

SKYLAUNCH SUGGESTED THROTTLE GUIDE SETTING CHART

WARNINGS

THIS SETTING CHART IS APPROXIMATE AND SHOULD BE TREATED AS A GUIDE ONLY

ALWAYS TAKE ACCOUNT OF PILOT INSTRUCTION/ FEEDBACK WHEN CHOOSING SETTINGS

ALWAYS TAKE CARE IN VARIABLE WEATHER CONDITIONS – INCLUDING CROSS-WINDS

ALTITUDE OF AIRFIELD AND AMBIENT TEMPERATURE WILL ALSO VARY POWER REQUIREMENTS

WEAK LINKS (all values are ±10%)

BLACK - No 1 1000 daN = 2248 lbs
 BROWN - No 2 850 daN = 1911 lbs
 RED - No 3 750 daN = 1686 lbs
 BLUE - No 4 600 daN = 1349 lbs
 WHITE - No 5 500 daN = 1124 lbs

The throttle guide setting should be pre-set for the headwind component at the launch point. The throttle will have to be adjusted accordingly during the launch with respect to wind conditions and pilot behaviour. The airspeed of the glider often initially exceeds the suggested speed until the glider is in the full climb. If any airspeed or cable tension indicators are fitted, they must not be referred to until the glider is established in the full climb.

NOTE: Unless specified otherwise, guide settings are based on pure gliders without water ballast. When launching sustainers/self-launchers or gliders with water ballast, extra power may be needed - typically 1 notch for sustainers/self-launchers or 50-100 litres of water.

NOTE: Guide settings are based on LPG (propane) engines. For smaller / larger engines or other fuel types the settings will need calibrating for each airfield of operation.

GLIDER TYPE	WEAK LINK	MAX TAKE-OFF WEIGHT	SUGGESTED LAUNCH SPEED IN FULL CLIMB	MAX WINCH LAUNCHING SPEED	SUGGESTED THROTTLE GUIDE SETTING
2G	BLUE	350 kg	40-43 kts (75-80 km/h)	43 kts (80 km/h)	F-
AC4C	WHITE	265 kg	55 kts (100 km/h)	60 kts (110 km/h)	F
ARCUS	BLACK	750 kg	65 kts (120 km/h)	81 kts (150 km/h)	A+
AS33	BROWN	600 kg	65 kts (120 km/h)	75 kts (140 km/h)	C
ASG29	BROWN	550-600 kg	65 kts (120 km/h)	75 kts (140 km/h)	C
ASG32	BLACK	850 kg	65 kts (120 km/h)	75 kts (140 km/h)	A+
ASH25	BROWN	680-750 kg	65 kts (120 km/h)	70 kts (130 km/h)	A+
ASH26	RED	525 kg	65 kts (120 km/h)	70 kts (130 km/h)	C
ASH30	BLACK	850 kg	65 kts (120 km/h)	70 kts (130 km/h)	A+
ASH31	BROWN	630-700 kg	65 kts (120 km/h)	70 kts (130 km/h)	B
ASK13	BLACK	529 kg	55 kts (100 km/h)	58 kts (107 km/h)	C
ASK13	BROWN	529 kg	55-60 kts (100-110 km/h)	65 kts (120 km/h)	C
ASK18	BLUE	335 kg	55 kts (100 km/h)	59 kts (110 km/h)	E
ASK21	BLACK	600 kg	60-65 kts (110-120 km/h)	81 kts (150 km/h)	A
ASK23	BLUE	360-380 kg	60 kts (110 km/h)	67 kts (125 km/h)	D-
ASW15	BLUE	318 kg	55-59 kts (100-110 km/h)	59 kts (110 km/h)	E
ASW15B	BLUE	340-408 kg	55-60 kts (100-110 km/h)	65 kts (120 km/h)	E+
ASW17	RED	610 kg	60 kts (110 km/h)	65 kts (120 km/h)	B-
ASW19	WHITE	380-454 kg	55-60 kts (100-110 km/h)	67 kts (125 km/h)	D-
ASW19B	BLUE	380-454 kg	60 kts (110 km/h)	67 kts (125 km/h)	D-
ASW20 & ASW20C	BLUE	380-454 kg	60 kts (110 km/h)	65 kts (120 km/h)	D
ASW20B	BLUE	430-525 kg	60-65 kts (110-120 km/h)	70 kts (130 km/h)	D
ASW22	BROWN	650-750 kg	65 kts (120 km/h)	75 kts (140 km/h)	A-
ASW24	BLUE	365-500 kg	65 kts (120 km/h)	75 kts (140 km/h)	D+
ASW27	BLUE	395-500 kg	65 kts (120 km/h)	70 kts (130 km/h)	D+
ASW28	BLUE	380-525 kg	65 kts (120 km/h)	75 kts (140 km/h)	D+

GLIDER TYPE	WEAK LINK	MAX TAKE-OFF WEIGHT	SUGGESTED LAUNCH SPEED IN FULL CLIMB	MAX WINCH LAUNCHING SPEED	SUGGESTED THROTTLE GUIDE SETTING
ASW28-18	RED	409-575 kg	65 kts (120 km/h)	75 kts (140 km/h)	D+
AUSTRIA STD	BLUE	323 kg	55 kts (100 km/h)	61 kts (113 km/h)	E
BERGFALKE 2	BROWN	440 kg	45 kts (85 km/h)	46 kts (85 km/h)	E
BERGFALKE 3	BLACK	465 kg	50 kts (95 km/h)	52 kts (95 km/h)	D
BERGFALKE 4	BROWN	505 kg	55 kts (100 km/h)	59 kts (110 km/h)	C
BG135	BLUE	297 kg	55-60 kts (100-110 km/h)	65 kts (120 km/h)	E
BIJAVE	BLUE	500 kg	50-54 kts (95-100 km/h)	54 kts (100 km/h)	D
BLANIK L13	BLUE	500 kg	55 kts (100 km/h)	65 kts (120 km/h)	C
BLANIK L23 (SUPER)	BLUE	510 kg	55 kts (100 km/h)	65 kts (120 km/h)	C+
BOCIAN 1D	BLACK	539 kg	50-54 kts (95-100 km/h)	54 kts (100 km/h)	C
BOCIAN 1E	BLACK	539 kg	55-60 kts (100-110 km/h)	62 kts (114 km/h)	B
CAPRONI A21	BLUE	644 kg	60 kts (110 km/h)	70 kts (130 km/h)	B
CAPSTAN (C of G hook)	RED	567 kg	55-60 kts (100-110 km/h)	66 kts (122 km/h)	B
CAPSTAN (compromise hook)	BLUE	567 kg	55-60 kts (100-110 km/h)	66 kts (122 km/h)	D+
CARMAN JP15	BLUE	335-390 kg	55-60 kts (100-110 km/h)	60 kts (110 km/h)	E
CIRRUS (OPEN)	BROWN	400-460 kg	55-59 kts (100-110 km/h)	59 kts (110 km/h)	C-
CIRRUS (STD)	BLUE	330-390 kg	60 kts (110 km/h)	65 kts (120 km/h)	E+
COBRA	RED	385 kg	55-59 kts (100-110 km/h)	59 kts (110 km/h)	E+ (C of G hook) E- (compromise hook)
CONDOR 4	BLACK	520 kg	55 kts (100 km/h)		D-
CUMULUS	WHITE	250 kg	40-43 kts (75-80 km/h)	43 kts (80 km/h)	F
DART	BLUE	354-372 kg	60 kts (110 km/h)	71 kts (131 km/h)	E+ (C of G hook) E- (compromise hook)
DELPHIN	BLUE	325 kg	50-53 kts (95-98 km/h)	53 kts (98 km/h)	E-
DG 100/200/300	BLUE	385-525 kg	60-65 kts (110-120 km/h)	70 kts (130 km/h)	D
DG 400 (self-launch)	BLUE	460 kg	65 kts (120 km/h)	70 kts (130 km/h)	C
DG 500/505	BLACK	615-750 kg	65 kts (120 km/h)	76 kts (140 km/h)	A+
DG 600	BLUE	440-525 kg	65 kts (120 km/h)	81 kts (150 km/h)	D+
DG 800S	BLUE	525 kg	65 kts (120 km/h)	81 kts (150 km/h)	D+
DG1000	BLACK	750 kg	65 kts (120 km/h)	81 kts (150 km/h)	A+
DIAMANT 16.5	BROWN	390-408 kg	60 kts (110 km/h)	65 kts (120 km/h)	C
DIAMANT 18	BROWN	408-440 kg	60 kts (110 km/h)	81 kts (150 km/h)	C
DISCUS A/B	BLUE	380-525 kg	65 kts (120 km/h)	81 kts (150 km/h)	D+
DISCUS 2 A/B	BLUE	370-525 kg	65 kts (120 km/h)	81 kts (150 km/h)	D+
DISCUS 2C	RED	525-565 kg	65 kts (120 km/h)	81 kts (150 km/h)	C
DUO DISCUS	BROWN	660-750 kg	65 kts (120 km/h)	81 kts (150 km/h)	A+
EAGLE	BLUE	612 kg	55 kts (100 km/h)	70 kts (130 km/h)	C
ELFE S2	WHITE	350 kg	50-54 kts (95-100 km/h)	54 kts (100 km/h)	E-
EON BABY	WHITE	277 kg	45-48 kts (85-89 km/h)	48 kts (89 km/h)	F-
FALCON	WHITE	363 kg	45 kts (85 km/h)	70 kts (130 km/h)	F-
FAUVEL AV36	WHITE	225 kg	50 kts (95 km/h)	54 kts (100 km/h)	E
FAUVETTE	BLUE	272 kg	50 kts (95 km/h)	52 kts (96 km/h)	E
FOKA 3	BLUE	360 kg	55-60 kts (100-110 km/h)	61 kts (113 km/h)	E+ (C of G hook)
FOKA 4	BLUE	385 kg	55-60 kts (100-110 km/h)	65 kts (120 km/h)	E- (compromise hook)
FOKA 5	BLUE	385 kg	55-60 kts (100-110 km/h)	65 kts (120 km/h)	E- (compromise hook)
FOX	RED	530 kg	65-70 kts (120-130 km/h)	81 kts (150 km/h)	A

GLIDER TYPE	WEAK LINK	MAX TAKE-OFF WEIGHT	SUGGESTED LAUNCH SPEED IN FULL CLIMB	MAX WINCH LAUNCHING SPEED	SUGGESTED THROTTLE GUIDE SETTING
GEIER II	RED	359 kg	50 kts (95 km/h)	54 kts (100 km/h)	E-
GLASFLUGEL 304	BLUE	450 kg	65 kts (120 km/h)	81 kts (150 km/h)	D+
GLASFLUGEL 604	BROWN	650 kg	60-65 kts (110-120 km/h)	70 kts (130 km/h)	B
GOEVIER III	BLACK	410 kg	40-43 kts (75-80 km/h)	43 kts (80 km/h)	F
GROB SINGLE ASTIR	BLUE	380-515 kg	60-65 kts (110-120 km/h)	65 kts (120 km/h)	D-
GROB TWIN ASTIR	BROWN	650 kg	60 kts (110 km/h)	65 kts (120 km/h)	A
GROB TWIN II	BROWN	580 kg	60 kts (110 km/h)	65 kts (120 km/h)	A
GROB TWIN III	BROWN	600 kg	60-65 kts (110-120 km/h)	76 kts (140 km/h)	A
GRUNAU BABY 2/3/4	WHITE	260 kg	40-43 kts (75-80 km/h)	43 kts (80 km/h)	F-
GULL 1/2/3	WHITE	231-283 kg	40-43 kts (75-80 km/h)	43 kts (80 km/h)	F-
GULL 4	WHITE	317 kg	50 kts (95 km/h)	52 kts (96 km/h)	F
HARBINGER	BLUE	500 kg	50 kts (95 km/h)	57 kts (105 km/h)	D
HORNET	BLUE	420 kg	65 kts (120 km/h)	81 kts (150 km/h)	D
HUTTER H17	WHITE	204 kg	40-45 kts (75-83 km/h)	45 kts (83 km/h)	F-
HUTTER H17B	WHITE	210 kg	40-43 kts (75-80 km/h)	43 kts (80 km/h)	F-
IRIS (D77)	WHITE	330 kg	55-60 kts (100-110 km/h)	70 kts (130 km/h)	E
IS28	BLUE	590 kg	55-60 kts (100-110 km/h)	67 kts (125 km/h)	C+
IS29D	BLUE	360 kg	55-59 kts (100-110 km/h)	59 kts (110 km/h)	D-
IS29D2	BLUE	360 kg	60 kts (110 km/h)	67 kts (125 km/h)	D
IS30	BLUE	590 kg	55-60 kts (100-110 km/h)	67 kts (125 km/h)	C+
JANTAR 1 (19 Metre)	RED	417-515 kg	55-59 kts (100-110 km/h)	59 kts (110 km/h)	D
JANTAR STD 1	BLUE	360-460 kg	55-59 kts (100-110 km/h)	59 kts (110 km/h)	D-
JANTAR STD 2	RED	385-535 kg	60-65 kts (110-120 km/h)	67 kts (125 km/h)	D
JANTAR STD 3	RED	390-540 kg	60-65 kts (110-120 km/h)	67 kts (125 km/h)	D
JANUS A/B	BROWN	620 kg	60 kts (110 km/h)	65 kts (120 km/h)	A-
JANUS C	BROWN	700 kg	60-65 kts (110-120 km/h)	81 kts (150 km/h)	A
JASKOLKA	BLUE	370-455 kg	45-49 kts (85-90 km/h)	48 kts (90 km/h)	E
JAVELOT	WHITE	350 kg	50-54 kts (95-100 km/h)	54 kts (100 km/h)	F
JS 1B	RED	600 kg	65 kts (120 km/h)	81 kts (150 km/h)	C
JS 1C	RED	720 kg	65 kts (120 km/h)	75 kts (140 km/h)	C
JS 3	RED	525-600 kg	65 kts (120 km/h)	81 kts (150 km/h)	C
JUNIOR	RED	380 kg	60 kts (110 km/h)	70 kts (130 km/h)	D
KA 1/3	WHITE	195 kg	45 kts (85 km/h)	48 kts (90 km/h)	F-
KA 2 & KA 2B	RED	460-480 kg	50 kts (95 km/h)	54 kts (100 km/h)	D
KA 4	BROWN	408 kg	45-49 kts (85-90 km/h)	49 kts (90 km/h)	E
KA 6 BR/CR	BLUE	300 kg	55 kts (100 km/h)	60 kts (111 km/h)	E
KA 6E	BLUE	300 kg	55 kts (100 km/h)	56 kts (104 km/h)	E
KA 7	BLACK	529 kg	55 kts (100 km/h)	60 kts (111 km/h)	D
KA 7	BROWN	529 kg	55 kts (100 km/h)	66 kts (122 km/h)	D
KA 8	BLUE	310 kg	50-55 kts (95-100 km/h)	60 kts (110 km/h)	F
KESTREL 17	BLUE	408 kg	60 kts (110 km/h)	70 kts (130 km/h)	C-
KESTREL 19	BLUE	449-565 kg	60 kts (110 km/h)	70 kts (130 km/h)	C+
KITE 1	WHITE	254 kg	40-43 kts (75-80 km/h)	43 kts (80 km/h)	F-
KITE 2B	WHITE	295 kg	50 kts (95 km/h)	52 kts (96 km/h)	F
KRANICH II	BROWN	465 kg	40-43 kts (75-80 km/h)	43 kts (80 km/h)	E
KRANICH III	BROWN	520 kg	50-54 kts (95-100 km/h)	54 kts (100 km/h)	C
KRANJANEK	WHITE	225 kg	40-45 kts (75-85 km/h)		F-
L33 (SOLO)	BLUE	340 kg	55-60 kts (100-110 km/h)	70 kts (130 km/h)	E
LAK 12	BLUE	430-650 kg	60 kts (110 km/h)	76 kts (140 km/h)	C
LAK 17/19	BLUE	347-500 kg	65 kts (120 km/h)	76 kts (140 km/h)	D+
LIBELLE 301	BLUE	300 kg	55-60 kts (100-110 km/h)	65 kts (120 km/h)	E

GLIDER TYPE	WEAK LINK	MAX TAKE-OFF WEIGHT	SUGGESTED LAUNCH SPEED IN FULL CLIMB	MAX WINCH LAUNCHING SPEED	SUGGESTED THROTTLE GUIDE SETTING
LIBELLE CLUB & STD	BLUE	290-350 kg	55-60 kts (100-110 km/h)	65 kts (120 km/h)	E
LO-100	BLUE	265 kg	55-60 kts (100-110 km/h)	67 kts (125 km/h)	F
LS 1F	BLUE	354-390 kg	60-65 kts (110-120 km/h)	70 kts (130 km/h)	D
LS 3	BLUE	380-472 kg	60-65 kts (110-120 km/h)	70 kts (130 km/h)	D
LS 4	BLUE	380-472 kg	60-65 kts (110-120 km/h)	70 kts (130 km/h)	D
LS 4 A/B	BLUE	380-525 kg	60-65 kts (110-120 km/h)	76 kts (140 km/h)	D
LS 6/7/8	RED	380-575 kg	65 kts (120 km/h)	76 kts (140 km/h)	D+
LS10	RED	540-600 kg	65 kts (120 km/h)	81 kts (150 km/h)	C
M100	BLUE	315 kg	50-54 kts (95-100 km/h)	54 kts (100 km/h)	E-
M200	BLUE	570 kg	55 kts (100 km/h)	65 kts (120 km/h)	C
MARIANNE	BROWN	655 kg	60 kts (110 km/h)	70 kts (130 km/h)	A
ME 7	WHITE	250 kg	55 kts (100 km/h)	60 kts (111 km/h)	F
MEISE	WHITE	300 kg	40-43 kts (75-80 km/h)	43 kts (80 km/h)	F- -
MINIMOA	WHITE	350 kg	40-44 kts (75-80 km/h)	44 kts (81 km/h)	F-
MISTRAL	WHITE	350 kg	60 kts (110 km/h)	70 kts (130 km/h)	E+
MOSQUITO	BLUE	380-450 kg	60-65 kts (110-120 km/h)	81 kts (150 km/h)	D
MOSWEY III	WHITE	250 kg	55 kts (100 km/h)	67 kts (125 km/h)	F
MOSWEY IV	BLUE	300 kg	55 kts (100 km/h)	65 kts (120 km/h)	E
MU13	WHITE	286 kg	40-45 kts (75-83 km/h)	45 kts (83 km/h)	F-
MUCHA 100	WHITE	290 kg	50 kts (94 km/h)	51 kts (94 km/h)	F
MUCHA STD	RED	324-383 kg	50-54 kts (95-100 km/h)	54 kts (100 km/h)	E
NIMBUS 2	RED	470-650 kg	60 kts (110 km/h)	65 kts (120 km/h)	C+
NIMBUS 3	BROWN	528-750 kg	60-65 kts (110-120 km/h)	81 kts (150 km/h)	A-
NIMBUS 3D	BLACK	750 kg	65 kts (120 km/h)	81 kts (150 km/h)	A+
NIMBUS 4/4D	BLACK	750 kg	65 kts (120 km/h)	81 kts (150 km/h)	A+
NIMBUS MINI	BLUE	450-500 kg	60-65 kts (110-120 km/h)	81 kts (150 km/h)	D
OLYMPIA 1	WHITE	300 kg	40-43 kts (75-80 km/h)	43 kts (80 km/h)	F- -
OLYMPIA 2B	WHITE	304 kg	50 kts (95 km/h)	55 kts (102 km/h)	F-
OLYMPIA 403	BLUE	408 kg	50-55 kts (95-100 km/h)	60 kts (111 km/h)	E-
OLYMPIA 419	BLUE	408 kg	50-55 kts (95-100 km/h)	60 kts (111 km/h)	E-
OLYMPIA 460/463	WHITE	286 kg	50-55 kts (95-100 km/h)	66 kts (122 km/h)	F+
PEGASE	BLUE	368-455 kg	60 kts (110 km/h)	65 kts (120 km/h)	D-
PERKOZ	RED	615 kg	60-65 kts (110-120 km/h)	75 kts (140 km/h)	B
PETREL	WHITE	289 kg	40-43 kts (75-80 km/h)	43 kts (80 km/h)	F-
PHOEBUS	RED	350-434 kg	55-60 kts (100-110 km/h)	65 kts (120 km/h)	E
PIK 16	BLUE	304 kg	60 kts (110 km/h)	75 kts (140 km/h)	E
PIK 20	BLUE	450 kg	60-65 kts (110-120 km/h)	67 kts (124 km/h)	D-
PILATUS B4	BLUE	350 kg	55-60 kts (100-110 km/h)	70 kts (130 km/h)	E
PIRAT	BLUE	370 kg	55 kts (100 km/h)	65 kts (120 km/h)	E
PREFECT	WHITE	279 kg	45-50 kts (85-92 km/h)	50 kts (92 km/h)	F-
PRIMARY EON	WHITE	222 kg	35-38 kts (65-70 km/h)	38 kts (70 km/h)	F- -
PRIMARY GRASSHOPPER	WHITE	249 kg	35-38 kts (65-70 km/h)	38 kts (70 km/h)	F- -
PRIMARY SG38	GREEN 300daN	210 kg	30 kts (55 km/h)	32 kts (60 km/h)	F- - -
PUCHACZ	RED	570 kg	55-59 kts (100-110 km/h)	59 kts (110 km/h)	B
PW5	BLUE	300 kg	55-60 kts (100-110 km/h)	65 kts (120 km/h)	E
PW6	BLACK	546 kg	60-65 kts (110-120 km/h)	65 kts (120 km/h)	B
RHONLERCHE 2 (KA 4)	BROWN	408 kg	45-49 kts (85-90 km/h)	49 kts (90 km/h)	E
RHONSPERBER	WHITE	282 kg	40-43 kts (75-80 km/h)	43 kts (80 km/h)	F-
SAGITTA	BLUE	331 kg	55-60 kts (100-110 km/h)	66 kts (122 km/h)	E-
SB5	BLUE	325 kg	50-54 kts (95-100 km/h)	54 kts (100 km/h)	E
SCOTT VIKING	WHITE	317 kg	45-50 kts (85-93 km/h)	50 kts (93 km/h)	F-
SCUD III	WHITE	247 kg	40-43 kts (75-80 km/h)	43 kts (80 km/h)	F- -
SD3	BLUE	333-349 kg	55-60 kts (100-110 km/h)	65 kts (120 km/h)	E

GLIDER TYPE	WEAK LINK	MAX TAKE-OFF WEIGHT	SUGGESTED LAUNCH SPEED IN FULL CLIMB	MAX WINCH LAUNCHING SPEED	SUGGESTED THROTTLE GUIDE SETTING
SF 26A	BLUE	310 kg	50-54 kts (95-100 km/h)	54 kts (100 km/h)	F+
SF 27A	RED	330 kg	55 kts (100 km/h)	59 kts (110 km/h)	F+
SF 34	RED	540 kg	55-60 kts (100-110 km/h)	65 kts (120 km/h)	B-
SHARK	RED	600 kg	60-65 kts (110-120 km/h)	70 kts (130 km/h)	C-
SHK	BLUE	370 kg	50-54 kts (95-100 km/h)	54 kts (100 km/h)	E-
SIE 3	BLUE	340 kg	55 kts (100 km/h)	60 kts (110 km/h)	F+
SILENE	RED	565 kg	55-60 kts (100-110 km/h)		C+
SILENT 2	BLUE	300 kg	55-60 kts (100-110 km/h)	60 kts (110 km/h)	F
SKY	WHITE	363 kg	50 kts (95 km/h)	56 kts (104 km/h)	F+
SKYLARK 2	BLUE	331 kg	55-60 kts (100-110 km/h)	61 kts (113 km/h)	E
SKYLARK 3B-3F	BLUE	358-377 kg	55-60 kts (100-110 km/h)	71 kts (131 km/h)	E+
SKYLARK 4	BLUE	377 kg	55-60 kts (100-110 km/h)	76 kts (141 km/h)	E+
SNC34 (ALLIANCE)	RED	540 kg	55-60 kts (100-110 km/h)	65 kts (120 km/h)	B-
SPATZ & L-SPATZ	WHITE	220-275 kg	45-49 kts (85-90 km/h)	49 kts (90 km/h)	F-
SPECHT	BROWN	390 kg	45-49 kts (85-90 km/h)	49 kts (90 km/h)	E
SPERBER	BLACK	400 kg	45-49 kts (85-90 km/h)	49 kts (90 km/h)	E
STEINADLER (MG 19A)	BROWN	480 kg	40-43 kts (75-80 km/h)	43 kts (80 km/h)	E
SWALLOW	WHITE	318 kg	50 kts (95 km/h)	64 kts (119 km/h)	F
SWIFT	RED	410 kg	65 kts (120 km/h)	75 kts (140 km/h)	C
SZD55	BLUE	350-500 kg	65 kts (120 km/h)	78 kts (145 km/h)	D
SZD59	RED	390-540 kg	65 kts (120 km/h)	81 kts (150 km/h)	D
T21b (C of G hook)	BLUE	476 kg	45-50 kts (85-95 km/h)	55 kts (102 km/h)	E+
T21b (compromise hook)	WHITE	476 kg	45-50 kts (85-95 km/h)	55 kts (102 km/h)	E-
T31	WHITE	377 kg	45-48 kts (85-89 km/h)	48 kts (89 km/h)	F
T53 & YS53	RED	583 kg	55 kts (100 km/h)	70 kts (130 km/h)	B-
TUTOR	WHITE	258-286 kg	45-48 kts (85-89 km/h)	48 kts (89 km/h)	F-
VEGA	BLUE	351-440 kg	60-65 kts (110-120 km/h)	70 kts (130 km/h)	D
VEGA (SPORT)	BLUE	354 kg	60-65 kts (110-120 km/h)	70 kts (130 km/h)	D-
VENTUS A/B/C	BLUE	430-525 kg	65 kts (120 km/h)	81 kts (150 km/h)	C-
VENTUS 2 A/B	BLUE	345-525 kg	65 kts (120 km/h)	81 kts (150 km/h)	C-
VENTUS 2C	RED	430-525 kg	65 kts (120 km/h)	81 kts (150 km/h)	C
VENTUS 3	BROWN	600 kg	65 kts (120 km/h)	81 kts (150 km/h)	C
WASSAMER WA26	BLUE	378 kg	55-60 kts (100-110 km/h)	65 kts (120 km/h)	E
WEIHE	BLUE	354 kg	45-49 kts (85-90 km/h)	48 kts (90 km/h)	F-
ZUGVOGEL 1/2/3/4	BLUE	335-365 kg	50-54 kts (95-100 km/h)	54 kts (100 km/h)	E

NOTES:

This table should be treated AS A GUIDE ONLY, and you should adjust it in light of your own experience with your machine at your airfield. Each machine is hand built so there can be differences between two winches of exactly the same model. This data is compiled from the British Gliding Association and gliding clubs operating Skylaunch winches. This data may vary due to glider type variations and modifications or any inadvertent errors and therefore cannot be guaranteed as correct. The weight or speed data given here is for guidance only and under no circumstances should it be taken as authoritative. E & OE

Last updated 10.04.2021