

Gliders commonly launched at the Mynd

Source – Skylaunch (no retrieve).

Values on right for the Mynd (generally higher because of RW)

Typically add a notch for turbo or 50-100kg water



Glider	Link	Suggested speed kt	Max speed kt	Skylaunch (without retrieve)	Mynd (with retrieve)
ARCUS	BLACK	65	81	A+	A+
ASH25	BROWN	65	70	A+	A+
ASW19	WHITE	55-60	67	D-	C-
ASW19B	BLUE	60	67	D-	C-
ASW24	BLUE	65	75	D+	C-
CIRRUS (OPEN)	BROWN	55-59	59	C-	B-
DG 300/200/100	BLUE	60-65	70	D	
DG 500/505	BLACK	65	76	A+	A+
DISCUS 2 A/B	BLUE	65	81	D+	C
DISCUS A/B	BLUE	65	81	D+	C
DUO DISCUS	BROWN	65	81	A+	A+
GROB SINGLE ASTIR	BLUE	60-65	65	D-	C
GROB TWIN ASTIR	BROWN	60	65	A	A
JUNIOR	RED	60	70	D	D
JS 1B	RED	65	81	C	C+
KA 6 BR/CR	BLUE	55	60	E	E
KA 6E	BLUE	55	56	E	E
KA 8	BLUE	50-55	60	F	E
KA13	BROWN	55-60	65	C	B-
K21 (ASK21)	BLACK	60-65	81	A	A
K23 (ASK23)	BLUE	60	67	D-	D
LS 1F	BLUE	60-65	70	D	D-
LS 4	BLUE	60-65	70	D	C
LS 4 A/B	BLUE	60-65	76	D	C
LS 6/7/8	RED	65	76	D+	C
NIMBUS MINI	BLUE	60-65	81	D	D
OLYMPIA 2B	WHITE	50	55	F-	F
PEGASE	BLUE	60	65	D-	C-
SHARK	RED	60-65	70	C-	
SILENT 2	BLUE	55-60	60	F	E
SKYLARK 4	BLUE	55-60	76	E+	D-
T21b (compromise hook)	WHITE	45-50	55	E-	E
VENTUS 2C	RED	65	81	C	
VENTUS A/B/C	BLUE	65	81	C-	

Full list of gliders



WARNINGS

THIS SETTING 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

BLACK - No 1 1000 daN = 2200 lbs
 BROWN - No 2 850 daN = 1870 lbs
 RED - No 3 750 daN = 1650 lbs
 BLUE - No 4 600 daN = 1320 lbs
 WHITE - No 5 500 daN = 1100 lbs

The throttle guide setting should be pre-set for the headwind component at ground level and adjusted accordingly during the launch according to wind conditions and pilot behaviour.

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.

Source: Latest Skylaunch list pre-publication copy. Ed Jones 22/11/19 Skylaunch Throttle Guide update (06-03-19).pdf
 Skylaunch full list, reorganised to be more compact. It is for general use, **not specifically for a retrieve system.**
 Throttle settings on right based on experience at the Mynd with retrieve are generally a little higher.

Glider	Link	Suggested speed kt	Max speed kt	Skylaunch (without retrieve)	Mynd (with retrieve)	Glider	Link	Suggested speed kt	Max speed kt	Skylaunch (without retrieve)	Mynd (with retrieve)
2G	BLUE	40-43	43	F-		BIJAVE	BLUE	50-54	54	D	
AC4C	WHITE	55	60	F		BLANIK L13	BLUE	55	65	C	
ARCUS	BLACK	65	81	A+	A+	BLANIK L23 (SUPER)	BLUE	55	65	C+	
ASG29	BROWN	65	75	C		BOCIAN 1D	BLACK	50-54	54	C	
ASG32	BLACK	65	75	A+		BOCIAN 1E	BLACK	55-60	62	B	
ASH25	BROWN	65	70	A+	A+	CAPRONI A21	BLUE	55-60	#####	C	
ASH26	RED	65	70	C		CAPSTAN (C of G hook)	RED	55-60	66	B	
ASH30	BLACK	65	70	A+		CAPSTAN (compromise hook)	BLUE	55-60	66	D+	
ASH31	BROWN	65	70	B		CARMAN JP15	BLUE	55-60	60	E	
ASK18	BLUE	55	59	E		CIRRUS (OPEN)	BROWN	55-59	59	C-	B-
ASK21	BLACK	60-65	81	A	A	CIRRUS (STD)	BLUE	60	65	E+	
ASK23	BLUE	60	67	D-	D	COBRA	RED	55-59	59	E+ (C of G hook)	
ASW15	BLUE	55-59	59	E		COBRA	RED	55-59	59	E- (compromise hook)	
ASW15B	BLUE	55-60	65	E+		CONDOR 4	BLACK	55	#####	D-	
ASW17	RED	60	65	B-		CUMULUS	WHITE	40-43	43	F	
ASW19	WHITE	55-60	67	D-	C-	DART	BLUE	60	71	E+ (C of G hook)	
ASW19B	BLUE	60	67	D-	C-	DART				E- (compromise hook)	
ASW20 & ASW20C	BLUE	60	65	D		DELPHIN	BLUE	50-53	53	E-	
ASW20B	BLUE	60-65	70	D							
ASW22	BROWN	65	75	A-							
ASW24	BLUE	65	75	D+	C-						
ASW27	BLUE	65	70	D+							
ASW28	BLUE	65	75	D+							
ASW28-18	RED	65	75	D+							
AUSTRIA STD	BLUE	55	61	E							
BERGFALKE 2	BROWN	45	46	E							
BERGFALKE 3	BLACK	50	52	D							
BERGFALKE 4	BROWN	55	59	C							
BG135	BLUE	55-60	65	E							

Glider	Link	Suggested speed kt	Max speed kt	Skylaunch (without retrieve)	Mynd (with retrieve)	Glider	Link	Suggested speed kt	Max speed kt	Skylaunch (without retrieve)	Mynd (with retrieve)
DG 300/200/100	BLUE	60-65	70	D		HUTTER H17	WHITE	40-45	45	F-	
DG 400 (self-launch)	BLUE	65	70	C		HUTTER H17B	WHITE	40-43	43	F-	
DG 500/505	BLACK	65	76	A+	A+	IRIS (D77)	WHITE	55-60	70	E	
DG 600	BLUE	65	81	D+		IS28	BLUE	55-60	67	C+	
DG 800S	BLUE	65	81	D+		IS29D	BLUE	55-59	59	D-	
DG1000	BLACK	65	81	A+		IS29D2	BLUE	60	67	D	
DIAMANT 16.5	BROWN	60	65	C		IS30	BLUE	55-60	67	C+	
DIAMANT 18	BROWN	60	81	C		JANTAR 1 (19 Metre)	RED	55-59	59	D	
DISCUS 2 A/B	BLUE	65	81	D+	C	JANTAR STD 1	BLUE	55-59	59	D-	
DISCUS 2C	RED	65	81	C		JANTAR STD 2	RED	60-65	67	D	
DISCUS A/B	BLUE	65	81	D+	C	JANTAR STD 3	RED	60-65	67	D	
DUO DISCUS	BROWN	65	81	A+	A+	JANUS A/B	BROWN	60	65	A-	
EAGLE	BLUE	55	70	C		JANUS C	BROWN	60-65	81	A	
ELFE S2	WHITE	50-54	54	E-		JASKOLKA	BLUE	45-49	48	E	
EON BABY	WHITE	45-48	48	F-		JAVELOT	WHITE	50-54	54	F	
FALCON	WHITE	45	70	F-		JS 1B	RED	65	81	C	C+
FAUVEL AV36	WHITE	50	54	E		JS 1C	RED	65	75	C	C+
FAUVETTE	BLUE	50	52	E		JUNIOR	RED	60	70	D	D
FOKA 3	BLUE	55-60	61	E+ (C of G hook)		KA 1/3	WHITE	45	48	F-	
FOKA 3	BLUE	55-60	61	E- (compro mise hook)		KA 2 & KA 2B	RED	50	54	D	
FOKA 4, 5	BLUE	55-60	65	E+ (C of G hook)		KA 4	BROWN	45-49	49	E	
FOKA 4, 5	BLUE	55-60	65	E- (compro mise hook)		KA 6 BR/CR	BLUE	55	60	E	E
FOX	RED	65-70	81	A		KA 6E	BLUE	55	56	E	E
GEIER II	RED	50	54	E-		KA 7	BLACK	55	60	D	
GLASFLUGEL 304	BLUE	65	81	D+		KA 7	BROWN	55	66	D	
GLASFLUGEL 604	BROWN	60-65	70	B		KA 8	BLUE	50-55	60	F	E
GOEVIER III	BLACK	40-43	43	F		KA13	BLACK	55	58	C	
GROB SINGLE ASTIR	BLUE	60-65	65	D-	C	KA13	BROWN	55-60	65	C	B-
GROB TWIN ASTIR	BROWN	60	65	A	A	KESTREL 17	BLUE	60	70	C-	
GROB TWIN II	BROWN	60	65	A		KESTREL 19	BLUE	60	70	C+	
GROB TWIN III	BROWN	60-65	76	A		KITE 1	WHITE	40-43	43	F-	
GRUNAU BABY 2/3/4	WHITE	40-43	43	F-		KITE 2B	WHITE	50	52	F	
GULL 1/2/3	WHITE	40-43	43	F-		KRANICH II	BROWN	40-43	43	E	
GULL 4	WHITE	50	52	F		KRANICH III	BROWN	50-54	54	C	
HARBINGER	BLUE	50	57	D		KRANJANEK	WHITE	40-45	#####	F-	
HORNET	BLUE	65	81	D		L33 (SOLO)	BLUE	55-60	70	E	
						LAK 12	BLUE	60	76	C	
						LAK 17/19	BLUE	65	76	D+	
						LIBELLE 301	BLUE	55-60	65	E	
						LIBELLE CLUB & STD	BLUE	55-60	65	E	
						LO-100	BLUE	55-60	67	F	
						LS 1F	BLUE	60-65	70	D	D-
						LS 3	BLUE	60-65	70	D	
						LS 4	BLUE	60-65	70	D	C
						LS 4 A/B	BLUE	60-65	76	D	C
						LS 6/7/8	RED	65	76	D+	C
						LS10	RED	65	81	C	

Glider	Link	Suggested speed kt	Max speed kt	Skylaunch (without retrieve)	Mynd (with retrieve)
M100	BLUE	50-54	54	F-	
M200	BLUE	55	65	C	
MARIANNE	BROWN	60	70	A	
ME 7	WHITE	55	60	F	
MEISE	WHITE	40-43	43	F- -	
MINIMOA	WHITE	40-44	44	F-	
MISTRAL	WHITE	60	70	E+	
MOSQUITO	BLUE	60-65	81	D	
MOSWEY III	WHITE	55	67	F	
MOSWEY IV	BLUE	55	65	E	
MU13	WHITE	40-45	45	F-	
MUCHA 100	WHITE	50	51	F	
MUCHA STD	RED	50-54	54	E	
NIMBUS 2	RED	60	65	C+	
NIMBUS 3	BROWN	60-65	81	A-	
NIMBUS 3D	BLACK	65	81	A+	
NIMBUS 4/4D	BLACK	65	81	A+	
NIMBUS MINI	BLUE	60-65	81	D	D
OLYMPIA 1	WHITE	40-43	43	F- -	
OLYMPIA 2B	WHITE	50	55	F-	F
OLYMPIA 403	BLUE	50-55	60	E-	
OLYMPIA 419	BLUE	50-55	60	E-	
OLYMPIA 460/463	WHITE	50-55	66	F+	
PEGASE	BLUE	60	65	D-	C-
PERKOZ	RED	60-65	75	B	
PETREL	WHITE	40-43	43	F-	
PHOEBUS	RED	55-60	65	E	
PIK 16	BLUE	60	75	E	
PIK 20	BLUE	60-65	67	D-	
PILATUS B4	BLUE	55-60	70	E	
PIRAT	BLUE	55	65	E	
PREFECT	WHITE	45-50	50	F-	
PRIMARY EON	WHITE	35-38	38	F- -	
PRIMARY GRASSHOPPER	WHITE	35-38	38	F- -	
PRIMARY SG38	GREEN 300daN	30	32	F- - -	
PUCHACZ	RED	55-59	59	B	
PW5	BLUE	55-60	65	E	
PW6	BLACK	60-65	65	B	
RHONLERCHE 2 (KA 4)	BROWN	45-49	49	E	
RHONSPERBER	WHITE	40-43	43	F-	
SAGITTA	BLUE	55-60	66	E-	
SB5	BLUE	50-54	54	E	
SCOTT VIKING	WHITE	45-50	50	F-	
SCUD III	WHITE	40-43	43	F- -	
SD3	BLUE	55-60	65	E	
SF 26A	BLUE	50-54	54	F+	
SF 27A	RED	55	59	F+	

Glider	Link	Suggested speed kt	Max speed kt	Skylaunch (without retrieve)	Mynd (with retrieve)
SF 34	RED	55-60	65	B-	
SHARK	RED	60-65	70	C-	
SHK	BLUE	50-54	54	E-	
SIE 3	BLUE	55	60	F+	
SILENE	RED	55-60	#####	C+	
SILENT 2	BLUE	55-60	60	F	E
SKY	WHITE	50	56	F+	
SKYLARK 2	BLUE	55-60	61	E	
SKYLARK 3B-3F	BLUE	55-60	71	E+	
SKYLARK 4	BLUE	55-60	76	E+	D-
SNC34 (ALLIANCE)	RED	55-60	65	B-	
SPATZ & L-SPATZ	WHITE	45-49	49	F-	
SPECHT	BROWN	45-49	49	E	
SPERBER	BLACK	45-49	49	E	
STEINADLER (MG 19A)	BROWN	40-43	43	E	
SWALLOW	WHITE	50	64	F	
SWIFT	RED	65	75	C	
SZD55	BLUE	65	78	D	
SZD59	RED	65	81	D	
T21b (C of G hook)	BLUE	45-50	55	E+	
T21b (compromise hook)	WHITE	45-50	55	E-	E
T31	WHITE	45-48	48	F	
T53 & YS53	RED	55	70	B-	
TUTOR	WHITE	45-48	48	F-	
VEGA	BLUE	60-65	70	D	
VEGA (SPORT)	BLUE	60-65	70	D-	
VENTUS 2 A/B	BLUE	65	81	C-	
VENTUS 2C	RED	65	81	C	
VENTUS A/B/C	BLUE	65	81	C-	
WASSAMER					
WA26	BLUE	55-60	65	E	
WEIHE	BLUE	45-49	48	F-	
ZUGVOGEL 1, 2, 3 & 4	BLUE	50-54	54	E	

Source: Latest Skylaunch list pre-publication copy.

Ed Jones 22/11/19 Skylaunch Throttle Guide update (06-03-19).pdf

Cut down for convenience.

Throttle settings on right based on experience at the Mynd. (with retrieve cable)