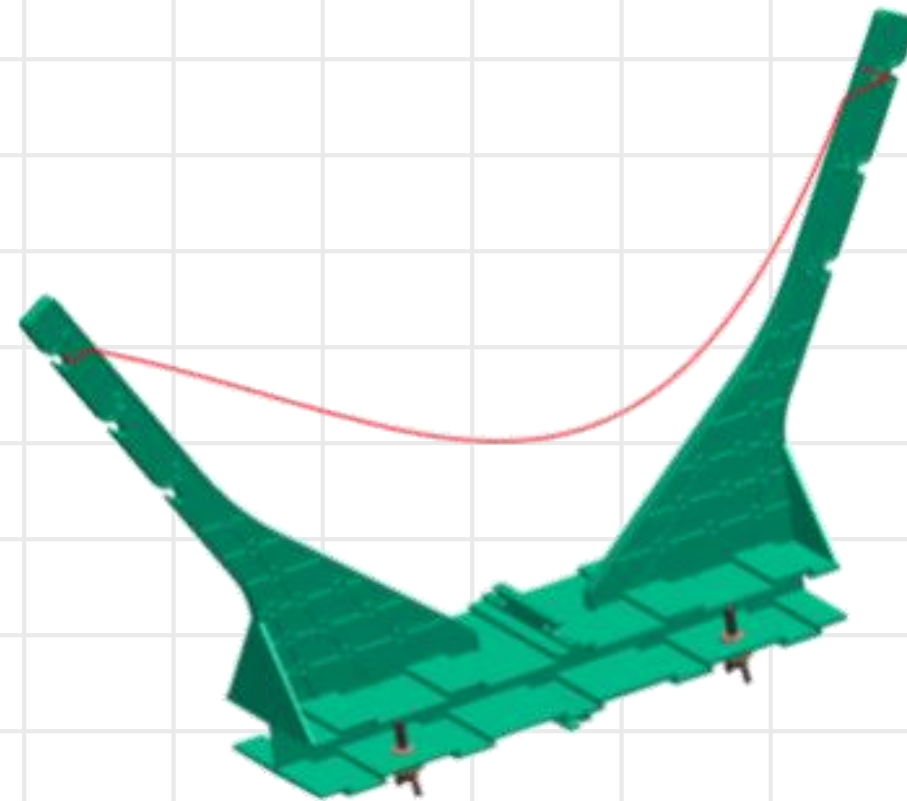
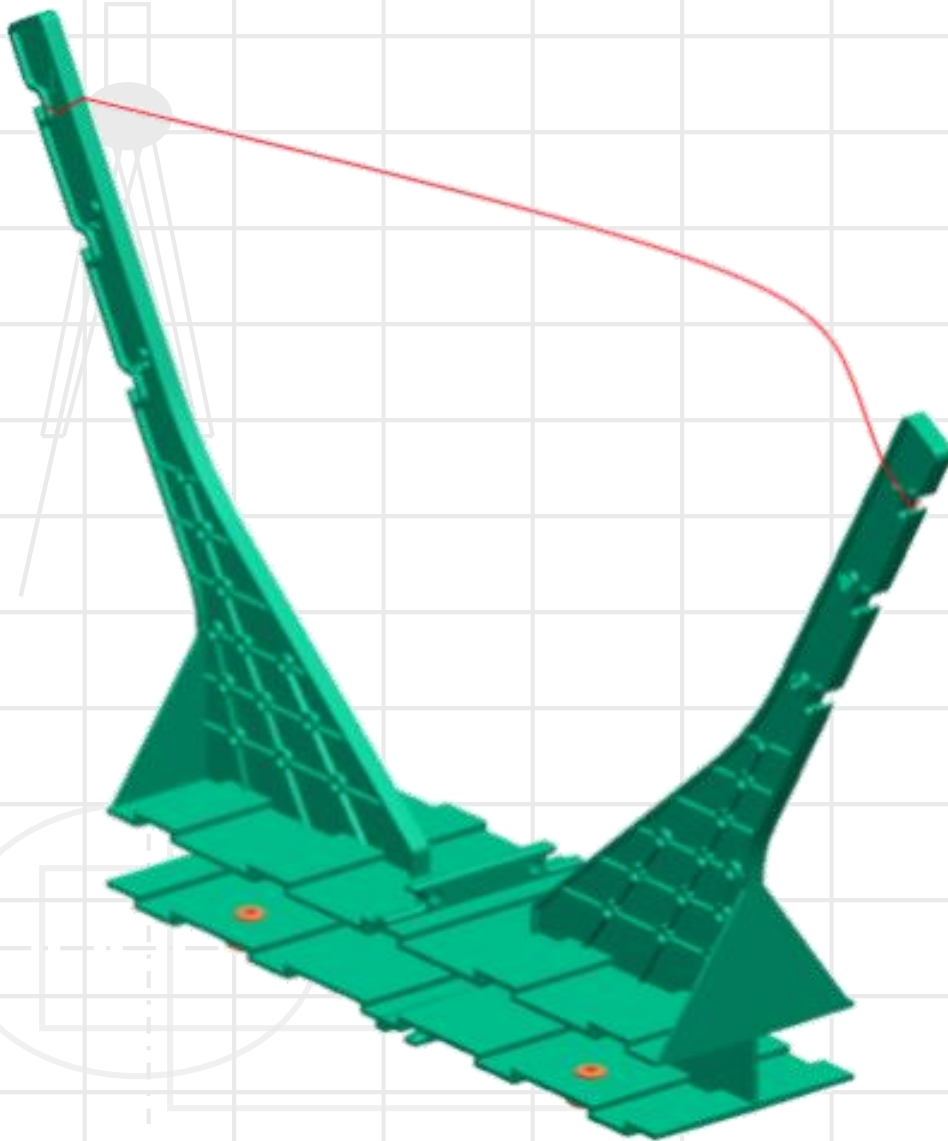
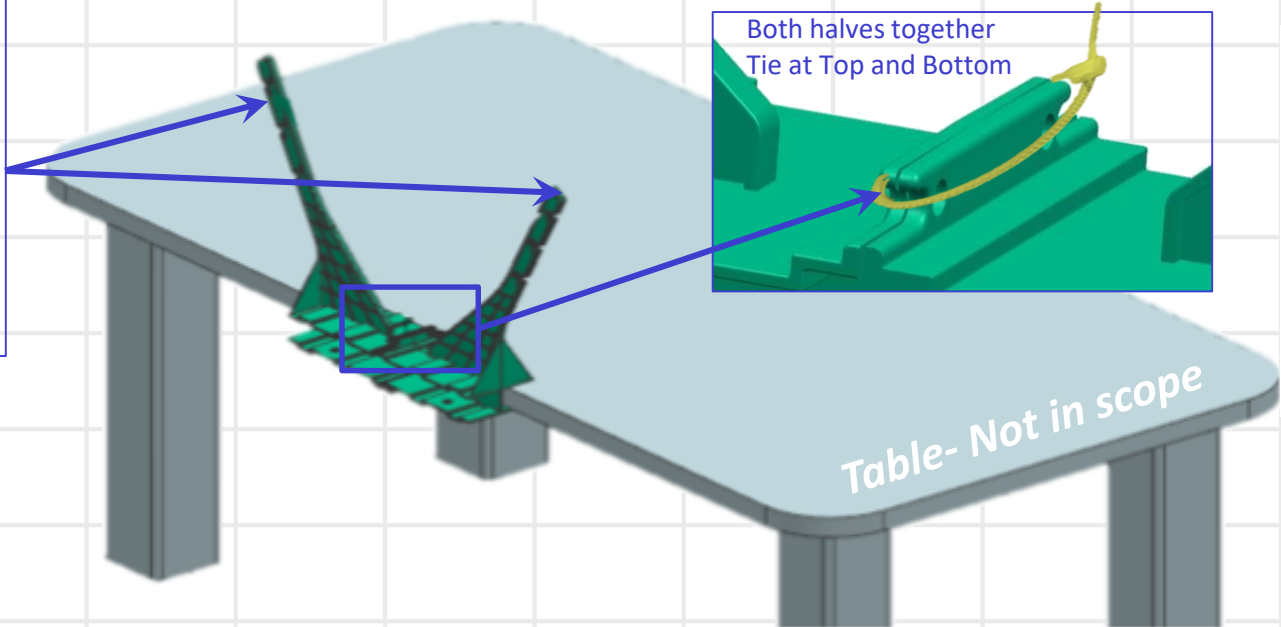
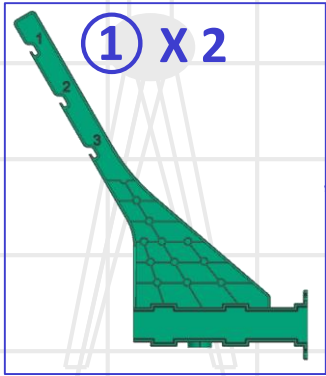


3. Glider launch pad installation & Launch guideline



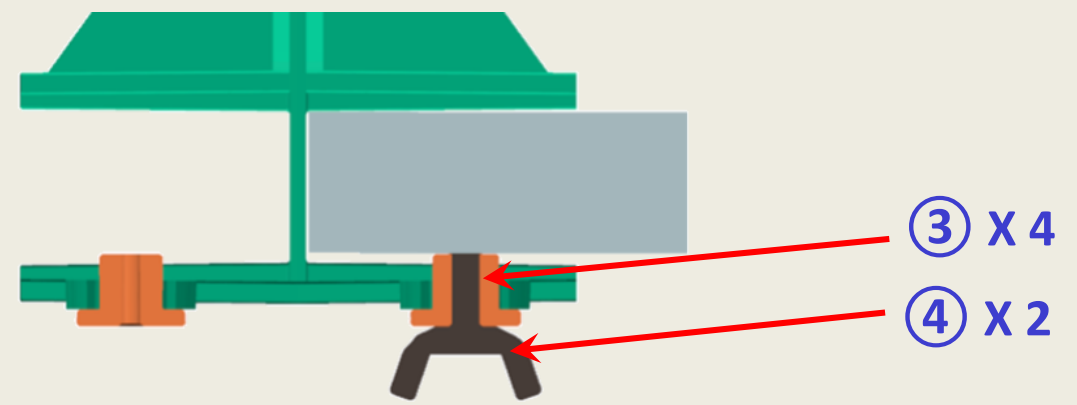
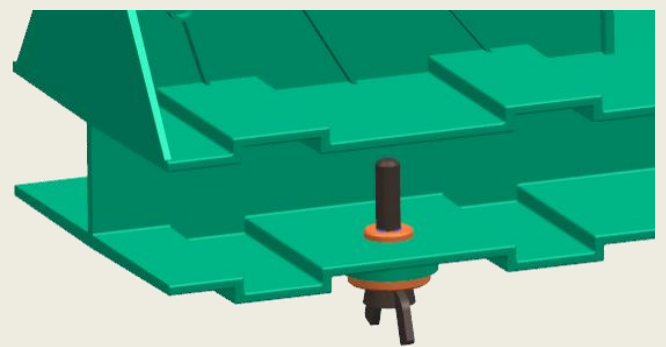
Ensure that the launcher is mounted stable on the table.
Use packing material/ paper if need be ensure stable position





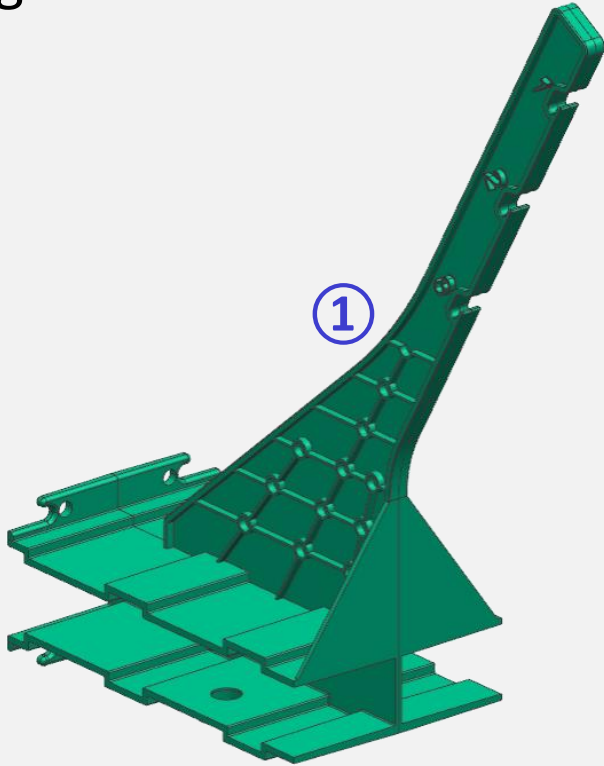
No.	Description	Qty
①	Launcher half	2
②	Tie clip 100~120mm length	2
③	Insert (M6X1X10mm) molded	4
④	Wing nut (M6X1X30mm)	2

Insert and wing nut



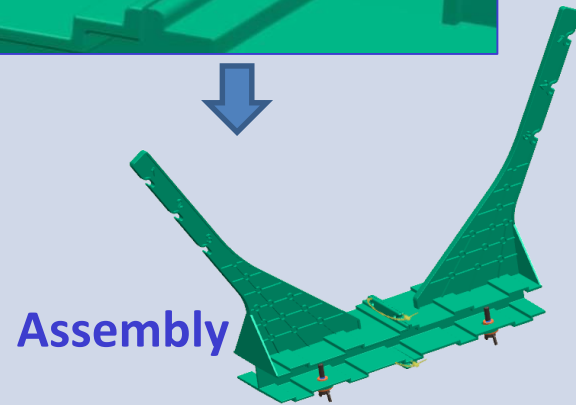
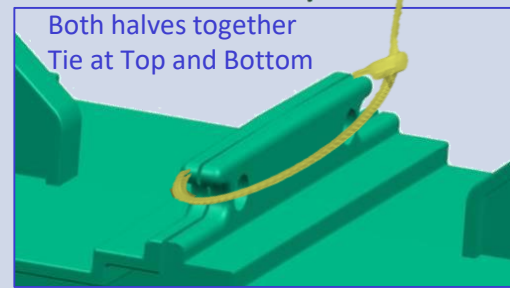
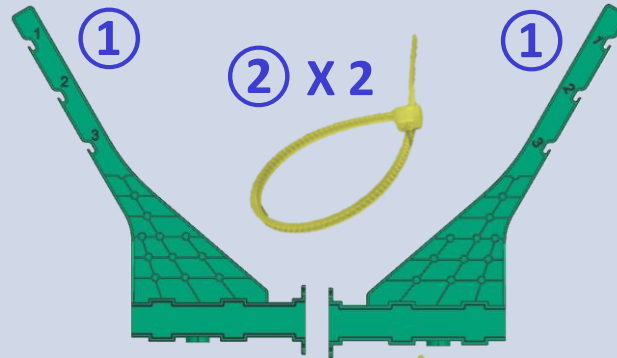
Launcher - Single half

A single plastic half is engineered to form both the halves of the glider

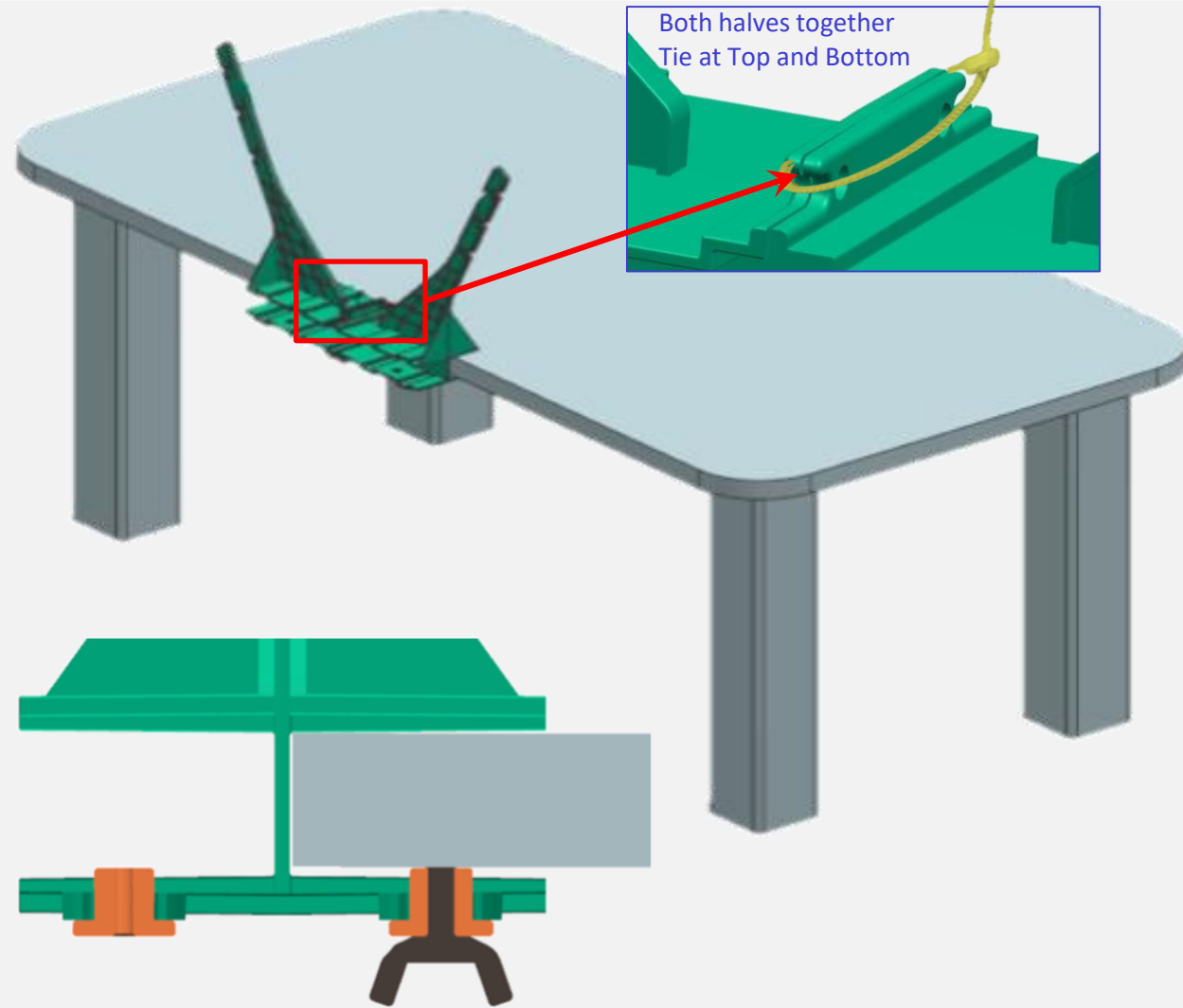


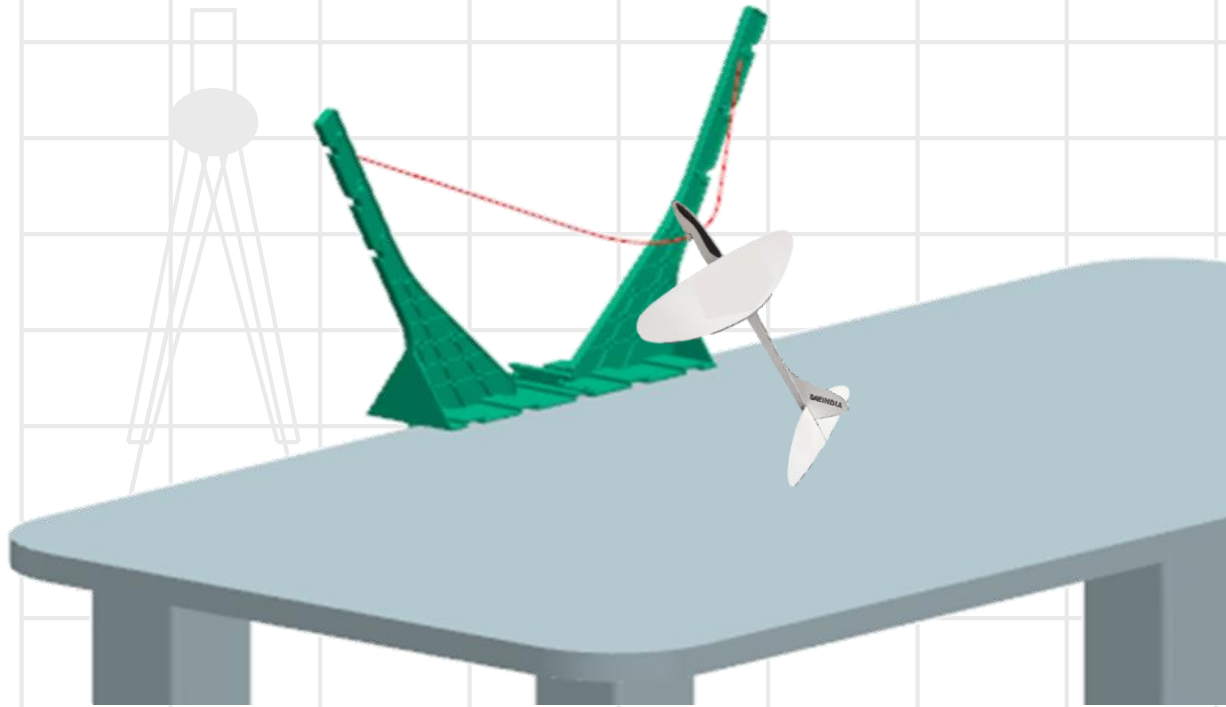
Assembly

Assembled condition



Assembly on the table



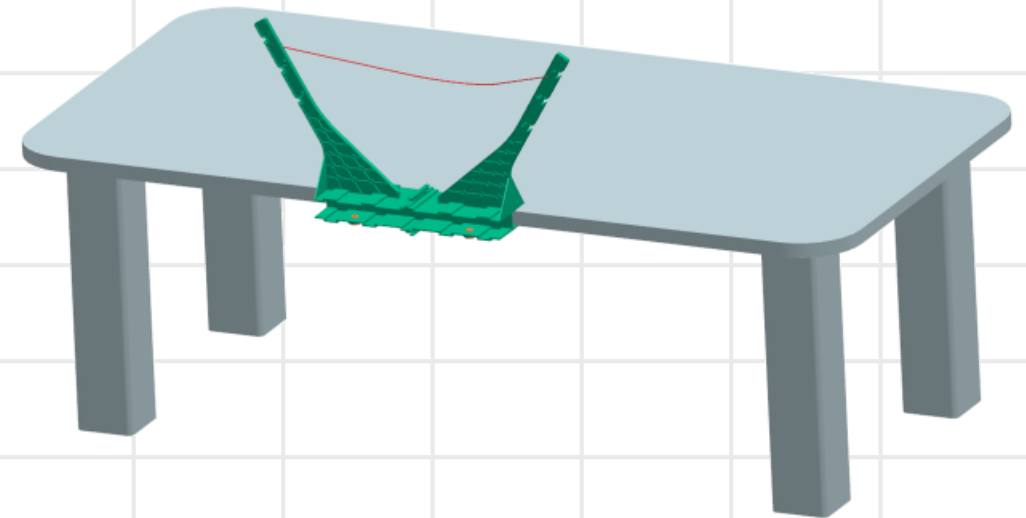


The image on the left represent the glider ready for launch on the launch pad.

Table height could be standard 2.0 ft to 3.0 ft.

The image on the right represent the glider launch pad ready for launch.

(the glider is not shown in this image)



It is necessary the launcher has a predefined stiffness:

Steps:

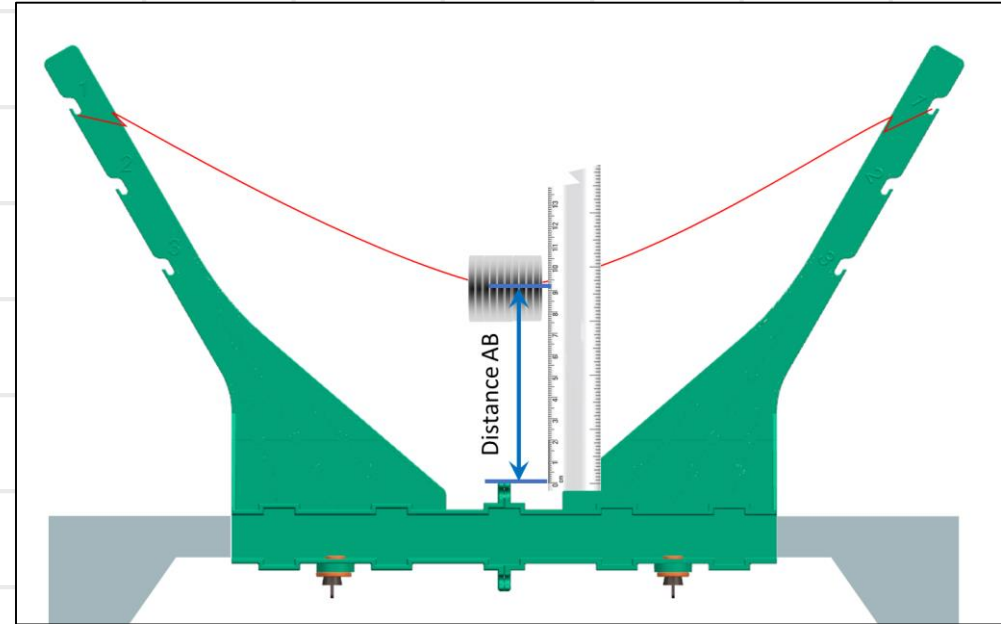
1. Connect the series of band at position 1.
2. Connect the **10 washers (1 washer = 10 to 15grams)**
3. Adjust the number of band in such a way that:

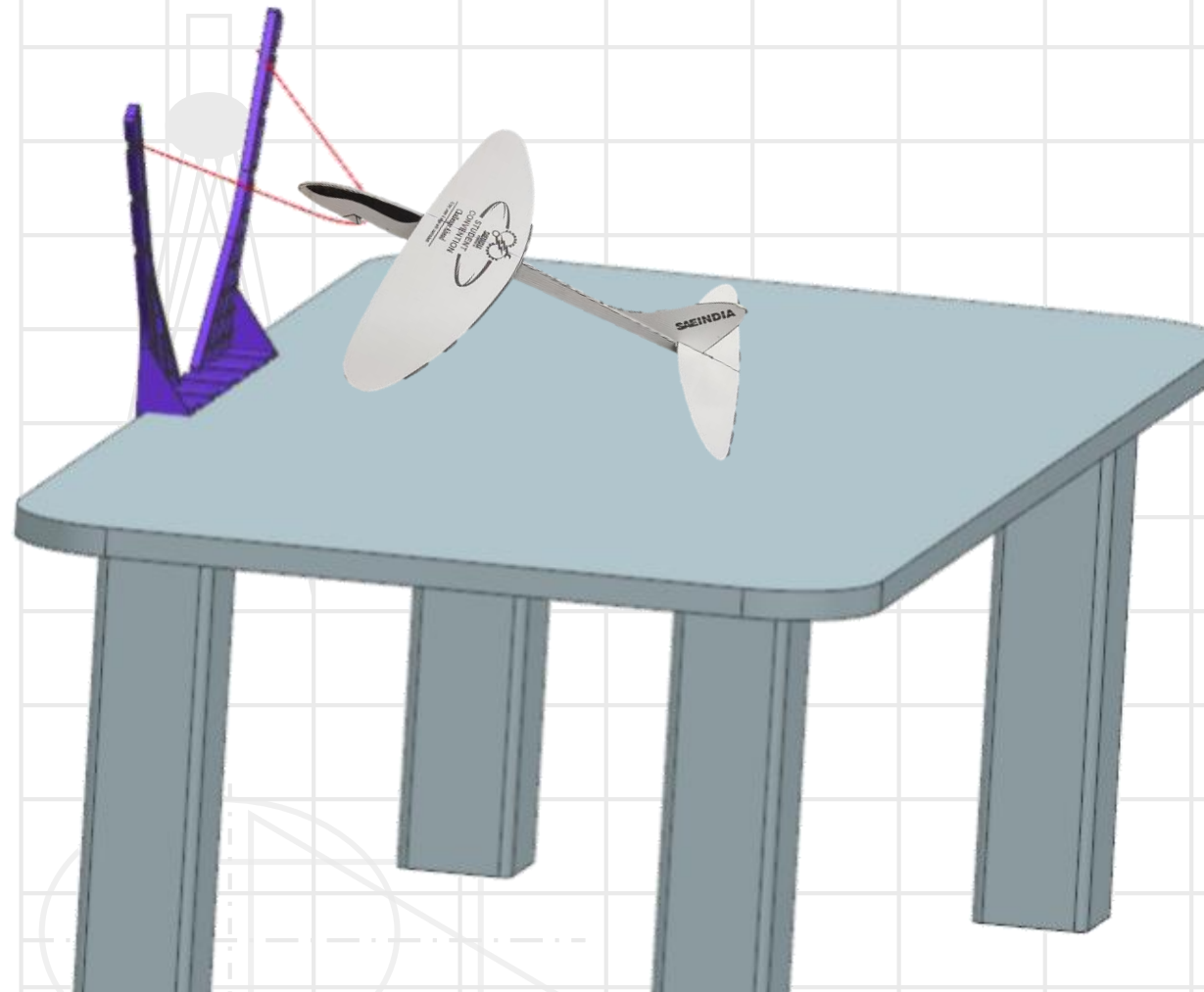
Distance AB = 90mm to 100mm

Note: The same band will be used in all 3 positions.

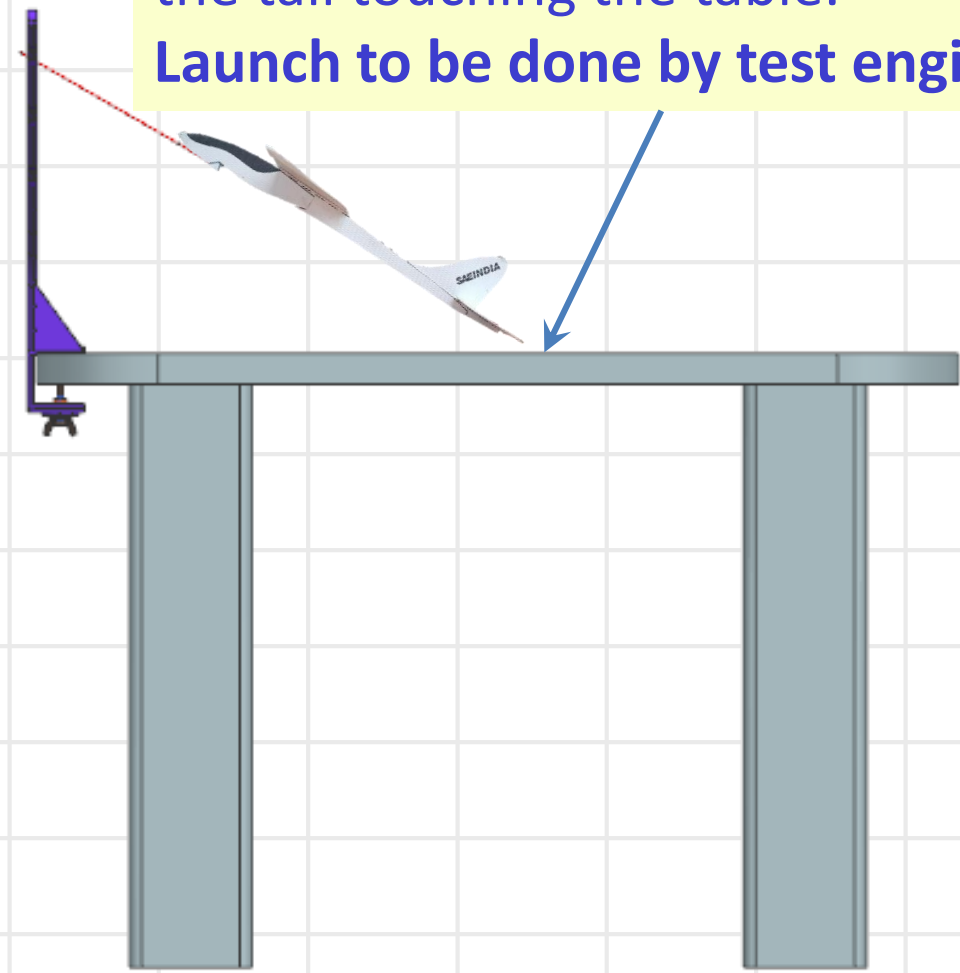
No recalibration to be done at each position.

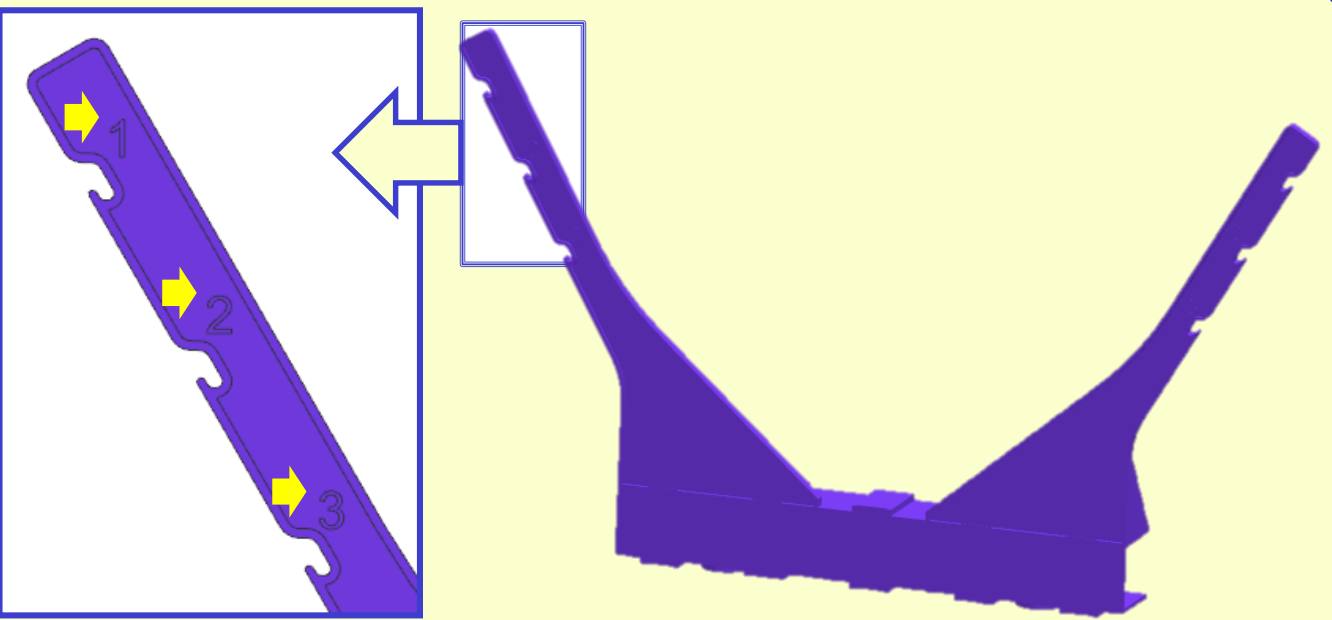
The band stiffness should be checked at regular interval and replace if not confirming to the spec AB.





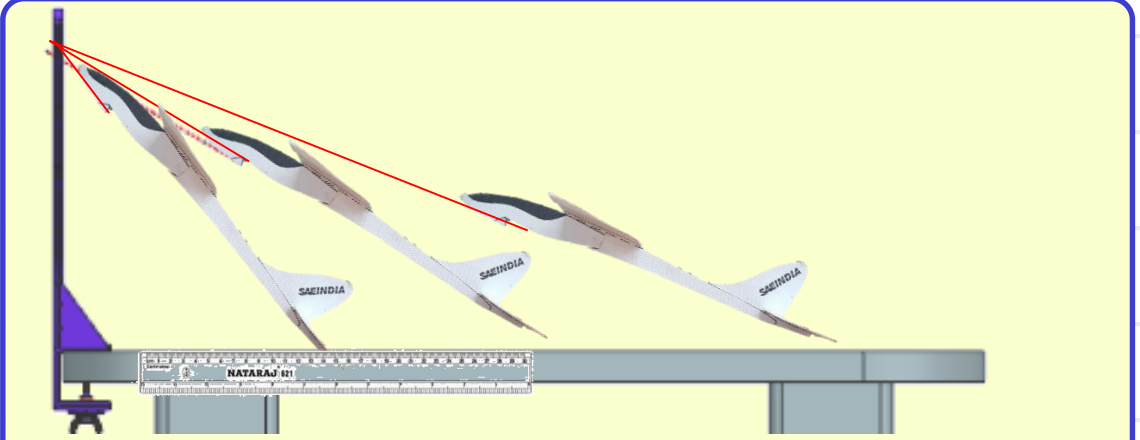
The glider will always be launched with the tail touching the table.
Launch to be done by test engineer.



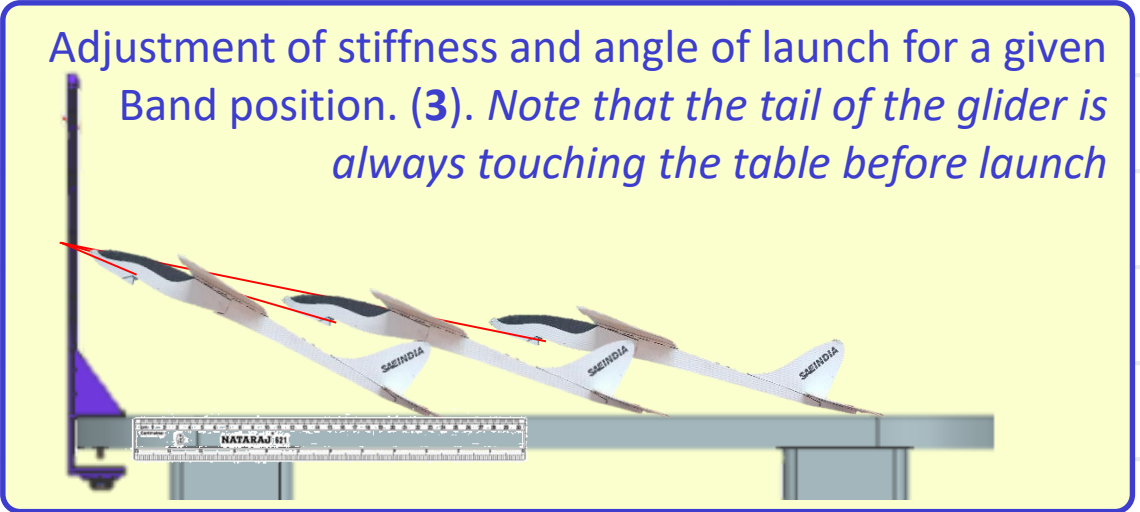


The launcher band has 3 possible attachment positions. Refer the track rules section for the use of these positions

The 3 illustrations explain the possible launch positions that the team can choose. Refer the track rules for each event specific options. The team can use a scale to define the distance between the launcher and glider tail.



Adjustment of stiffness and angle of launch for a given Band position. (1). Note that the tail of the glider is always touching the table before launch



Adjustment of stiffness and angle of launch for a given Band position. (3). Note that the tail of the glider is always touching the table before launch

