



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.098

for

Scheibe powered sailplanes

Type Certificate Holder:

Scheibe Aircraft GmbH

Sudetenstraße 57/2, Flugplatz Heubach

D-73540 Heubach

Deutschland

For models: SF 25 A
SF 25 B
SF 25 C
SF 25 D
SF 25 E
SF 25 K
SF 28 A
SF 36 A
SF 36 R



INTENTIONALLY LEFT BLANK



Type Certificate Holder **Scheibe Aircraft GmbH** Aircraft Type Designation **SF 25 A**

Engine Manufacturer **Hirth** Engine Type Designation **Hirth F 10 A1c**

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

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C10047	Hoffmann Propeller	HO-02-160-B-90-L	none	485	-		2
C10048	Hoffmann Propeller	HOCO-F-H2-HGO2-160-85-7.6-L	none	485	-		2
C10049	Hoffmann Propeller	HOCO-F-H2-HGO2-160-90-7.6-L	none	485	-		2
C10046	Scheibe	SF 10 A-80-160 WN	none	485	-		2

Type Certificate Holder	Scheibe Aircraft GmbH	Aircraft Type Designation	SF 25 A
Engine Manufacturer	Hirth	Engine Type Designation	Hirth F 10 A2c
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C10043	Hoffmann Propeller	HO-02-160-B-90-L	none	485	-		2
C10044	Hoffmann Propeller	HOCO-F-H2-HGO2-160-85-7.6-L	none	485	-		2
C10045	Hoffmann Propeller	HOCO-F-H2-HGO2-160-90-7.6-L	none	485	-		2
C10042	Scheibe	SF 10 A-80-160 WN	none	485	-		2



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 A**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 447**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4630	Hoffmann Propeller	HO-02-160-B-90-L	Silencer : Resonance silencer	485	58.6	68.0	-
C4631	Hoffmann Propeller	HOCO-F-H2-HGO2-160-85-7.6-L	Silencer : Resonance silencer	485	58.6	68.0	-
C4632	Hoffmann Propeller	HOCO-F-H2-HGO2-160-90-7.6-L	Silencer : Resonance silencer	485	58.6	68.0	-

¹ See Note 1.

Type Certificate Holder	Scheibe Aircraft GmbH	Aircraft Type Designation	SF 25 A
Engine Manufacturer	Solo Kleinmotoren GmbH	Engine Type Designation	Solo 560 A2C
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C10051	Hoffmann Propeller	HO-02-160-B-90-L	none	485	-		2
C10052	Hoffmann Propeller	HOCO-F-H2-HGO2-160-85-7.6-L	none	485	-		2
C10053	Hoffmann Propeller	HOCO-F-H2-HGO2-160-90-7.6-L	none	485	-		2
C10050	Scheibe	SF 10 A-80-160 WN	none	485	-		2



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 B**

Engine Manufacturer¹ **Sauer Flugmotorenbau GmbH** Engine Type Designation¹ **() 1800-()-()**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4624	Hoffmann Propeller	HO-11-A-150-B-90-L	Silencer : SF 6000	555	49.4	68.0	-
C4628	MT-Propeller Entwicklung GmbH	MT 150 L 90-1A	Silencer : SF 6000	555	49.4	68.0	-

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 B**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 1700 EA 2**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C8989	Hoffmann Propeller	HO-11()-150-B-65-L	Technical note LBA 653-31 and Mod.152 ()	565	56.2	68.0	-
C9271	Hoffmann Propeller	HO-11()-150-B-75-L	none	555	56.2	68.0	-

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 B**

Engine Manufacturer¹ **Karl Pieper GmbH & Co. KG Motorenbau** Engine Type Designation¹ **Stark Stamo 45 SG**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4636	Hoffmann Propeller	HO-11()-150-B-70-L	none	555	59.5	68.0	-
C4638	Hoffmann Propeller	HOCO-F-H2-P-11-150-65-7.8-L	none	555	59.5	68.0	-

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 B**

Engine Manufacturer¹ **Karl Pieper GmbH & Co. KG Motorenbau** Engine Type Designation¹ **Stark Stamo MS 1500/1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4642	Hoffmann Propeller	HO-11()-150-B-70-L	none	555	59.5	68.0	-
C4650	Hoffmann Propeller	HOCO-F-H2-P-11-150-70-7.8-L	none	555	59.5	68.0	-

¹ See Note 1.



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 B**

Engine Manufacturer¹ **Karl Pieper GmbH & Co. KG Motorenbau** Engine Type Designation¹ **Stark Stamo MS 1500/2**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4646	Hoffmann Propeller	HO-11()-150-B-70-L	none	555	59.5	68.0	-
C4654	Hoffmann Propeller	HOCO-F-H2-P-11-150-65-7.8-L	none	555	59.5	68.0	-

¹ See Note 1.



Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 C
Engine Manufacturer ¹	Limbach	Engine Type Designation ¹	1700 EA 1
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 6

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C11934	Hoffmann Propeller	HO-V62/L150 A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	69.0	69.0	-
C11935	Hoffmann Propeller	HO-V62R/L150 A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	69.0	69.0	-
C11914	Hoffmann Propeller	HO-V62/L150 A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	68.5	68.5	-
C11915	Hoffmann Propeller	HO-V62R/L150 A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	68.5	68.5	-

¹ See Note 1.



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 1700 EA 2**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4648	Hoffmann Propeller	HO-11()-150-B-65-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	650	58.1	68.7	-
C4652	Hoffmann Propeller	HO-11()-150-B-75-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	650	58.1	68.7	-
C4658	Hoffmann Propeller	HO-11-A-150-B-65-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	650	58.1	68.7	-
C9286	Hoffmann Propeller	HO-11-A-150-B-70-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	650	58.1	68.7	-
C4644	Hoffmann Propeller	HO-11-A-150-B-75-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	650	58.1	68.7	-
C9379	MT-Propeller Entwicklung GmbH	MT 150 L 75-1A	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	650	58.1	68.7	-
C4649	Hoffmann Propeller	HO-11()-150-B-65-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	610	57.8	68.1	-
C4653	Hoffmann Propeller	HO-11()-150-B-75-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	610	57.8	68.1	-
C4641	Hoffmann Propeller	HO-11-A-150-B-65-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	610	57.8	68.1	-
C9285	Hoffmann Propeller	HO-11-A-150-B-70-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	610	57.8	68.1	-

¹ See Note 1.

/continued over page



Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 C
Engine Manufacturer ¹	Limbach	Engine Type Designation ¹	L 1700 EA 2
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 6

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4645	Hoffmann Propeller	HO-11-A-150-B-75-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	610	57.8	68.1	-
C4657	MT-Propeller Entwicklung GmbH	MT 150 L 75-1A	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	610	57.8	68.1	-
C4651	Hoffmann Propeller	HO-11()-150-B-65-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	580	57.8	68.0	-
C4655	Hoffmann Propeller	HO-11()-150-B-75-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	580	57.8	68.0	-
C4643	Hoffmann Propeller	HO-11-A-150-B-65-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	580	57.8	68.0	-
C9284	Hoffmann Propeller	HO-11-A-150-B-70-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	580	57.8	68.0	-
C4647	Hoffmann Propeller	HO-11-A-150-B-75-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	580	57.8	68.0	-
C9346	MT-Propeller Entwicklung GmbH	MT 150 L 65-1A	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	580	57.8	68.0	-
C4702	MT-Propeller Entwicklung GmbH	MT 150 L 75-1A	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	580	57.8	68.0	-

¹ Items so marked shall be included on EASA Form 45.



Type Certificate Holder **Scheibe Aircraft GmbH** Aircraft Type Designation **SF 25 C**

Engine Manufacturer **Limbach** Engine Type Designation **L 1700 EA 2**

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

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C9287	MT-Propeller Entwicklung GmbH	MT 150 L 75-1A	Silencer : Scheibe 653C-71-S23 According to Modification No. 45	580	-		1

Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 C
Engine Manufacturer ¹	Limbach	Engine Type Designation ¹	L 2000 EA
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 6

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C11936	Hoffmann Propeller	HO-11()-150-B-75-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	56.1	69.0	-
C11938	Hoffmann Propeller	HO-11()-150-B-90-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	59.8	69.0	-
C11937	MT-Propeller Entwicklung GmbH	MT 150 L 75-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	56.1	69.0	-
C11916	Hoffmann Propeller	HO-11()-150-B-75-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	55.7	68.5	-
C11918	Hoffmann Propeller	HO-11()-150-B-90-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	55.7	68.5	-
C11917	MT-Propeller Entwicklung GmbH	MT 150 L 75-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	55.7	68.5	-
C11919	MT-Propeller Entwicklung GmbH	MT 150 L 90-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	58.9	68.5	-
C11898	Hoffmann Propeller	HO-11()-150-B-75-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	604	55.1	68.1	-
C11900	Hoffmann Propeller	HO-11()-150-B-90-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	604	58.2	68.1	-
C11899	MT-Propeller Entwicklung GmbH	MT 150 L 75-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	604	55.1	68.1	-

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2000 EA**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C11901	MT-Propeller Entwicklung GmbH	MT 150 L 90-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	604	58.2	68.1	-

¹ Items so marked shall be included on EASA Form 45.



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2000 EA**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C11939	MT-Propeller Entwicklung GmbH	MT 150 L 90-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	63.5	72.6	-
C4670	MT-Propeller Entwicklung GmbH	MT 150 L 90-1A	Silencer : SF6000 With NSD 653C-71-S24	650	63.5	72.0	-

¹ See Note 1.



Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 C
Engine Manufacturer ¹	Limbach	Engine Type Designation ¹	L 2000 EA 1
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 6

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C11940	Hoffmann Propeller	HO-V62/L160T-10	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	59.0	69.0	-
C11941	Hoffmann Propeller	HO-V62R/L160T-10	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	59.0	69.0	-
C12251	Hoffmann Propeller	HO-11-A-150-B-90-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	650	59.8	68.7	-
C11920	Hoffmann Propeller	HO-V62/L160T-10	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	68.5	68.5	-
C11921	Hoffmann Propeller	HO-V62R/L160T-10	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	68.5	68.5	-
C11902	Hoffmann Propeller	HO-V62/L160T-10	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	604	68.1	68.1	-
C11903	Hoffmann Propeller	HO-V62R/L160T-10	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	604	68.1	68.1	-

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2000 EA 1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C4672	MT-Propeller Entwicklung GmbH	MT 150 L 90-1A	Silencer : SF6000 With NSD 653C-71-S24	650	63.5	72.0	-

¹ See Note 1.

Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 C
Engine Manufacturer ¹	Limbach	Engine Type Designation ¹	L 2000 EA 2
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 6

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4677	Hoffmann Propeller	HO-11()-150-B-75-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	650	56.1	68.7	-
C4673	Hoffmann Propeller	HO-11-A-150-B-75-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	650	56.1	68.7	-
C4680	Hoffmann Propeller	HO-11-A-150-B-90-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	650	59.8	68.7	-
C10627	MT-Propeller Entwicklung GmbH	MT 150 L 75-1()	none	650	68.7	68.7	1
C5523	MT-Propeller Entwicklung GmbH	MT 150 L 75-1A	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	650	56.1	68.7	-
C4681	MT-Propeller Entwicklung GmbH	MT 150 L 90-1A	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	650	59.8	68.7	-
C4678	Hoffmann Propeller	HO-11()-150-B-75-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	610	55.7	68.1	-
C4674	Hoffmann Propeller	HO-11-A-150-B-75-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	610	55.7	68.1	-
C4676	Hoffmann Propeller	HO-11-A-150-B-90-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	610	55.7	68.1	-
C8932	MT-Propeller Entwicklung GmbH	MT 150 L 75-1A	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	610	55.7	68.1	-

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2000 EA 2**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4682	MT-Propeller Entwicklung GmbH	MT 150 L 90-1A	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	610	58.9	68.1	-
C4679	Hoffmann Propeller	HO-11()-150-B-75-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	580	55.1	68.0	-
C4675	Hoffmann Propeller	HO-11-A-150-B-75-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	580	55.1	68.0	-
C10157	MT-Propeller Entwicklung GmbH	MT 150 L 75-1A	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	580	55.1	68.0	-
C4683	MT-Propeller Entwicklung GmbH	MT 150 L 90-1A	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	580	58.2	68.0	-

¹ Items so marked shall be included on EASA Form 45.



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C9302	Hoffmann Propeller	HO-11-AHM-165-130	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	63.3	73.0	3
C9293	Hoffmann Propeller	HO-11-AHM-165-130	EASA.A.C.11014 (Increase of MTOM)	690	73.0	73.0	3
C9305	MT-Propeller Entwicklung GmbH	MT 165 R 130-2A	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	63.3	73.0	3
C9296	MT-Propeller Entwicklung GmbH	MT 165 R 130-2A	EASA.A.C.11014 (Increase of MTOM)	690	73.0	73.0	3

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4703	Hoffmann Propeller	HO-11-AHM-165-130	none	650	52.1	68.7	2
C4706	MT-Propeller Entwicklung GmbH	MT 165 R 130-2A	none	650	52.1	68.7	2
C4704	Hoffmann Propeller	HO-11-AHM-165-130	none	610	50.8	68.1	2
C4707	MT-Propeller Entwicklung GmbH	MT 165 R 130-2A	none	610	50.8	68.1	2
C4705	Hoffmann Propeller	HO-11-AHM-165-130	none	580	50.4	68.0	2
C4708	MT-Propeller Entwicklung GmbH	MT 165 R 130-2A	none	580	50.4	68.0	2

¹ See Note 1.



Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 C
Engine Manufacturer ¹	BRP - Rotax GmbH & Co.KG	Engine Type Designation ¹	Rotax 912 A2
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 10 (10.4b)

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C11955	Hoffmann Propeller	HO-11-AHM-165-130	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	714	63.3	73.5	3
C11956	MT-Propeller Entwicklung GmbH	MT 165 R 130-2A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	714	63.3	73.5	3
C11957	MT-Propeller Entwicklung GmbH	MTV-1-A/L 175-05	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	714	62.4	73.5	3
C9303	Hoffmann Propeller	HO-11-AHM-165-130	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	63.3	73.0	3
C9294	Hoffmann Propeller	HO-11-AHM-165-130	EASA.A.C.11014 (Increase of MTOM)	690	73.0	73.0	3
C9306	MT-Propeller Entwicklung GmbH	MT 165 R 130-2A	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	63.3	73.0	3
C9297	MT-Propeller Entwicklung GmbH	MT 165 R 130-2A	EASA.A.C.11014 (Increase of MTOM)	690	73.0	73.0	3
C9308	MT-Propeller Entwicklung GmbH	MTV-1-A/175-05	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	62.4	73.0	3
C9299	MT-Propeller Entwicklung GmbH	MTV-1-A/175-05	EASA.A.C.11014 (Increase of MTOM)	690	62.4	73.0	3

¹ See Note 1.



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A2**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C11947	Hoffmann Propeller	HO-11-AHM-165-130	SF 25 C - Aend. 210 (Increased MTOM)	674	60.7	77.6	3
C11948	MT-Propeller Entwicklung GmbH	MT 165 R 130-2A	SF 25 C - Aend. 210 (Increased MTOM)	674	60.7	77.6	3
C11949	MT-Propeller Entwicklung GmbH	MTV-1-A/L 175-05	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	62.4	77.6	3
C161	MT-Propeller Entwicklung GmbH	MTV-1-A/175-05	none	650	62.4	77.1	3
C11928	MT-Propeller Entwicklung GmbH	MTV-1-A/L 175-05	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	68.4	76.8	3

¹ See Note 1.

Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 C
Engine Manufacturer ¹	BRP - Rotax GmbH & Co.KG	Engine Type Designation ¹	Rotax 912 A2
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 6

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C11926	Hoffmann Propeller	HO-11-AHM-165-130	SF 25 C - Aend. 210 (Increased MTOM)	634	50.8	68.5	2
C11927	MT-Propeller Entwicklung GmbH	MT 165 R 130-2A	SF 25 C - Aend. 210 (Increased MTOM)	634	50.8	68.5	2
C11908	Hoffmann Propeller	HO-11-AHM-165-130	SF 25 C - Aend. 210 (Increased MTOM)	604	50.4	68.1	2
C11909	MT-Propeller Entwicklung GmbH	MT 165 R 130-2A	SF 25 C - Aend. 210 (Increased MTOM)	604	50.4	68.1	2

¹ See Note 1.



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C9310	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/()175-05	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	68.4	73.0	3
C9301	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/()175-05	EASA.A.C.11014 (Increase of MTOM)	690	73.0	73.0	3

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C11950	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/()175-05	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	68.4	77.6	3
C11929	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/()175-05	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	68.4	76.8	3

¹ See Note 1.



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A4**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C9304	Hoffmann Propeller	HO-11-AHM-165-130	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	63.3	73.0	3
C9295	Hoffmann Propeller	HO-11-AHM-165-130	EASA.A.C.11014 (Increase of MTOM)	690	73.0	73.0	3
C9307	MT-Propeller Entwicklung GmbH	MT 165 R 130-2A	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	63.3	73.0	3
C9298	MT-Propeller Entwicklung GmbH	MT 165 R 130-2A	EASA.A.C.11014 (Increase of MTOM)	690	73.0	73.0	3
C9309	MT-Propeller Entwicklung GmbH	MTV-1-A/175-05	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	62.4	73.0	3
C9300	MT-Propeller Entwicklung GmbH	MTV-1-A/175-05	EASA.A.C.11014 (Increase of MTOM)	690	62.4	73.0	3

¹ See Note 1.



Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 C
Engine Manufacturer ¹	BRP - Rotax GmbH & Co.KG	Engine Type Designation ¹	Rotax 912 S2
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 10 (10.4b)

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C9321	MT-Propeller Entwicklung GmbH	MT 170 R 135-2A	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	73.0	73.0	3
C9313	MT-Propeller Entwicklung GmbH	MT 170 R 135-2A	EASA.A.C.11014 (Increase of MTOM)	690	73.0	73.0	3
C9323	MT-Propeller Entwicklung GmbH	MT 175 R 130-2A	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	62.4	73.0	3
C9315	MT-Propeller Entwicklung GmbH	MT 175 R 130-2A	EASA.A.C.11014 (Increase of MTOM)	690	73.0	73.0	3
C9318	MT-Propeller Entwicklung GmbH	MTV-1-A/175-05	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	62.4	73.0	3
C9311	MT-Propeller Entwicklung GmbH	MTV-1-A/175-05	EASA.A.C.11014 (Increase of MTOM)	690	62.4	73.0	3

¹ See Note 1.



Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 C
Engine Manufacturer ¹	BRP - Rotax GmbH & Co.KG	Engine Type Designation ¹	Rotax 912 S2
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 10 (10.4a)

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C11951	MT-Propeller Entwicklung GmbH	MT 170 R 135-2A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	62.4	77.6	3
C11952	MT-Propeller Entwicklung GmbH	MT 175 R 130-2A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	62.4	77.6	3
C11953	MT-Propeller Entwicklung GmbH	MTV-1-A/175-05	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	60.8	77.6	3
C11977	MT-Propeller Entwicklung GmbH	MT 170 R 135-2A	Silencer : SF6000 With NSD 653C-71-S24	650	62.4	77.1	3
C162	MT-Propeller Entwicklung GmbH	MTV-1-A/175-05	none	650	62.4	77.1	3

¹ See Note 1.



Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 C
Engine Manufacturer ¹	BRP - Rotax GmbH & Co.KG	Engine Type Designation ¹	Rotax 912 S3
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 10 (10.4b)

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C11958	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/()175-05	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	714	62.4	73.5	3
C9320	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/()175-05	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	62.4	73.0	3
C9312	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/()175-05	EASA.A.C.11014 (Increase of MTOM)	690	62.4	73.0	3

¹ See Note 1.



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 S3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C11954	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/()175-05	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	60.8	77.6	3
C4716	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/()175-05	Silencer : SF6000 With NSD 653C-71-S24	650	60.8	77.1	3

¹ See Note 1.



Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 C
Engine Manufacturer ¹	BRP - Rotax GmbH & Co.KG	Engine Type Designation ¹	Rotax 912 S4
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 10 (10.4b)

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C9322	MT-Propeller Entwicklung GmbH	MT 170 R 135-2A	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	73.0	73.0	3
C9314	MT-Propeller Entwicklung GmbH	MT 170 R 135-2A	EASA.A.C.11014 (Increase of MTOM)	690	73.0	73.0	3
C9324	MT-Propeller Entwicklung GmbH	MT 175 R 130-2A	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	62.4	73.0	3
C9316	MT-Propeller Entwicklung GmbH	MT 175 R 130-2A	EASA.A.C.11014 (Increase of MTOM)	690	73.0	73.0	3
C9319	MT-Propeller Entwicklung GmbH	MTV-1-A/175-05	EASA.A.C.11014 (Increase of MTOM) , Silencer : SF6000 With NSD 653C-71-S24	690	62.4	73.0	3

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 S4**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C9317	MT-Propeller Entwicklung GmbH	MTV-1-A/175-05	EASA.A.C.11014 (Increase of MTOM)	690	62.4		3

¹ See Note 1.

Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 C
Engine Manufacturer ¹	BRP - Rotax GmbH & Co.KG	Engine Type Designation ¹	Rotax 914 F3
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	5 Edition / Amendment 9
		Chapter ¹	10 (10.4b)

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C11960	Hoffmann Propeller	HO-V352F/170FQ+10	SF 25 C - Aend. 210 (Increased MTOM)	714	63.7	73.5	3
C11959	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/()175-05	SF 25 C - Aend. 210 (Increased MTOM)	714	64.1	73.5	3
C10233	Hoffmann Propeller	HO-V352F/170FQ+10	none	690	63.7	73.0	3
C10057	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/()175-05	none	690	64.1	73.0	3

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **Sauer Flugmotorenbau GmbH** Engine Type Designation¹ **S 2100-1-AS1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C11942	Hoffmann Propeller	HO-11-A-150-B-102-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	51.7	69.0	-
C11943	MT-Propeller Entwicklung GmbH	MT 150 L 102-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	51.7	69.0	-
C4718	Hoffmann Propeller	HO-11-A-150-B-102-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	650	51.7	68.7	-
C4721	MT-Propeller Entwicklung GmbH	MT 150 L 102-1A	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	650	51.7	68.7	-
C11922	Hoffmann Propeller	HO-11-A-150-B-102-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	51.7	68.5	-
C11923	MT-Propeller Entwicklung GmbH	MT 150 L 102-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	51.7	68.5	-
C4719	Hoffmann Propeller	HO-11-A-150-B-102-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	610	51.7	68.1	-
C4722	MT-Propeller Entwicklung GmbH	MT 150 L 102-1A	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	610	51.7	68.1	-
C11904	Hoffmann Propeller	HO-11-A-150-B-102-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	604	51.7	68.1	-
C11905	MT-Propeller Entwicklung GmbH	MT 150 L 102-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	604	51.7	68.1	-

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **Sauer Flugmotorenbau GmbH** Engine Type Designation¹ **S 2100-1-AS1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4720	Hoffmann Propeller	HO-11-A-150-B-102-L	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	580	51.7	68.0	-
C4723	MT-Propeller Entwicklung GmbH	MT 150 L 102-1A	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	580	51.7	68.0	-

¹ Items so marked shall be included on EASA Form 45.



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 C**

Engine Manufacturer¹ **Sauer Flugmotorenbau GmbH** Engine Type Designation¹ **S 2100-1-SS1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C11946	MT-Propeller Entwicklung GmbH	MTV-1(A)/L 160-03	SF 25 C - Aend. 210 (Increased MTOM)	674	54.0	69.0	-
C4730	MT-Propeller Entwicklung GmbH	MTV-1(A)/L 160-03	none	650	54.0	68.7	-

¹ See Note 1.



Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 C
Engine Manufacturer ¹	Sauer Flugmotorenbau GmbH	Engine Type Designation ¹	SA 2100 H1S
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 6

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C11944	Hoffmann Propeller	HO-11-A-150-B-102-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	51.7	69.0	-
C11945	MT-Propeller Entwicklung GmbH	MT 150 L 102-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	51.7	69.0	-
C11924	Hoffmann Propeller	HO-11-A-150-B-102-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	51.7	68.5	-
C11925	MT-Propeller Entwicklung GmbH	MT 150 L 102-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	51.7	68.5	-
C11906	Hoffmann Propeller	HO-11-A-150-B-102-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	604	51.7	68.1	-
C11907	MT-Propeller Entwicklung GmbH	MT 150 L 102-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	604	51.7	68.1	-

¹ See Note 1.



Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 C
Engine Manufacturer ¹	Limbach	Engine Type Designation ¹	SL 1700 EA
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 6

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C11930	Hoffmann Propeller	HO-11()-150-B-65-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	58.1	69.0	-
C11932	Hoffmann Propeller	HO-11()-150-B-75-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	58.1	69.0	-
C11931	MT-Propeller Entwicklung GmbH	MT 150 L 65-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	58.1	69.0	-
C11933	MT-Propeller Entwicklung GmbH	MT 150 L 75-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	674	58.1	69.0	-
C11910	Hoffmann Propeller	HO-11()-150-B-65-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	57.8	68.5	-
C11912	Hoffmann Propeller	HO-11()-150-B-75-L	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	57.8	68.5	-
C11911	MT-Propeller Entwicklung GmbH	MT 150 L 65-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	57.8	68.5	-
C11913	MT-Propeller Entwicklung GmbH	MT 150 L 75-1A	SF 25 C - Aend. 210 (Increased MTOM) , Silencer : Scheibe 653C-71-S24 According to TM 653-4/76 (Change 64 + 65)	634	57.8	68.5	-

¹ See Note 1.



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 D**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 1700 EA 2**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C9277	Hoffmann Propeller	HO-11-A-150-B-70-L	none	580	57.1	68.0	-
C4732	Hoffmann Propeller	HO-11-A-150-B-75-L	none	580	58.2	68.0	-
C9278	MT-Propeller Entwicklung GmbH	MT 150 L 70-1A	none	580	57.1	68.0	-
C4733	MT-Propeller Entwicklung GmbH	MT 150 L 75-1A	none	580	58.2	68.0	-

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 E**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2000 EA 1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C9279	Hoffmann Propeller	HO-V62-R-L160T-10	Silencer : 653C-71-S24 According to TM 653-4/76 (Change 16 + 17)	650	59.0	68.7	-

¹ See Note 1.



Type Certificate Holder ¹	Scheibe Aircraft GmbH	Aircraft Type Designation ¹	SF 25 E
Engine Manufacturer ¹	Limbach	Engine Type Designation ¹	SL 1700 EA 1
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 6

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C8840	Hoffmann Propeller	HO-V62-R-L150A	none	650	67.1	68.7	1

¹ See Note 1.



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 K**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 1700 EA 1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C11985	Hoffmann Propeller	HO-11-A-150-B-70-L	none	630	59.4	68.4	-

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 25 K**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 1700 EA 2**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C13709	Hoffmann Propeller	HO-11-A-150-B-70-L	none	630	59.4	68.4	-

¹ See Note 1.

Type Certificate Holder	Scheibe Aircraft GmbH	Aircraft Type Designation	SF 28 A
Engine Manufacturer	Limbach	Engine Type Designation	L 1700 EA 1
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter 6

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Overflight dB(A)		See Note
					Level	Limit	
C5051	Hoffmann Propeller	HO-V62-L150A	Mod. 28; Mod. 29 (Weight increase and limitation of MCP to 2800 rpm.)	610	59.1	68.1	1
C9828	Hoffmann Propeller	HO-V62-R-L150A	Mod. 28; Mod. 29 (Weight increase and limitation of MCP to 2800 rpm.)	610	59.1	68.1	1
C4739	Hoffmann Propeller	HO-V62-L150A	none	590	67.7	68.0	1
C4740	Hoffmann Propeller	HO-V62-R-L150A	none	590	67.7	68.0	1



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 36 A**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2000 EA 1.B**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4745	Hoffmann Propeller	HO-V62-R-L160T-10	none	725	59.5	69.7	-
C4746	Hoffmann Propeller	HO-V62-R-L160T-10	none	715	59.5	69.5	-

¹ See Note 1.



Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 36 A**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2000 EE 1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4747	Hoffmann Propeller	HO-V62-R-L160T-10	none	725	59.5	69.7	-
C4748	Hoffmann Propeller	HO-V62-R-L160T-10	none	715	59.5	69.5	-

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 36 A**

Engine Manufacturer¹ **Sauer Flugmotorenbau GmbH** Engine Type Designation¹ **S 2500-1-TS1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C181	Hoffmann Propeller	HO-V62-R-L160BT	none	725	71.5	73.7	-
C180	Hoffmann Propeller	HO-V62-R-L160BT	none	715	71.5	73.5	-

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 36 A**

Engine Manufacturer¹ **Sauer Flugmotorenbau GmbH** Engine Type Designation¹ **ST 2500-H1S**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C179	Hoffmann Propeller	HO-V62-R-L160BT	none	725	71.5	73.7	-
C177	Hoffmann Propeller	HO-V62-R-L160BT	none	715	71.5	73.5	-

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 36 R**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A2**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C176	Hoffmann Propeller	HO-V62HS-170FA	Silencer : Scheibe 653C-71-S24	725	67.9	73.7	3
C9272	Hoffmann Propeller	HO-V62-R-170FA	Silencer : Scheibe 653C-71-S24	725	67.9	73.7	3

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 36 R**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A2**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C159	Hoffmann Propeller	HO-V62HS-170FA	Silencer : Scheibe 653C-71-S24	715	67.9	78.5	3
C9273	Hoffmann Propeller	HO-V62-R-170FA	Silencer : Scheibe 653C-71-S24	715	67.9	78.5	3

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 36 R**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C158	Hoffmann Propeller	HO-V62HS-170FA	Silencer : Scheibe 653C-71-S24	725	67.9	73.7	3
C9274	Hoffmann Propeller	HO-V62-R-170FA	Silencer : Scheibe 653C-71-S24	725	67.9	73.7	3

¹ See Note 1.

Type Certificate Holder¹ **Scheibe Aircraft GmbH** Aircraft Type Designation¹ **SF 36 R**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C157	Hoffmann Propeller	HO-V62HS-170FA	Silencer : Scheibe 653C-71-S24	715	67.9	78.5	3
C9275	Hoffmann Propeller	HO-V62-R-170FA	Silencer : Scheibe 653C-71-S24	715	67.9	78.5	3

¹ See Note 1.

TCDSN EASA.A.098 Notes

1. Items so marked shall be included on EASA Form 45.
2. This aircraft type conforms 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, by virtue of the date of type certification. However individual examples of this type which were first issued with a certificate of airworthiness on or after 1 January 1980 are required to demonstrate compliance with the Standards of ICAO Annex 16, Volume I, Chapter 6.
3. Also applicable to engines with the designation suffix -01

Change Record

Issue	Date	Changes
Issue 1	08 January 2007	Initial Issue
Issue 2	06 June 2007	Revised
Issue 3	19 January 2011	Revised
Issue 4	29 November 2011	Records C4636, C4642 and C4646 propeller designation harmonized; Records C4639 and C4640 deleted
Issue 5	18 January 2012	Added record C10627
Issue 6	20 May 2014	Records C11898 - C11960, C11977 and C11985 added.
Issue 7	22 June 2015	Revised
Issue 8	14 January 2016	EASA TCDSN No A.098, A.107 and A.578 merged
Issue 9	15 June 2018	Revised

-END-

