

GIN Bonanza 3 Folding Lines Instructions

1. General

Folding and cross lines are available as an optional extra and should be attached to the wing before inducing collapses. Be sure to attach the folding lines to both sides of the canopy for symmetric collapses (front stall).

The additional cross line is used for large, asymmetric collapses and is only attached on one side.

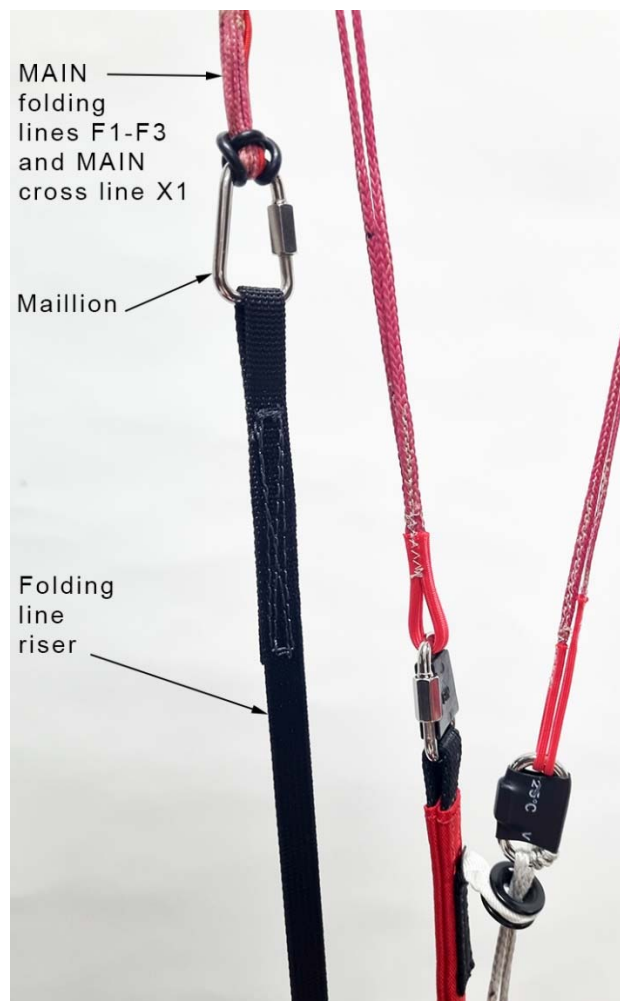
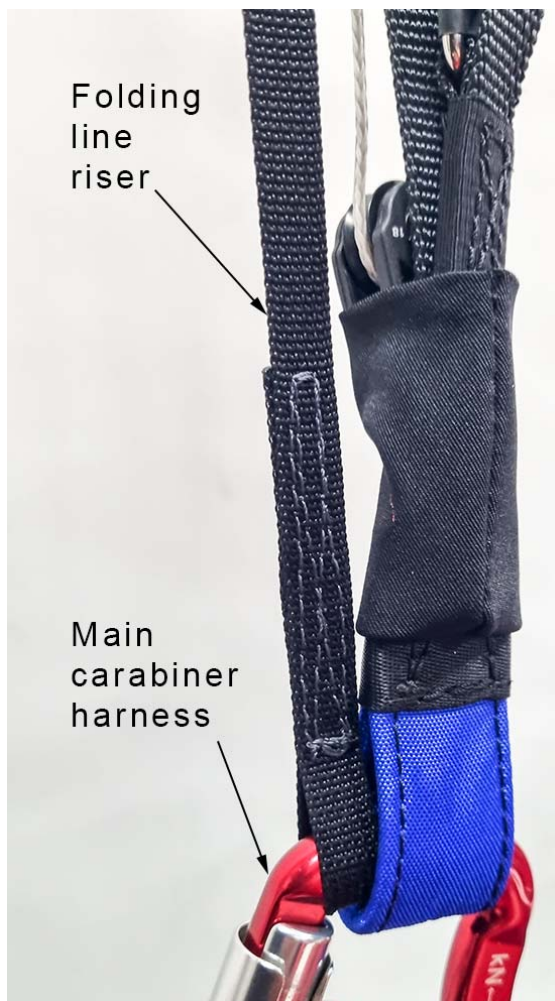
Please refer to the rigging diagrams at the end of this document.



WARNING: Familiarise yourself with the special operation and effect of folding and cross lines described in the Bonanza 3 user manual.

2. Folding line riser

Attach the folding line riser (webbing) to the harness main carabiner. Then attach the maillon to the other end of the folding line riser. Repeat on the other side.



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3. Folding lines

3.1 Upper lines

Attach the upper folding lines to their corresponding line attachment points. The line attachment points can be found at the bottom of the openings along the leading edge, and the lines are attached to the line attachment point using a cow hitch knot.

f1 attaches to the line attachment point in front of a1 and f2 to the line attachment point in front of a2 etc. Please note f17 does not have its own dedicated line attachment point; the line needs to be attached to the a17 line attachment point.

3.2 H/Mid and Mid lines

Attach the higher middle lines (H/MID) and middle lines (MID) according to the folding line diagram on page 2.

3.3 Lower lines

Attach the MAIN folding lines to the MID folding lines:

- - MAIN F1 joins with MID F1 and MID F2
- - MAIN F2 joins with MID F3 and MID F4
- - MAIN F3 joins with MID F5, MID F6 and MID F7

4 Cross line

For right side collapses: Attach the top cross lines x1 and x2 at the folding line loops of f1 and f2 on the left-wing side. Connect them with cross line MAIN X1.

For left side collapses: Attach the top cross lines x1 and x2 at the folding line loops of f1 and f2 on the right-wing side. Connect them with cross line MAIN X1.

5. Lines to maillon

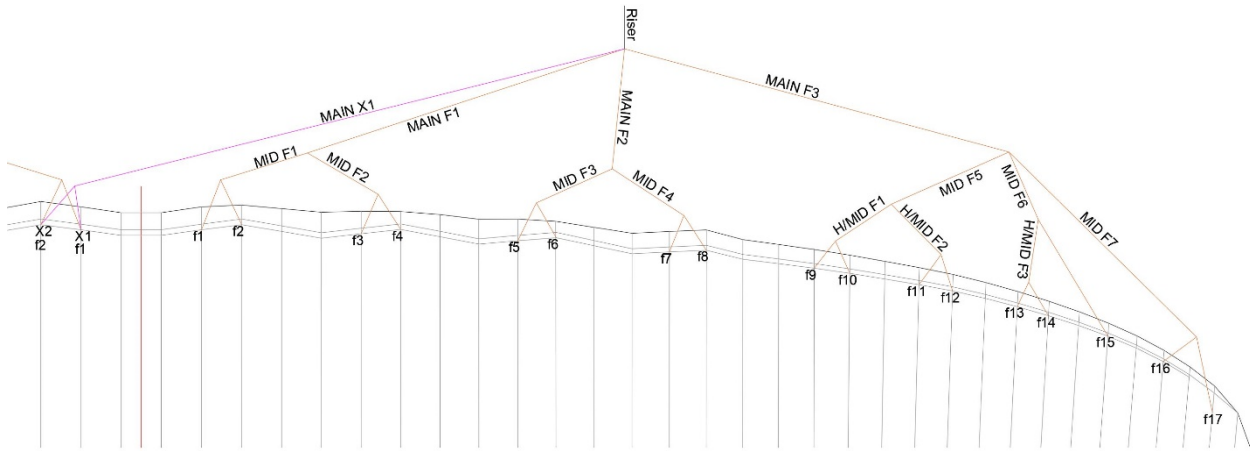
Attach the main folding lines F1, F2 and F3 and cross line X1 to the maillon on the folding line risers (X1 only at right riser for right side collapses. For left side collapses connect X1 to left riser).

Use rubber bands (or alternatively some sticky tape) to secure the maillon in place to prevent it, or the line, from rotation.

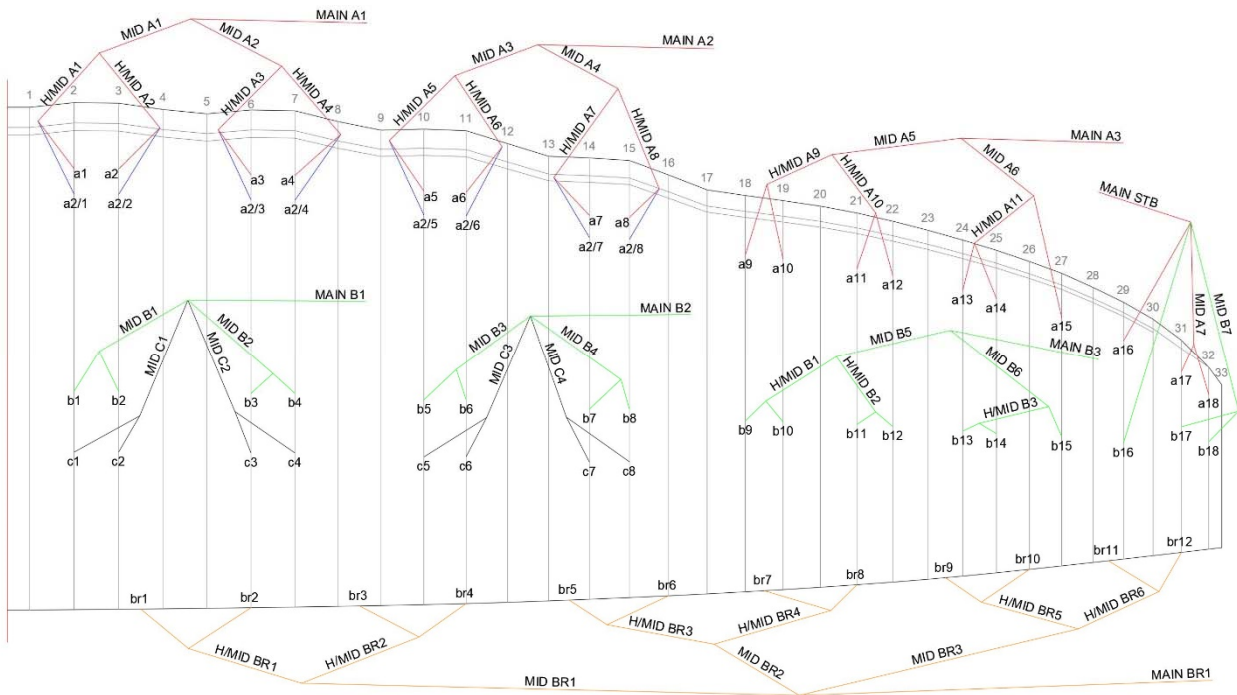
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6. Rigging diagrams

6.1 Folding lines and Cross line



6.2 Lines



Bonanza 3 Folding Lines

Folding Lines - Serial Production - all sizes

VER : 1.1
UPDATED : 15.03.2023

	XXS	XS	S	M	L	Material
UPPER						
	f					
1	395	410	430	445	465	8001-050
2	350	365	380	395	410	
3	375	390	405	420	440	
4	395	410	425	445	460	
5	380	395	410	425	445	
6	325	340	350	365	380	
7	355	370	385	400	415	
8	365	380	395	410	425	
9	350	365	380	395	410	
10	255	265	275	290	300	
11	340	350	365	380	395	
12	300	310	325	335	350	
13	310	325	340	350	365	
14	245	255	265	275	285	
15	885	925	965	1000	1040	
16	565	585	610	635	660	
17	475	495	515	535	555	
H/MID						
	F					
1	855	890	925	965	1000	8001-050
2	630	655	685	710	740	
3	730	760	790	825	855	
MID						
	F					
1	1370	1425	1480	1540	1600	8001-050
2	1285	1340	1395	1455	1515	
3	1295	1350	1405	1460	1515	
4	1180	1230	1285	1335	1390	8001-090
5	1670	1740	1815	1885	1960	
6	1425	1485	1545	1610	1675	
7	1695	1765	1840	1915	1990	
Main						
	F					
I	4830	5055	5285	5515	5755	8001-130
II	4770	4995	5225	5460	5700	
III	3495	3670	3850	4030	4215	
RISER						
	Riser					
LOW	600	600	600	600	600	Webbing 10mm
Cross Line						
	X					
x1	380	395	415	430	450	PPSL 120
x2	395	415	430	445	465	PPSL 120
MAIN X1	6200	6480	6765	7055	7350	PPSL 160

