

GLIDING NEW ZEALAND

ADVISORY CIRCULAR

WEAK LINKS **For Winch and Auto Launch**

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Issued September 2004

Holder's Name: _____

Address: _____

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1 Introduction

1.1 This Advisory Circular provides guidance on the following:

**Weak Link Colour Codes and maximum launching loads
for the Auto Tow and Winch launching of gliders.**

Tost Weak Link Colour Codes

WINCH/AUTO TOW WEAK LINKS

British Gliding Association.

Revised April 1991 From TOST DATA SHEET 2/4/90

With Amendment as Authorised by B.G.A.

TOST COLOUR CODING

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
Yellow	No. 6	400 daN	880 lbs
Green	No. 7	300 daN	660 lbs

If in doubt, apply a factor of 1.3 x max all-up weight of glider to determine weak link strength for winch/auto tow.

<u>Glider</u>	<u>Kgs.</u>	<u>Tost No.</u>	<u>Glider</u>	<u>Kgs.</u>	<u>Tost No.</u>
Astir Single	500	No. 5	Kestrel 17/19	630	No. 4
Astir Twin	845	No. 3	Kite 1 / 2B	500	No. 5
ASH 25	900	No. 2	Kranich II/III	960	No. 2
ASK 14	830	No. 3	Kranjanek	500	No. 5
ASW 15	500	No. 5	LAK 12	600	No. 4
ASW 17	600	No. 4	Libelle 201	500	No. 5
ASW 19	600	No. 4	Libelle H301	670	No. 4
ASW 20	600	No. 4	LS 1	500	No. 5
ASK 21	1000	No. 1	LS 3	600	No. 4
ASK 22	900	No. 2	LS 4	600	No. 4
ASK 23	680	No. 4	LS 6	600	No. 4
ASK 24	600	No. 4	LS 7	600	No. 4
AV. 36	600	No. 4	LO-100	650	No. 4
Austria Std.	670	No. 4	M 100	500	No. 5
BergFalke 2	970	No. 2	M 200	600	No. 4
BergFalke 3	1070	No. 1	Meise	670	No. 4
BergFalke 4	750	No. 3	MG 19A	950	No. 2
Bijave (WA3O)	600	No. 4	Mosquito	650	No. 4

<u>Glider</u>	<u>Kgs.</u>	<u>Tost No.</u>	<u>Glider</u>	<u>Kgs.</u>	<u>Tost No.</u>
Blanik	630	No. 4	Moswey	650	No. 4
Bocians	1000	No. 1	Minimoa	500	No. 5
Bruguet 905	600	No. 4	Mucha Std	820	No. 3
BG. 135	600	No. 4	MU 13	535	No. 5
Cadet Mk. 1 & 2	500	No. 5	Nimbus 2	600	No. 2
Cadet Mk3 (T31)	500	No. 5	Nimbus 3	750	No. 3
Caproni A21	600	No. 4	Nimbus 3/24	1040	No. 1
Capstan	600	No. 4	Nimbus 3D	1040	No. 1
Carman JP15	600	No. 5	Nimbus-Mini	600	No. 4
Centrair 101	600	No. 4	Olympia 1/2	500	No. 5
Cirrus 860	No. 2		Olympia 460/463	500	No. 5
Cirrus Std.	500	No. 5	Olympia 419	600	No. 4
Cumulus	540	No. 5	Peak 100	600	No. 4
Cobra 600	No. 4		Petrel	500	No. 5
Condor	1000	No. 1	Phoebus (all)	1000	No. 1
Dart 15/17	500	No. 5	P1K 20E	600	No. 4
Delohin	700	No. 4	P1K 16/20	530	No. 5
Diamant 16.5/18	935	No. 2	Pilatus B4	500	No. 5
Discus	650	No. 4	Pirat	600	No. 4
DG 100/200	500	No. 5	Prefect	500	No. 5
DG 400	500	No. 5	Puchacz	750	No. 3
DG 300/600	680	No. 4	Rheinland	500	No. 5
Doppleraab	800	No. 3	Rhonlander 2	500	No. 5
Eagl	600	No. 4	Rhonlerche 2	900	No. 2
EON Primary	500	No. 5	Rhonsperber	500	No. 5
EON Baby	600	No. 4	Sagitta	600	No. 4
ELF S2	540	No. 5	SB 5	600	No. 4
Falcon	500	No. 5	SF 26	650	No. 4
Fauvel	500	No. 5	SF 27A	750	No. 3
Fauvette 905	500	No. 5	SF 34	600	No. 4
FOKA 3/4/5	720	No. 4	SG 38	300	No. 7
Geier II	765	No. 3	SHK	700	No. 4
Glasflugel 604	850	No. 2	SIE 3	700	No. 4
Goevier III	1030	No. 1	Silene (E 78)	600	No. 4
Grunau 5	540	No. 4	Sky	500	No. 5
Gull 1/3/4	500	No. 5	Skylark 1/2/3/4	500	No. 5
Harbinger	500	No. 5	Spatz	520	No. 5
Hornet	500	No. 5	Sperber	1030	No. 1
Hutter 17	500	No. 5	Suid III	500	No. 5
Iris (D77)	500	No. 5	Swallow	500	No. 5
IS 28B2	600	No. 4	Swift	500	No. 5
IS 29/30/32	500	No. 5	T21	500	No. 5
Jantar Std	530	No. 5	T31	500	No. 5
Jantar 2	600	No. 4	T53/Y553	750	No. 3
Jantar 3	600	No. 4	Torva	500	No. 5

Janus B	600	No. 4	Tutor	500	No. 5
<u>Glider</u>	<u>Kgs.</u>	<u>Tost No.</u>	<u>Glider</u>	<u>Kgs.</u>	<u>Tost No.</u>
Janus C	750	No. 3	Vega	600	No. 4
Jaskolka	500	No. 5	Ventus	650	No. 4
Javelot	500	No. 5	Viking (VGC)	500	No. 5
Junior	500	No. 5	Wassamer WA26	500	No. 5
JP 36A	500	No. 5	Weihe	670	No. 4
Ka 1/3	450	No. 6	Zugvogel 1/2	720	No. 4
Ka 2	600	No. 4	Zugvogel 3	742	No. 4
Ka 4	900	No. 2	Zugvogel 4	690	No. 4
Ka 6	650	No. 4			
Ka 7	1080	No. 1			
Ka 8	668	No. 4			
Ka 13	1080	No. 1			