

**GLIDER DATA TABLE (metric)**

<b>Name with designer/constructor</b>	<b>Year</b>	<b>Span (m)</b>	<b>Wing Area (m<sup>2</sup>)</b>	<b>Aspect Ratio</b>	<b>Empty Weight (kg)</b>	<b>Flying Weight (kg)</b>	<b>Ballast Capacity (kg)</b>	<b>Wing Loading (kg/m<sup>2</sup>)</b>	<b>Best Glide Ratio (km/h)</b>	<b>Best Sink m/s (at km/h)</b>	<b>Max. Speed (km/h)</b>	<b>Aerofoil</b>
Austria (Kupper)	1930	30	34.97	25.7	364	482.4		13.8				
ASW-12 (see below)	1968	18.3	13	25.8	320	430	—	31.8/33.10	47/90	0.48/70	200	Wortman 62 K131
ASW-17	1971	20	14.7	27.2	405	570	100	32/39	48/62	0.52	240	
Bowlus Baby Albatross	1932	13.6	13.9	13.2	114	226	—	16.2	20/54	0.69	105	Go 535
Breguet 901	1954	17.3	15	20	230	415	—	28	35/80	0.65/70	220	NACA 63
Dart 17R (Slingsby)	1964	17	13.9	20.4	248	355	—	26.6	35/83	0.64/70	—	NACA 643 618
Fafnir (Lippisch)	1930	19	18.6	19.4	200	280	—	16.6	25	0.76	—	Go 652/535
Foka SZD.24 (Schneider)	1959	15	12.16	18.5	225	312	—	25.7	34/86	0.66/75	260	63-618-4415
Grunau Baby	1933	13.57	14.2	13	170	250	—	17.68	17/60	0.85/55	150	Go 535
Gull I (Slingsby)	1938	15.3	14.86	15.8	172	284	—	19.1	24/67	0.72/59	129	NACA 4416
Hjordis (Buxton)	1935	15.55	11.5	21	141	216	—	20.1	24	0.6/56	—	Go 652
HKS-1 (Haase/Kensche/Schmedt)	1953	19	18.3	19.7	300	520	—	28.4	37.2/80	0.56/72	200	65 215 714
HP-11 (Schreder)	1962	15.85	9.64	26	182	295	—	30.6	37/89	0.55/80	—	NACA 65-3-618
KA-6 (Schleicher)	1955	15	12.4	18.1	185	300	—	24.2	29/78	0.68/67	—	63-618 Joule 12%
Libelle Std. (Glasflugel)	1967	15	9.8	23	185	350	50	35.7	38/85	0.6/75	250	Wortman
Meise/Olympia (Jacobs)	1938	15	15	15	165	290	—	17	25/70	0.67/60	—	Go 549
Meteor (Obad/Ikarus)	1956	20	16	25	405	505	—	31.5	42/90	0.6/77	250	632 616.5
Minimoa (Hirth)	1935	17	19.5	16	200	298	—	15.3	26/72	0.6	—	Go 535
MU-13 Atalanta (Schmidt)	1936	16	16.5	15.5	145	235	—	14.25	24/60	0.58/45	—	
Nimbus II (Holighaus)	1971	20.3	14.4	28.6	340	530	60/120	37	49/90	0.48/75	220	Wortman
Phoebus C	1967	17	14.06	20.6	269	363	—	25.8	40/90	0.5/80	200	Eppler 403
Phoenix (Nagle/Eppler)	1957	16	14.36	17.83	165	265	—	18.5	37/80	0.53/69	—	
PIK-20 c (Eiri-Avion)	1973	15	10	22.5	210	450	140	28/45	42/117	0.69/92	262	Wortman
Schweizer 1.26	1954	12.2	14.9	10	161	230	—	17.5	23/79	0.82/56	185	NACA 43012 A
Schwarzer Teufel	1920	9.2	15	5.6	61	136	—	9	—	—	—	
Sigma (Operation Sigma)	1969	21	12.2/16.4	36.2/26.8	606	710	—	58/43	45/115	0.52/76	206/139	mod Wortman

Skylark 3 (Slingsby)	1955	18	16.1	20.5	253	375	—	22.2	32/74	0.56/65	200	NACA 633-620
Stakhanovetz (KIM 3)	1935	20.2	23	17	294	454	—	19	27/75	0.6	—	
Vampyr	1921	12.6	16	10	120	195	—	12.2	14	0.7	—	
Weihe (Jacobs)	1938	18	18.2	17.8	195	335	—	18.4	29/76	0.58/76	210	Go 549
Wien (Lippisch)	1929	19.1	18.6	19.5	—	248	—	13.3	—	—	—	Go 549 mod
Windspiel D-28 (Akaflieg)	1933	12	11.4	12.6	55	136	—	11.92	23	—	180	Go 535
<b>Motor Glider</b>												
Scheibe SF 27m	1967	15	11.96	18.7	261	386	—	31.3	30	0.7	158	
Scheibe SF 27m	1968	15.3	17.5	13.4	375	580	—	30	19/70	1/75	180	
<b>Hang gliders</b>												
Birdman Cherokee	1979	10.06	18.58	5.44	25	105	—	5.65	8	—	—	
Gryphon III	1977	9.8	15.2	7	23	82	—	5.39	10	—	0.76	
Sirocco 2	1978	10.6	17.1	—	24.4	106	—	6.2	9	—	—	
Pelzner	1920	5.4	14.2	—	8.1	—	—	6.47	6	—	—	
<b>Manpowered Aircraft</b>												
Gossamer Albatross (MacCready)	1979	28.6	44	18.6	31.7	97.5	—	2.19	—	—	—	Lissaman 7776
<b>Birds</b>												
Condor	—	3	1.14	7.9	—	11.7	—	10.26	—	—	—	
Gannet	—	1.83	0.25	16	—	3.2	—	12.8	—	—	—	
Gull	—	1.28	0.16	10	—	0.91	—	5.68	—	—	—	
Swan	—	2.43	0.62	9.5	—	12.3	—	19.8	—	—	—	

ASW is Alexander Schleicher/ Waibel