

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

AVO 68

Type Certificate Holder:
M&D Flugzeugbau GmbH & Co. KG
Streeker Str. 5 b
D-26446 Friedeburg
Deutschland

For models : AVO 68-R "Samburo"
 AVO 68-R100 "Samburo"
 AVO 68-R115 "Samburo"
 AVO 68-s "Samburo"
 AVO 68-v "Samburo"

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Type Certificate Holder *	M&D Flugzeugbau GmbH & Co. KG	Aircraft Type Designation *	AVO 68-R "Samburo"
Engine Manufacturer *	BRP - Rotax GmbH & Co.KG	Engine Type Designation *	Rotax 912 A3
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter * 10 (10.4a)

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Take-off dB(A)	
					Level *	Limit
C274	Hoffmann Propeller	HO-V352F-S1/S170FQ	none	685	73,3	77,9

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

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Type Certificate Holder *	M&D Flugzeugbau GmbH & Co. KG	Aircraft Type Designation *	AVO 68-R "Samburo"
Engine Manufacturer *	BRP - Rotax GmbH & Co.KG	Engine Type Designation *	Rotax 912 S3
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter * 10

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Take-off dB(A)	
					Level *	Limit
C5193	Hoffmann Propeller	HO-V352F-S1/S170FQ	none	685	62,8	77,9

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Type Certificate Holder *	M&D Flugzeugbau GmbH & Co. KG	Aircraft Type Designation *	AVO 68-R100 "Samburo"
Engine Manufacturer *	BRP - Rotax GmbH & Co.KG	Engine Type Designation *	Rotax 912 S3
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	4 Edition / Amendment 8
		Chapter *	10 (10.4b)

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Take-off dB(A)	
					Level *	Limit
C9361	Hoffmann Propeller	HO-V352F-S2/CS170FQ+10	none	825	75,7	75,7
C275	Hoffmann Propeller	HO-V352F-S2/CS170FQ+10	none	750	66,0	74,2

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Type Certificate Holder *	M&D Flugzeugbau GmbH & Co. KG	Aircraft Type Designation *	AVO 68-R115 "Samburo"
Engine Manufacturer *	BRP - Rotax GmbH & Co.KG	Engine Type Designation *	Rotax 914 F3
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	4 Edition / Amendment 8
		Chapter *	10 (10.4b)

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Take-off dB(A)	
					Level *	Limit
C9362	Hoffmann Propeller	HO-V352F-S2/CS170FQ+10	none	825	65,5	75,7

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Type Certificate Holder* **M&D Flugzeugbau GmbH & Co. KG** Aircraft Type Designation* **AVO 68-R115 "Samburo"**
Engine Manufacturer* **BRP - Rotax GmbH & Co.KG** Engine Type Designation* **Rotax 914 F3**
Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10 (10.4a)**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C276	Hoffmann Propeller	HO-V352F-S2/CS170FQ+10	none	750	66,9	79,1

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Type Certificate Holder *	M&D Flugzeugbau GmbH & Co. KG	Aircraft Type Designation *	AVO 68-s "Samburo"
Engine Manufacturer *	Limbach	Engine Type Designation *	L 1700 E0 1
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter * 6

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C2352	Hoffmann Propeller	HO-11()-150-B-75-L	none	685	67,0	69,1
C2353	Hoffmann Propeller	HO-11-A-150-B-90-L	none	685	66,4	69,1

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Type Certificate Holder *	M&D Flugzeugbau GmbH & Co. KG	Aircraft Type Designation *	AVO 68-v "Samburo"
Engine Manufacturer *	Limbach	Engine Type Designation *	L 1700 E0 1
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter * 6

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C2354	Hoffmann Propeller	HO-V62-R-L150A	none	685	65,1	69,1

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Type Certificate Holder *	M&D Flugzeugbau GmbH & Co. KG	Aircraft Type Designation *	AVO 68-v "Samburo"
Engine Manufacturer *	Limbach	Engine Type Designation *	L 2000 E0 1
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter * 6

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C5618	Hoffmann Propeller	HO-V62-R-L160BT	none	685	69,1	69,1
C5617	Hoffmann Propeller	HO-V62-R-L160T	none	685	69,1	69,1

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Change Record

Issue	Date	Changes
Issue 1	16 May 2007	Initial Issue
Issue 2	23 November 2007	Revised
Issue 3	04 June 2008	Revised
Issue 4	22 November 2010	Records C9361 and C9362 added.