italy

For models: AW189



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Type Certificate Holder¹ Leonardo S.p.A. Aircraft Type Designation¹ AW189

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ ANETO-1K

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

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 7 / Amendment 11-B Chapter¹ 8 (8.4.2)

FACA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D471	8,600	8,600	90.3	96.3	94.9	94.3	98.7	99.3	-

¹ See Note 1.



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Type Certificate Holder¹ Leonardo S.p.A. Aircraft Type Designation¹ AW189

Engine Manufacturer¹ General Electric Company Engine Type Designation¹ CT7-2E1

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)

TASA.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		- See	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
D386	8,600	8,600	91.3	96.3	95.2	94.3	99.1	99.3	-	
D359	8,300	8,300	91.3	96.2	95.2	94.2	99.1	99.2	-	

¹ See Note 1.



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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.510 Notes

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



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Change Record

Issue	Date	Changes
Issue 1	07 February 2014	Initial Issue
Issue 2	18 March 2015	Record D359: Amendment number revised; Record D386 added; TC
		holder address revised.
Issue 3	13 January 2016	TC holder revised
Issue 4	04 August 2016	Change of TC holder name into Leonardo S.p.A.
Issue 5	08 June 2020	Introduction of the Safran Aneto-1K motorization
Issue 6	28 July 2022	Engine manufacturer and designation harmonized.

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