



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.603

for

TOP powered sailplanes

Type Certificate Holder:

Fiberglas-Technik Rudolf Lindner GmbH & Co.KG

Steige 3

D-88487 Walpertshofen

GERMANY

For models:

ASW 20 B TOP

ASW 20 BL TOP

ASW 20 C TOP

ASW 20 CL TOP

ASW 20 L TOP

ASW 20 TOP

ASW 24 TOP

Astir CS Jeans TOP

Astir CS TOP

Astir CS 77 TOP

Standard Cirrus B TOP

Standard Cirrus TOP



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Type Certificate Holder¹ **Fiberglas-Technik Rudolf Lindner GmbH & Co.KG** Aircraft Type Designation¹ **ASW 20 B TOP**

Engine Manufacturer¹ **Fischer + Entwicklungen GmbH & Co.KG** Engine Type Designation¹ **TOP F1-600**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C240	Fischer + Entwicklungen GmbH & Co.KG	TOP F1-600	None	414	56.9	68.0	-

¹ See Note 1.



Type Certificate Holder¹ **Fiberglas-Technik Rudolf Lindner GmbH & Co.KG** Aircraft Type Designation¹ **ASW 20 BL TOP**

Engine Manufacturer¹ **Fischer + Entwicklungen GmbH & Co.KG** Engine Type Designation¹ **TOP F1-600**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C241	Fischer + Entwicklungen GmbH & Co.KG	TOP F1-600	None	414	56.9	68.0	-

¹ See Note 1.



Type Certificate Holder¹ **Fiberglas-Technik Rudolf Lindner GmbH & Co.KG** Aircraft Type Designation¹ **ASW 20 C TOP**

Engine Manufacturer¹ **Fischer + Entwicklungen GmbH & Co.KG** Engine Type Designation¹ **TOP F1-600**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C242	Fischer + Entwicklungen GmbH & Co.KG	TOP F1-600	None	414	56.9	68.0	-

¹ See Note 1.



Type Certificate Holder¹ **Fiberglas-Technik Rudolf Lindner GmbH & Co.KG** Aircraft Type Designation¹ **ASW 20 CL TOP**

Engine Manufacturer¹ **Fischer + Entwicklungen GmbH & Co.KG** Engine Type Designation¹ **TOP F1-600**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C243	Fischer + Entwicklungen GmbH & Co.KG	TOP F1-600	None	414	56.9	68.0	-

¹ See Note 1.



Type Certificate Holder¹ **Fiberglas-Technik Rudolf Lindner GmbH & Co.KG** Aircraft Type Designation¹ **ASW 20 L TOP**

Engine Manufacturer¹ **Fischer + Entwicklungen GmbH & Co.KG** Engine Type Designation¹ **TOP F1-600**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C244	Fischer + Entwicklungen GmbH & Co.KG	TOP F1-600	None	407	56.8	68.0	-

¹ See Note 1.



Type Certificate Holder¹ **Fiberglas-Technik Rudolf Lindner GmbH & Co.KG** Aircraft Type Designation¹ **ASW 20 TOP**

Engine Manufacturer¹ **Fischer + Entwicklungen GmbH & Co.KG** Engine Type Designation¹ **TOP F1-600**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C239	Fischer + Entwicklungen GmbH & Co.KG	TOP F1-600	None	407	56.8	68.0	-

¹ See Note 1.



Type Certificate Holder¹ **Fiberglas-Technik Rudolf Lindner GmbH & Co.KG** Aircraft Type Designation¹ **ASW 24 TOP**

Engine Manufacturer¹ **Fischer + Entwicklungen GmbH & Co.KG** Engine Type Designation¹ **ASW 24 TOP**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C259	Fischer + Entwicklungen GmbH & Co.KG	TOP F1-600	None	415	58.5	68.0	-

¹ See Note 1.



Type Certificate Holder¹ **Fiberglas-Technik Rudolf Lindner GmbH & Co.KG** Aircraft Type Designation¹ **Astir CS Jeans TOP**

Engine Manufacturer¹ **Fischer + Entwicklungen GmbH & Co.KG** Engine Type Designation¹ **TOP F1-600**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C2342	Fischer + Entwicklungen GmbH & Co.KG	TOP F1-600	None	420	63.0	76.0	-

¹ See Note 1.



Type Certificate Holder¹ **Fiberglas-Technik Rudolf Lindner GmbH & Co.KG** Aircraft Type Designation¹ **Astir CS TOP**

Engine Manufacturer¹ **Fischer + Entwicklungen GmbH & Co.KG** Engine Type Designation¹ **TOP F1-600**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C2344	Fischer + Entwicklungen GmbH & Co.KG	TOP F1-600	None	425	63.0	76.0	-

¹ See Note 1.



Type Certificate Holder¹ **Fiberglas-Technik Rudolf Lindner GmbH & Co.KG** Aircraft Type Designation¹ **Astir CS 77 TOP**

Engine Manufacturer¹ **Fischer + Entwicklungen GmbH & Co.KG** Engine Type Designation¹ **TOP F1-600**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C2346	Fischer + Entwicklungen GmbH & Co.KG	TOP F1-600	None	425	63.0	76.0	-

¹ See Note 1.



Type Certificate Holder¹ **Fiberglas-Technik Rudolf Lindner GmbH & Co.KG** Aircraft Type Designation¹ **Standard Cirrus B TOP**

Engine Manufacturer¹ **Fischer + Entwicklungen GmbH & Co.KG** Engine Type Designation¹ **TOP F1-600**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4790	Fischer + Entwicklungen GmbH & Co.KG	TOP F1-600	None	375	59.6	68.0	-

¹ See Note 1.



Type Certificate Holder¹ **Fiberglas-Technik Rudolf Lindner GmbH & Co.KG** Aircraft Type Designation¹ **Standard Cirrus TOP**

Engine Manufacturer¹ **Fischer + Entwicklungen GmbH & Co.KG** Engine Type Designation¹ **TOP F1-600**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4791	Fischer + Entwicklungen GmbH & Co.KG	TOP F1-600	None	375	59.6	68.0	-

¹ See Note 1.



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.A.603 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
01	27 January 2023	Initial Issue

