

THE B2 "EVO 2012" SET UP (FIXED... FOR A WHILE 😊)

= WARNING =

REMEMBER PARAGLIDING IS A HAZARDOUS ACTIVITY

**THESE MODIFICATIONS ARE NOT HOMOLOGATED
AND ARE NOT APPROVED AT ALL BY BIONIC 2 DESIGNER O.CALDARA!**

**COPE WITH THEM IF YOU ARE SURE TO BE ABLE TO EVALUATE THE RISKS
AND TO OWN THE SKILLS TO DEAL WITH NUMEROUS NECESSARY TESTS
FROM CALM TO STRONG AIR CONDITION TO BUILD AND CONFIRM YOUR
OWN FEELING ABOUT THE GLOBAL BEHAVIOUR OF YOUR WING.**

**DO NOT MAKE A STAGE i MODIFICATIONS BEFORE HAVE COMPLETED THE
PREVIOUS STAGE i-1 MODIFICATIONS.**

**CHECK CAREFULLY YOUR WING BEFORE EACH MODIFICATION,
ACT PROGRESSIVELY AND BE PATIENT TO CONFIRM BY SEVERAL TEST
FLIGHTS YOUR INITIAL FEELINGS.**

= NOTE =

Relatively to original Bionic2 L TE lining, neutral trim set up has been modified for (my feeling) optimum handling and half speed bar optimal glide in thermal conditions with a total <fat!> weight of 125 kg in flight and 29 square meters wing flat surface.

STAGE I - LINES SET UP

1. Lines A1 & A2 = 10 mm shorter <5500 becomes 5490>
2. Lines A3 = 20 mm shorter <6000 becomes 5980>
3. External brake line shorter <1018 becomes 983>
4. Internal brake lines <1677> and central keel command = suppressed

READ ME BEFORE NEXT STAGES

**WOULD YOU ACCEPT TO USE FREQUENTLY SPEED BAR TO OPTIMIZE YOUR
FLIGHT ?**

**WOULD AGREE TO DO NOT USE MORE THAN HALF FULL SPEED BAR IN
TURBULENT AIR?**

IF YES THEN HAVE A TRY WITH THE FOLLOWINGS!

STAGE II - EVO 2012 PERFORMANCE ELEVATORS

Rip'air product code = P 120107



= Main characteristics =

Four branches elevators (20 mm bands)

- A & B = 530 mm, C = 525 mm, D = 522 mm (lengths between carabineer axes)
- Speed system <No trimmers>
- A & B stroke (direct motion) = 200 mm
- C stroke for 50% of A & B after - 25 mm slack
- <D fixed>

Commands

- Pulleys deport = 150 mm

Average price

130.00 euros without taxes < Rip'air january 2012 - Contact: phiphi@ripair.com >

STAGE III - "Y" TIPS TENSIONERS

Between 1018 and 941 original brake lines - Detailed lengths to be confirmed -

More info and videos on "Le Chant du Vario forum" paul last posts

<http://www.parapentiste.info/forum/autres-questions-techniques/pourquoi-la-bionic-est-un-flop-t8859.125.html#lastPost>