

# Summary of Airworthiness Directives (AD) and Technical Notes (TN)

**ALEXANDER SCHLEICHER**

GMBH & CO

Segelflugzeugbau

D-36163 Poppenhausen

Type: **ASW 27**

Data Sheet No.: **EASA.A.220 (previously 389)**

Sheet: **1 of 3**

License: **DE.21G.0010**

TN-No.	AD-No. Date of Issue	TN Date of Issue	Affected Production Series and Serial No.'s	Subject	Compliance	Inspector's stamp
<b>1</b>	/	<b>02.10.97</b> LBA-appr.: 20.10.97	All sailplanes ASW 27, S-No. 27069 & 27070 & and serial version as off 27072	Improvement of the crashworthiness and weight reduction of the fuselage	---	
<b>2</b>	/	<b>11.01.99</b> LBA-appr.: 07.09.99	all ASW 27 optional mod	Wings with integrated (wet inner surface) water ballast tanks	None, optional on customer's request for new production or for replacement of a whole set of wings	
<b>3</b>	/	<b>01.03.99</b> ACG-appr.: 08.03.99	all ASW 27 by approval in Austria	Musteranerkennung in Österreich	Text not in English !	
<b>4</b>	/	<b>15.04.99</b> LBA-appr.: 19.05.99	all ASW 27 as off S/N 27119 serial version, optional mod all other	New winglets	optional mod only	
<b>5</b>	<b>1999 - 283</b> <b>09.09.99</b>	<b>16.07.99</b> LBA-appr.: 22.07.99	all ASW 27 S/N 27002 through 27104	Check of control circuit clearance inside the fuselage tail boom to fin intersection.	until 31.10.1999	
<b>6</b>	<b>2000 - 305</b> <b>05.10.2000</b>	<b>16.05.00</b> LBA-appr.: 17.05.00	all ASW 27 S/N 27105 and serial version as off S/N 27119, optional mod all other	A) Product improvement B) Change and amendments to the Flight and Maintenance Manuals	ad A) None, upgrade when the fuselage wb-valve needs exchange, serial version in new production sailplanes ad B) For next annual inspection however prior to 31 December 2000	
<b>7</b>	/	<b>20.11.01</b> LBA-appr.: 12.12.01	ASW 27 S/N 27168, 27169, 27171, 27173 & optional as off S/N 27174	Installation of a fin (tail) water ballast tank	None, optional on customer's request for new production or for ASW 27 B replacement of a complete fuselage or new vertical tail fin	

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<b>8</b>	/	<b>11.02.02</b> LBA-appr.: 21.03.02	all ASW 27 S/N. 27163 and from S/N 27178 onwards optional for new production	A) Electric supply by solar cells, installed on top of the fuselage behind the canopy B) Gate valves for water ballast in the fuselage instead of the valves inside the wings C) Use of "Leight Weight" parts in the fuselage D) The in flight back rest position adjustment is replaced by a lighter system adjustable before take-off The modifications according to position A) through D) can be performed independently from each other.	None, optional on customer's request	
<b>9</b>	<b>2002 - 086</b> <b>07.03.2002</b>	<b>26.02.02</b> LBA-appr.: 27.02.02	ASW 27 S/N 27105, 27109, 27110, 27113, 27115, 27116 and 27119 through 27177; serial as off 27178, from S/N 27001 on, if both wings are replaced according to TN-no. 2	Wings with integrated (wet inner surface) water ballast tanks. Correction of the forward empty weight c.g. - limits.	1) Prior to next flight: Installation of a warning placard. 2) Within 14 days: Amend pages to the Manuals. 3) For the next annual inspection: Check forward empty weight c.g.	
<b>10</b>	/	<b>18.10.06</b> EASA-appr.: 13.11.06	all ASW 27	Modification of the landing gear	optional standard on new production and replacement	
<b>11</b>	/	<b>26.06.07</b> EASA-appr.: 11.07.07	all ASW 27	Relocation of aerotow hook to the fuselage nose	None, optional retrofit	
<b>12</b>	/	<b>31.01.08</b> EASA-appr.: 29.01.08	all ASW 27	Installation of transponder antennas behind or sideways of the landing gear	none, optional on customer's request	
<b>13</b>	/	<b>30.01.09</b> EASA-appr.: 16.03.09	all ASW 27	Installation of a PCB-transponder antenna in the vertical tail.	none, optional on customer's request, primarily on new production	
<b>14</b>	/	<b>01.03.11</b> EASA-appr.: 01.04.11	all ASW 27	Installation of a strobe light in the nose of the vertical fin	none, optional on customer's request	
<b>15</b>	/	<b>01.03.11</b> EASA-appr.: 23.03.11	all ASW 27	Installation of a cockpit vent behind the canopy frame	none, optional on customer's request	

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<b>16</b>				intentionally left blank		
<b>17</b>	/	<b>20.11.15</b> EASA-appr.: 18.04.16	all ASW 27	A) Installation of a tail wheel cover B) Installation of covers on the rudder C) >>> ASW 27 not affected D) >>> ASW 27 not affected	none, optional on customer's request	
<b>18</b>	/	<b>01.02.17</b> EASA-appr.: 08.02.18	all ASW 27	Alternative hydraulic wheel brake system	none, optional on customer's request	
<b>19</b>	/	<b>01.11.17</b> EASA-appr.: 21.12.17	all ASW 27	Manual Correction	by the next annual C of A inspection at the latest	
<b>20</b>	/	<b>07.11.19</b> EASA-appr.: 18.08.11	all ASW 27	Alternative rim for main wheel	none, optional on customer's request	
<b>21</b>	/	<b>03.04.20</b> EASA-appr.: 07.09.20	all ASW 27	Specification of service life limitations for the brake hoses of the hydraulic wheel brake	none, optional on customer's request	