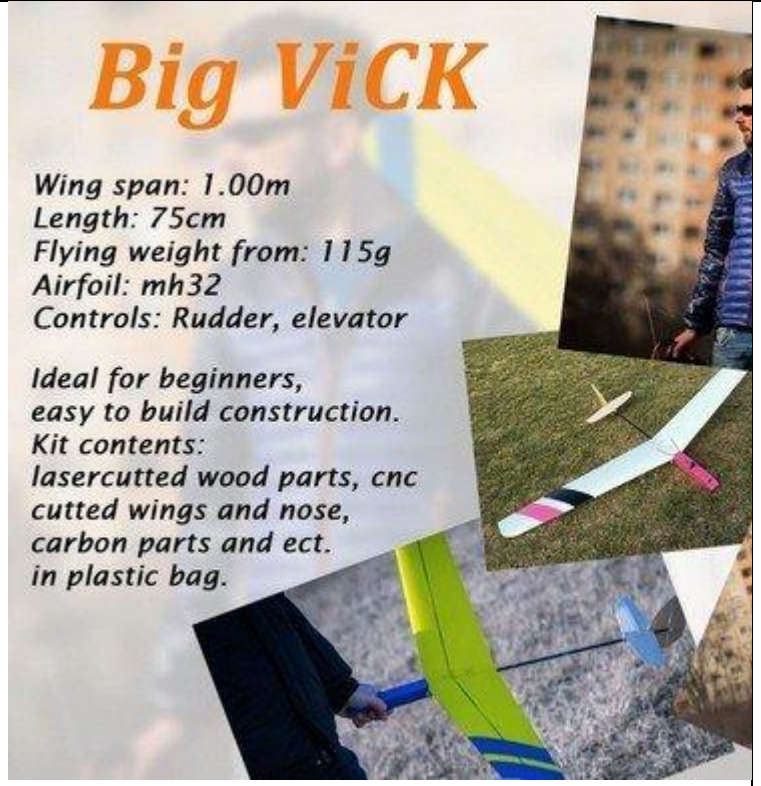
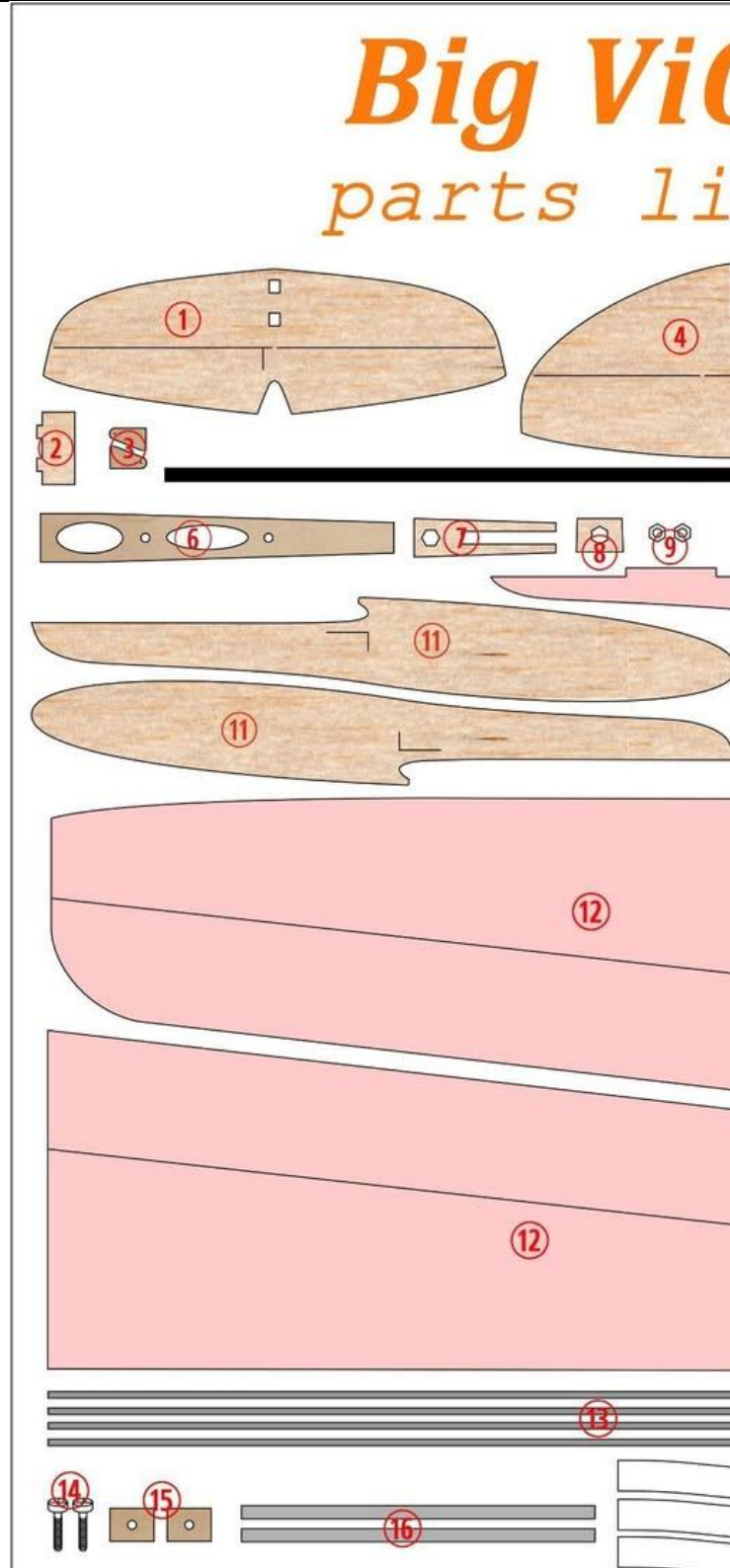
Images :-


Big ViCK
Wing span: 1.00m
Length: 75cm
Flying weight from: 115g
Airfoil: mh32
Controls: Rudder, elevator
CG.:60-65mm from leading edge
Recommended electronics:
Servos: 2x 2.2-3.7g
Small receiver, max size: 45x25x19mm
Battery: 1s 300mah lipo
Kit contents:
lasercutted wood parts, cnc
cutted wings and nose,
carbon parts and ect.
Required:
- Adhesiv
- Packing
- sanding
clear tape
Befor you started to build please read the
Glue mark:
Wooden glue
Epoxy
EXY
Normal CA.
CA
Foamsafe CA.
FS


Big ViCK
Wing span: 1.00m
Length: 75cm
Flying weight from: 115g
Airfoil: mh32
Controls: Rudder, elevator
Ideal for beginners,
easy to build construction.
Kit contents:
lasercutted wood parts, cnc
cutted wings and nose,
carbon parts and ect.
in plastic bag.


Big Vi
parts li
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2
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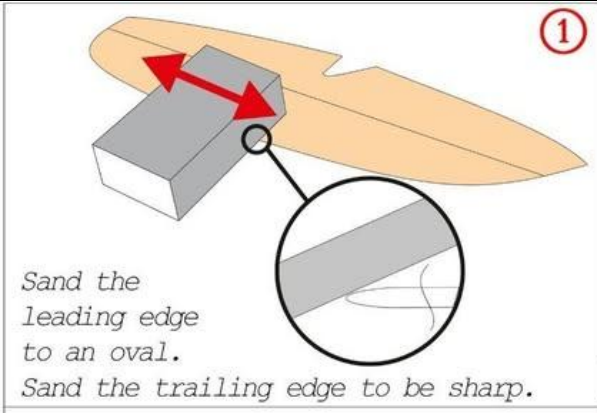
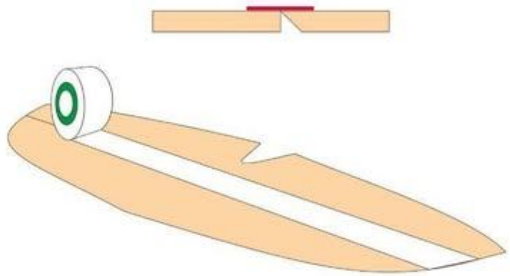
16

Pull-Spring Guide

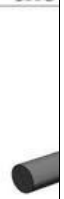


Sand the leading edge to an oval.
Sand the trailing edge to be sharp.

Cut the e
Bevel the

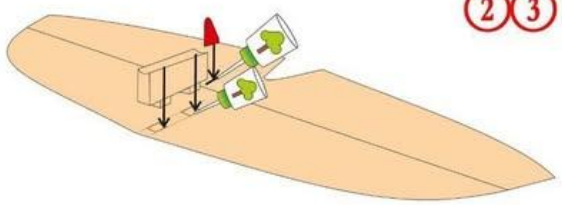


Use clear tape for hinge.
Easy and light.



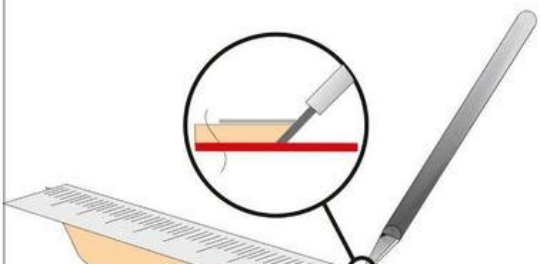
2

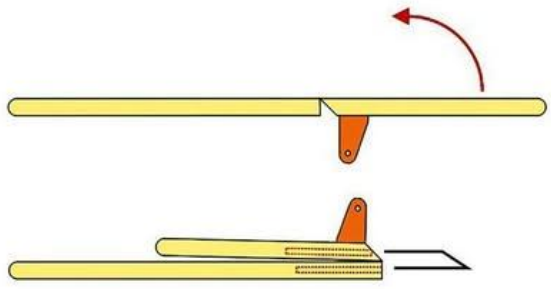
Sanding
Importa
and upp
after t



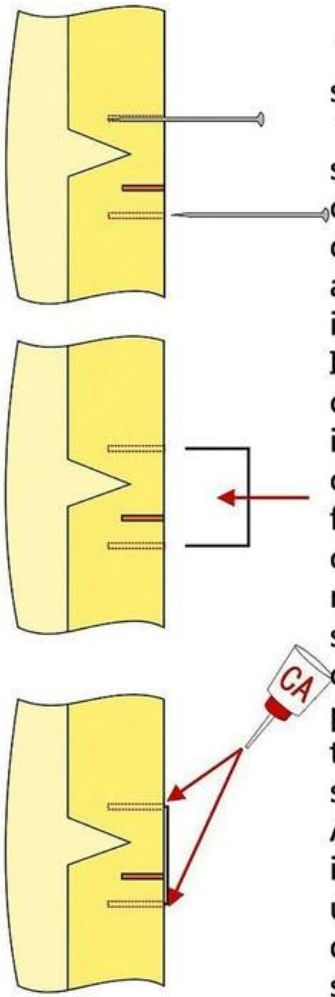
Glue the control horn and the stab. holder.

Repeat
on the

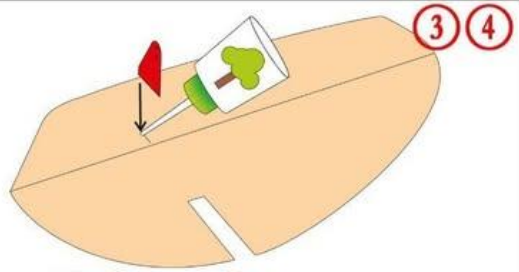




Bend it



The rudder horn is
side of the launch p
the rudder horn is i
side of the rudder. T
opposite the horn. C
cut a small amount
at a 45° angle for th
installed after sandi
Install the tape hing
c as well as around
installed. Installed o
close to the horn as
for holding. Next m
of the spring will be
mark. Uninstall the
side where your ma
out as well. As you i
pinching either side
the wire does not p
spring installed in th
After both holes hav
into their respective
until they bottom ou
done!. The servos w
springs when install

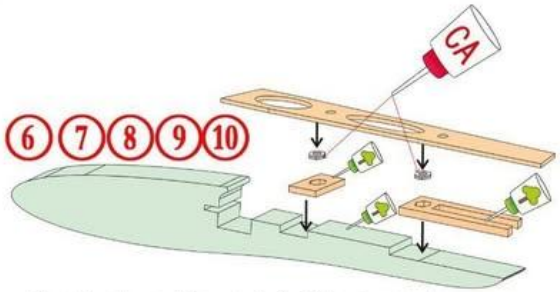


When finished them, install the springs. Please follow the pull-spring guide!

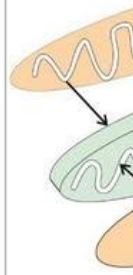
Slide
into
in th

Use CA sparingly!

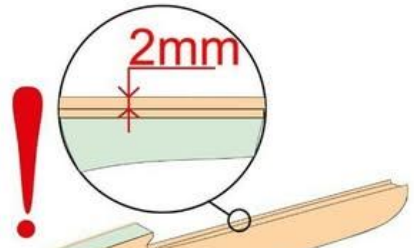
Any weight you add at the rear will need 3X more in the nose.



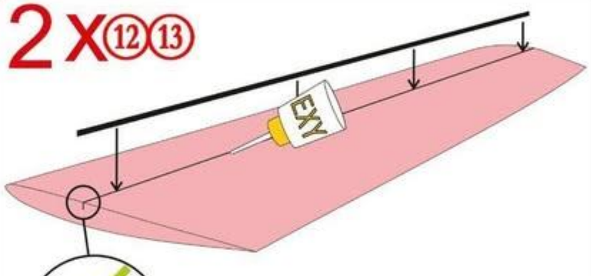
First glue the nut holders on to the plywood wing holder plate.
Then CA the nuts in place.
Slide complete wing holder plate into place the glue in with wood glue



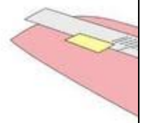
Glue
with



2X⑫⑬

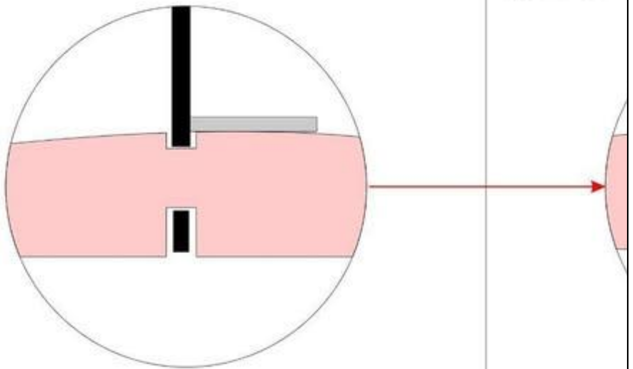


Glued the bottom spar into their place.

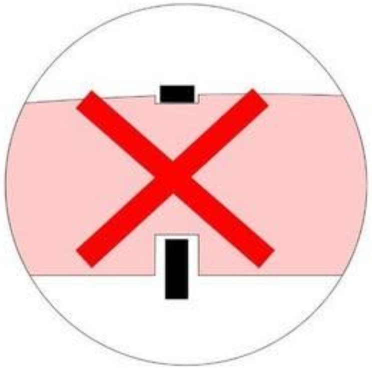


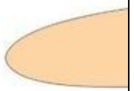
2X⑪

Prepare
The loca
Pull it
spar on



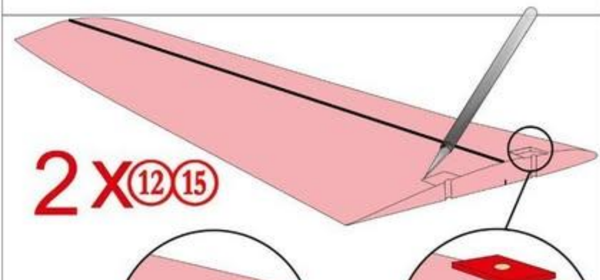
⑫⑭⑮

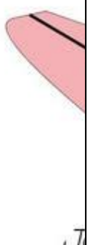




Locate one
Mark the sc
Use a round
Similarly ma
reinforcemen
the plywood
checking the

2X⑫⑮





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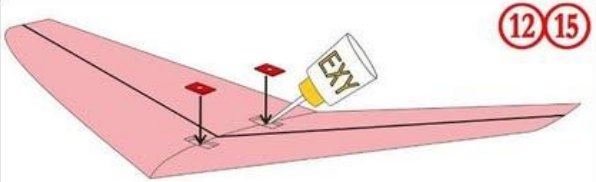
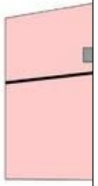


Install the plywood wing reinforcements.



Install
in to t

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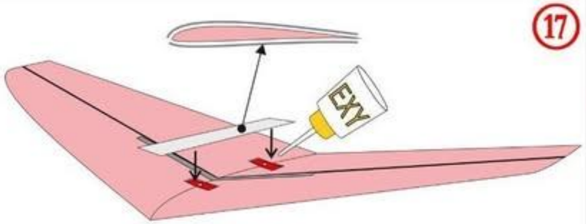
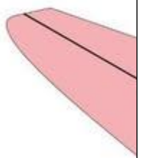
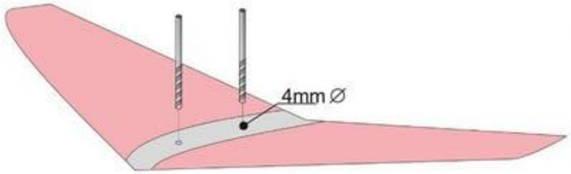


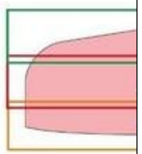
Install the fiberglass strips on to the top and bottom side.



Heat



Drill holes for the wing mounting screws.



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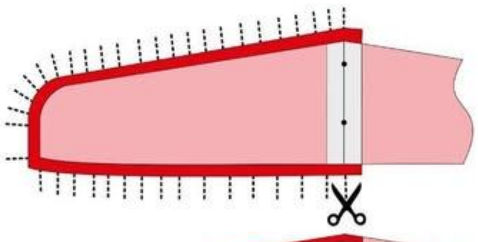
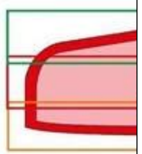
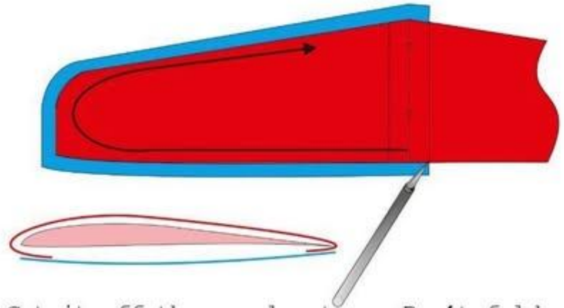
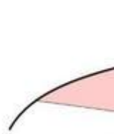


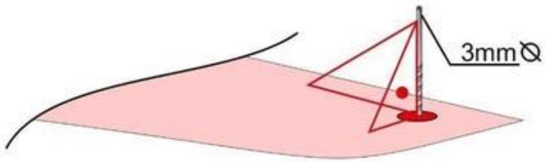




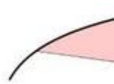
Cut it off the surplus tape. Don't fold up the bottom tape over the leading edge!



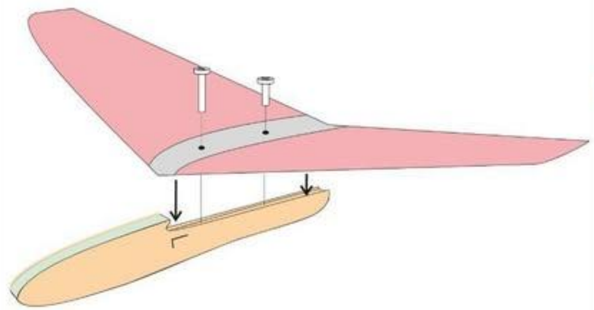
Glue u
plywoo
launch



Drill a 3mm hold for the launch peg.



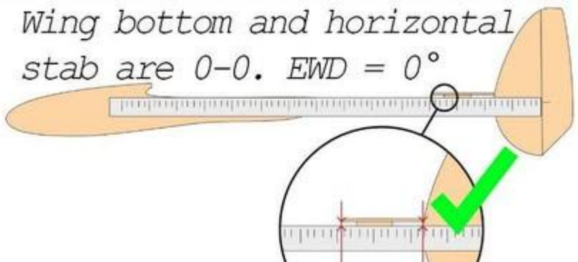
Glue
rod p
CA.

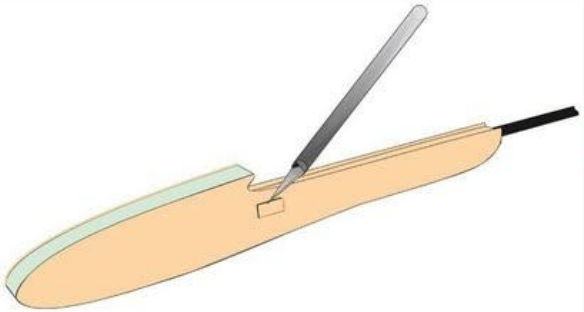


Place the wing on to the nose

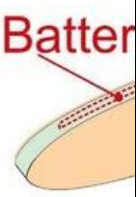
Assem
all a

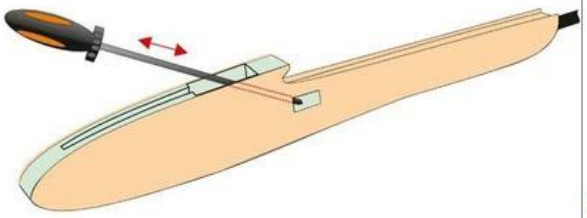
Wing bottom and horizontal stab are 0-0. EWD = 0°



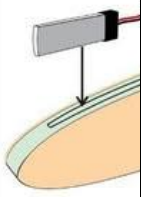


Cut out pockets for the servos, b

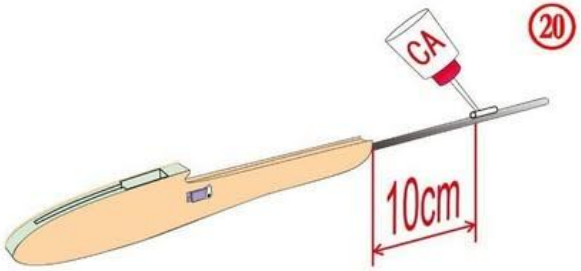




Carve out channels
for the cables.

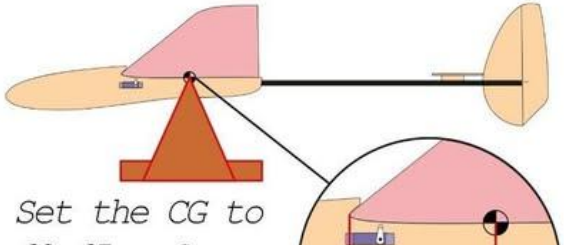


Insta



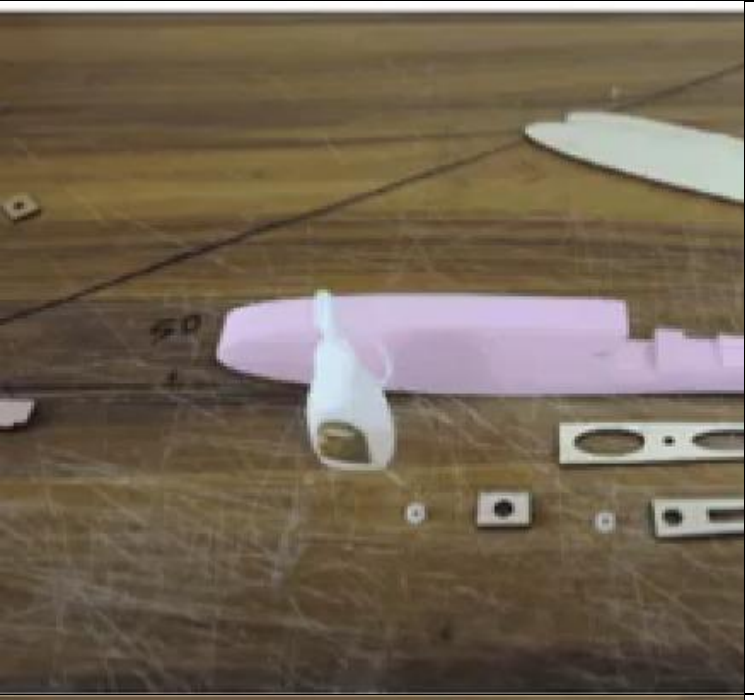
Glue the nylon tube(cut the
lenght 10mm) 10cm
behind the pod.

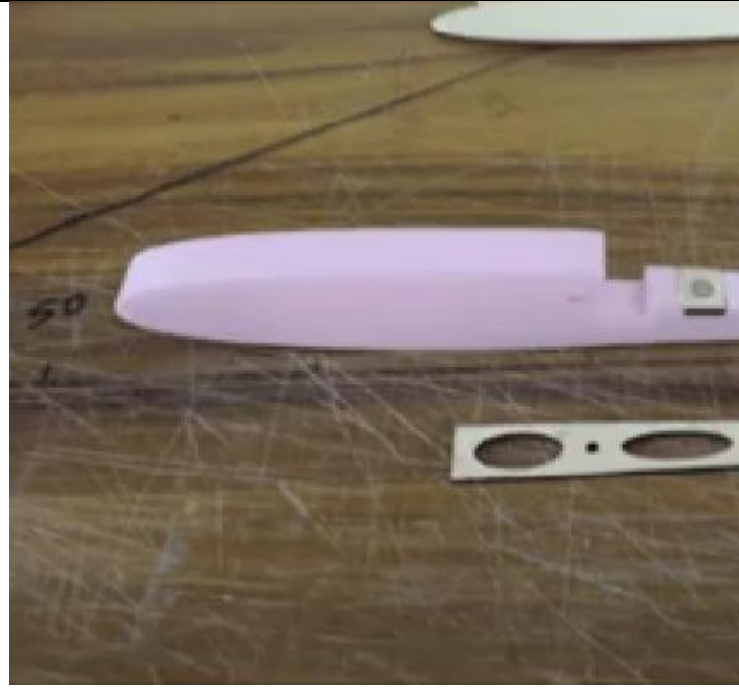
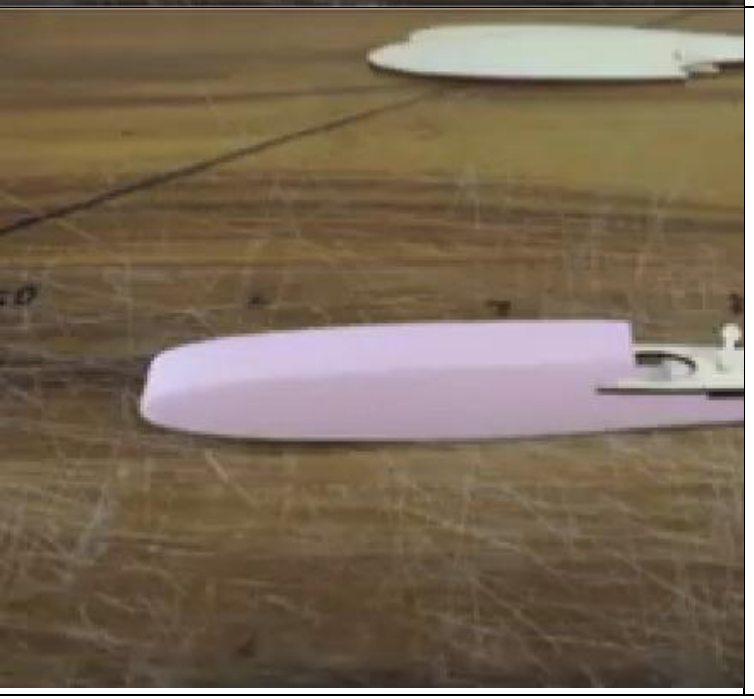
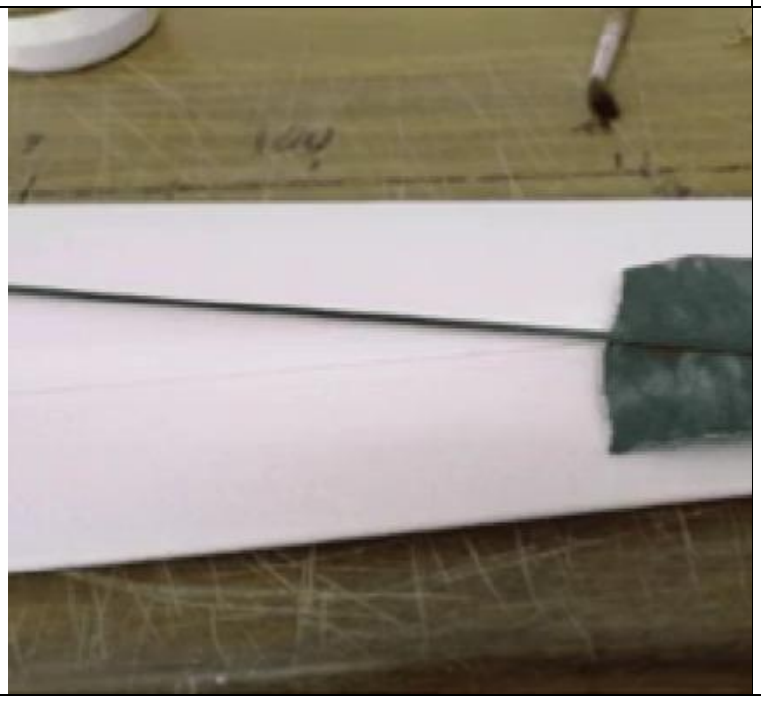
Insta
in to
horns



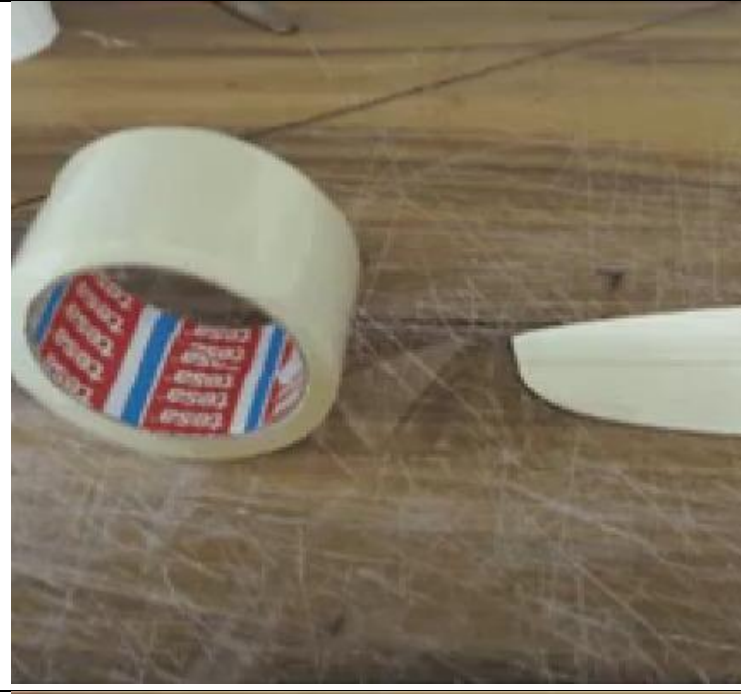
Set the CG to

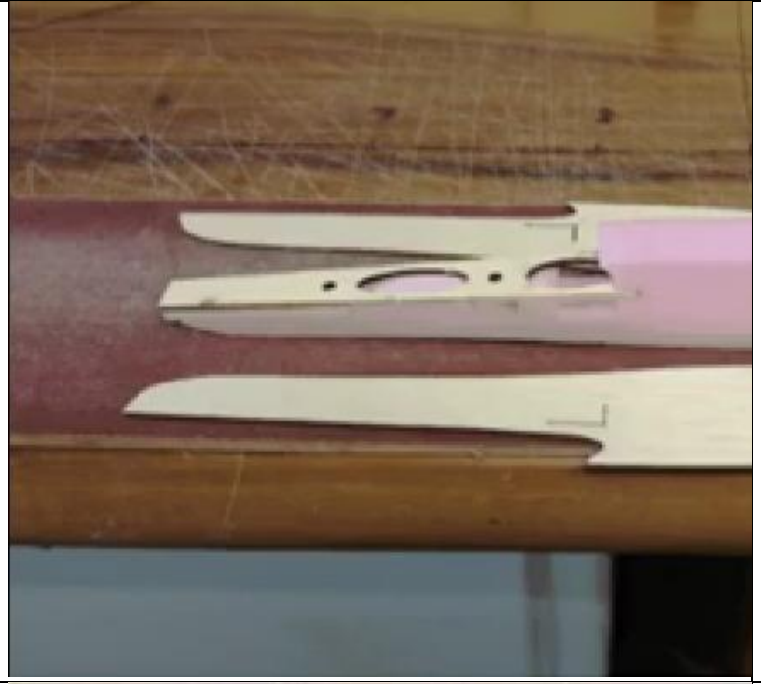
G



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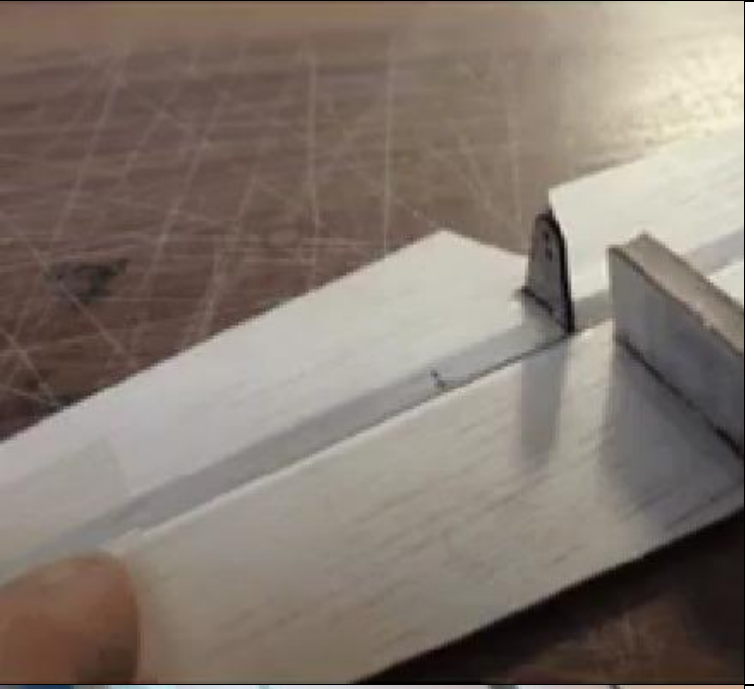







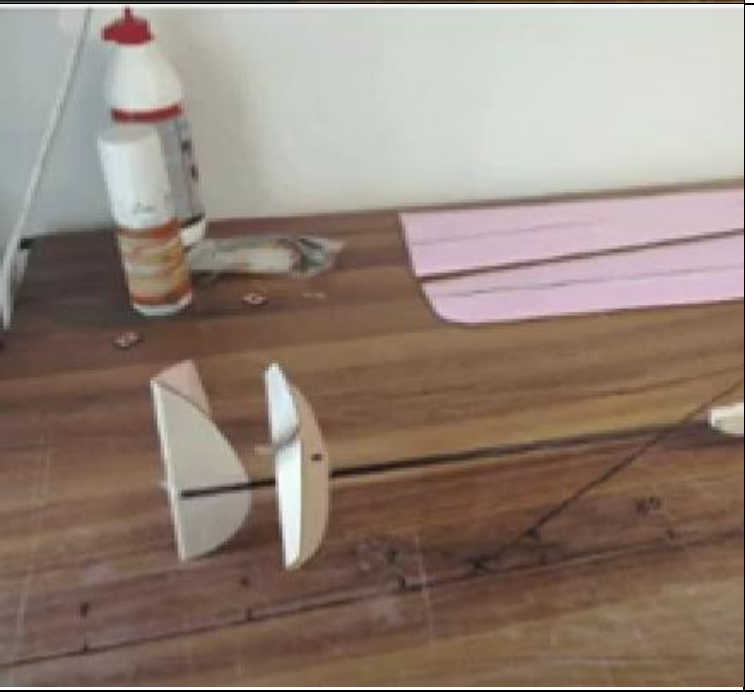

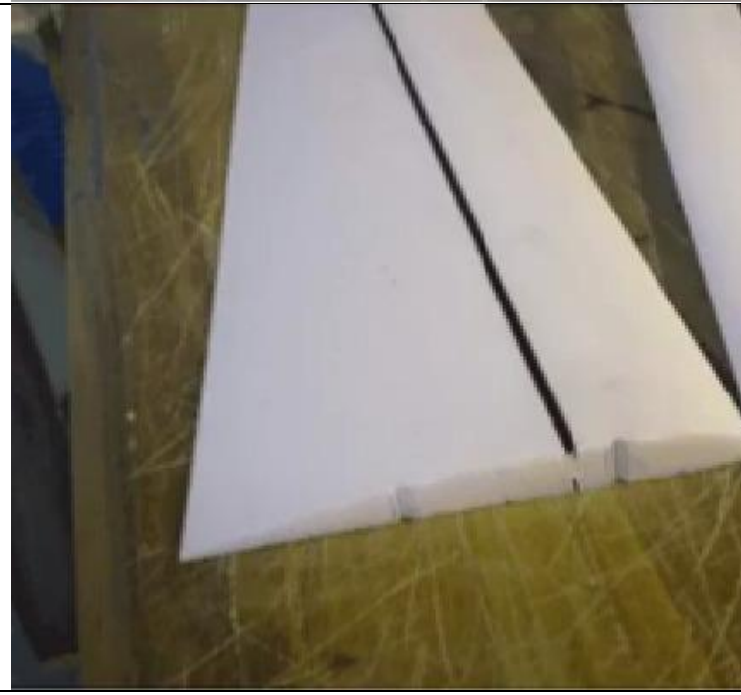



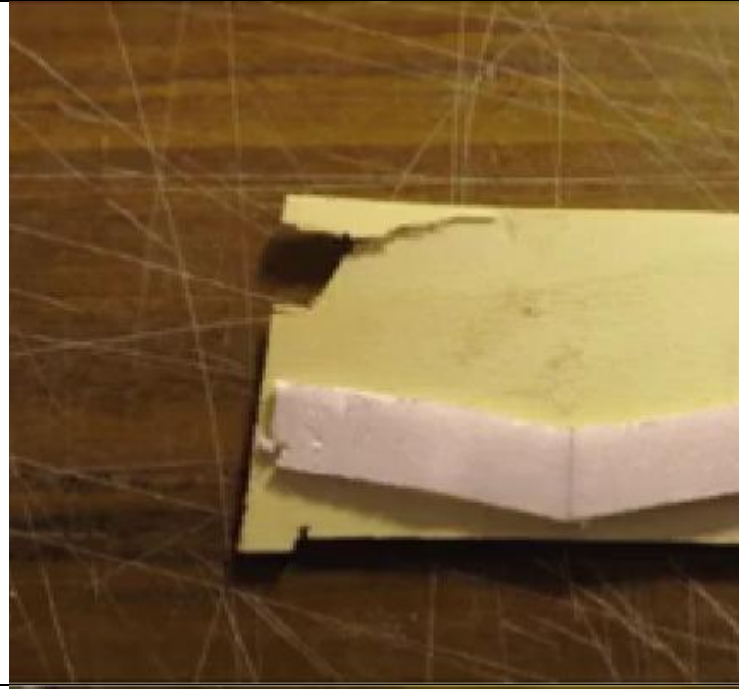
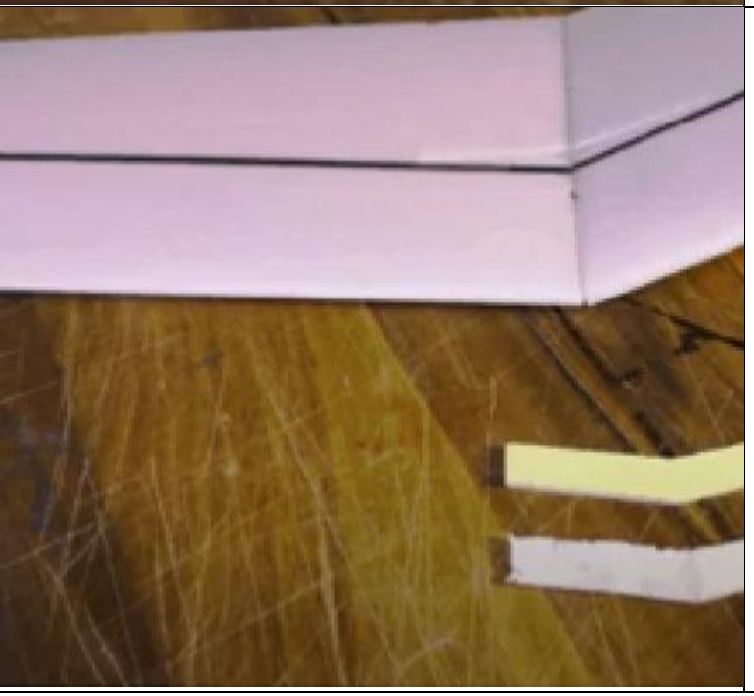
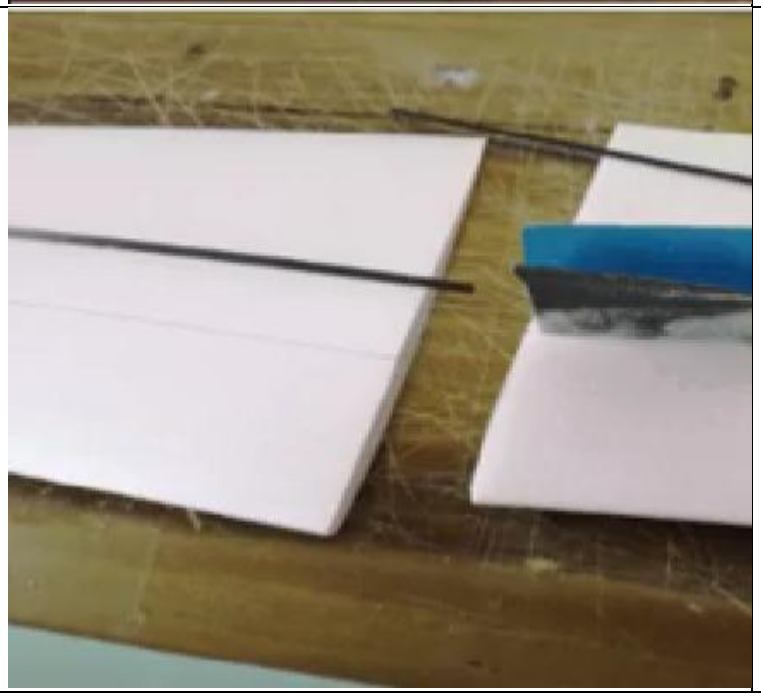
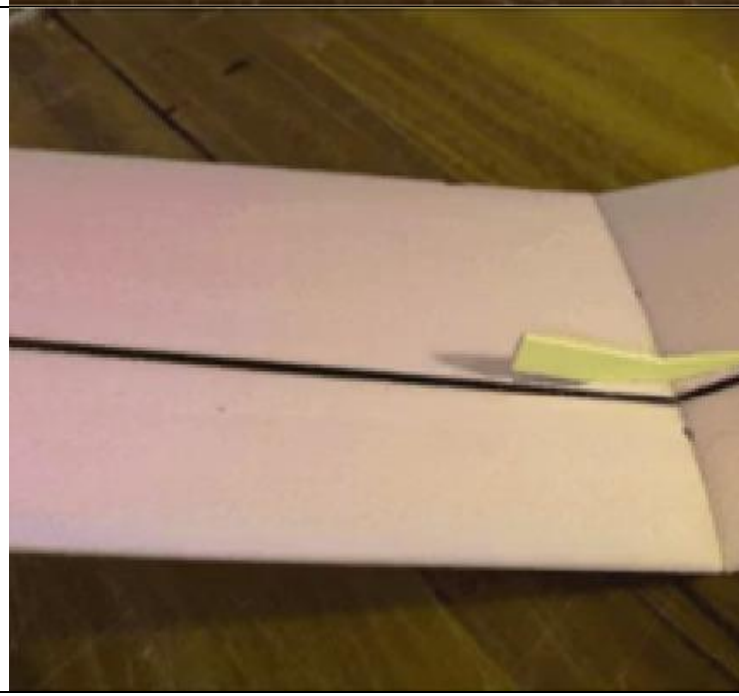

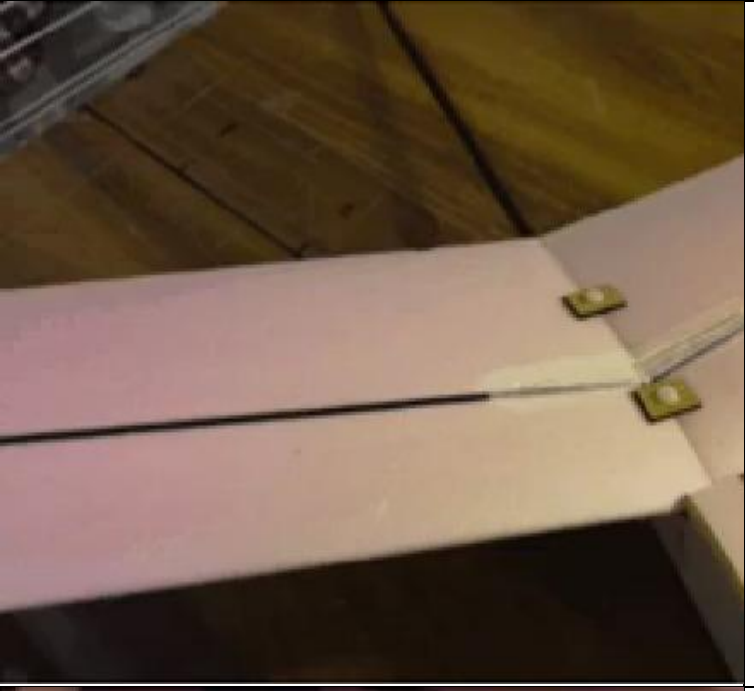
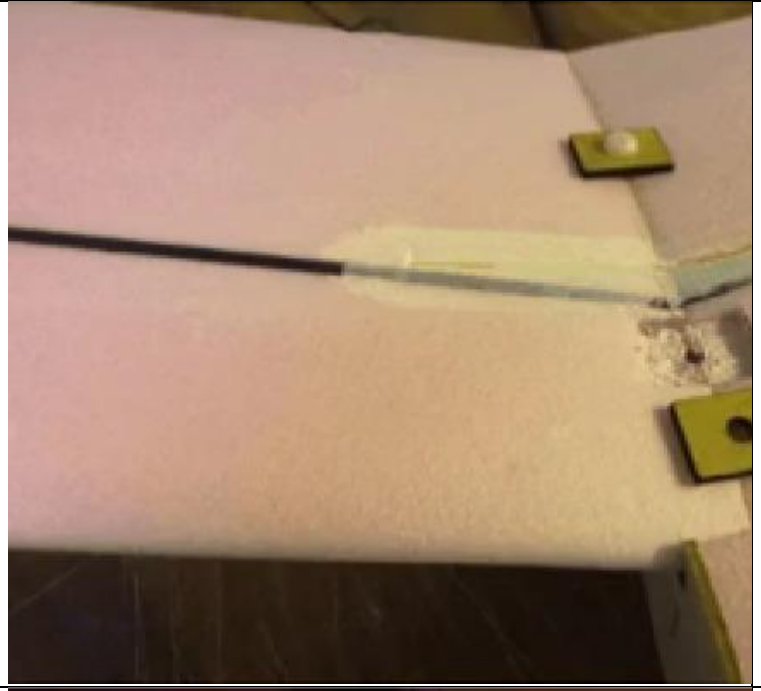




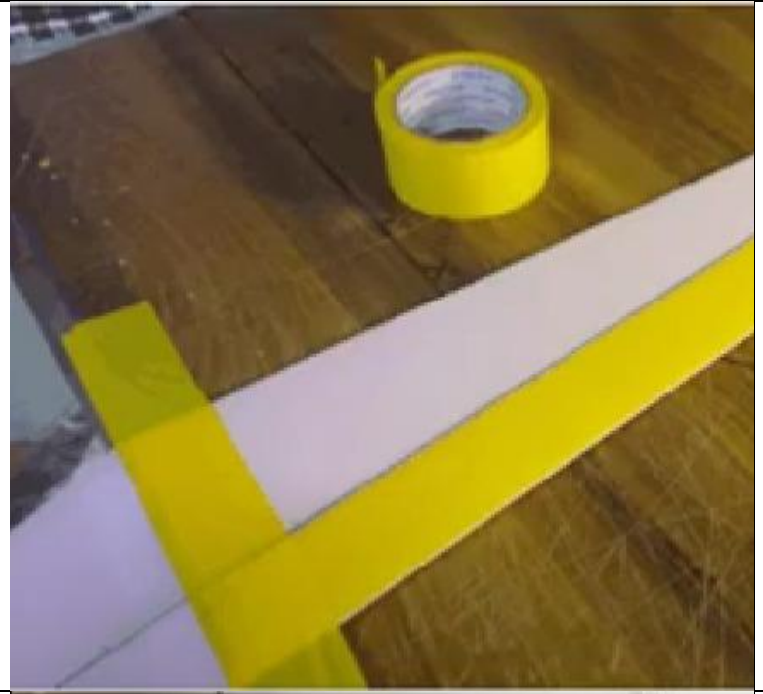



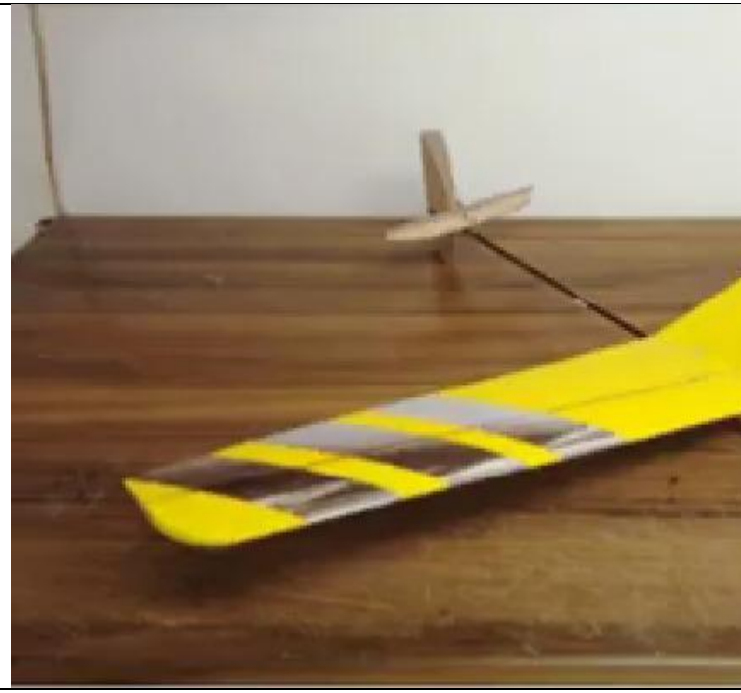

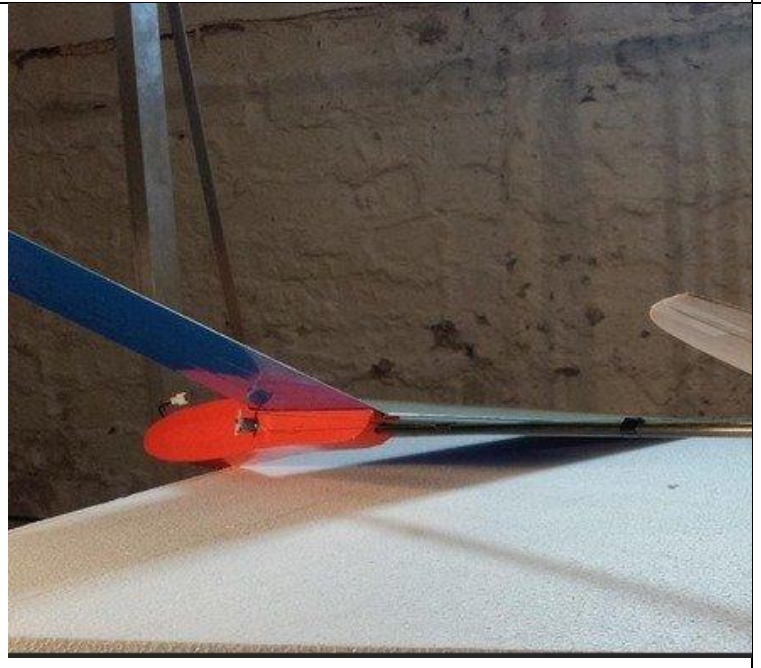

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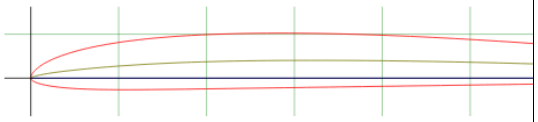
I isa571 to isa962 (4)
J j5012 to joukowsk0021 (7)
K k1 to kenmar (11)
L l1003 to lwk80150k25 (24)
M m1 to mue139 (95)
N n0009sm to nplx (174)
O oa206 to oaf139 (9)
P p51droot to pw98mod (16)
R r1046 to rhodesg36 (63)
S s1010 to supermarine371ii (176)

AG03 (flat aft bottom) (ag03-il)

AG03 (flat aft bottom) - Drela AG03 (flat aft botto



Details

(ag03-il) AG03 (flat aft bottom)
Drela AG03 (flat aft bottom) airfoil
Max thickness 6.2% at 25.7% chord.
Max camber 2% at 33.1% chord
Source UIUC Airfoil Coordinates Database
Source dat file
The dat file is in Selig format

Dat file

```
AG03 (flat aft bottom)
     1.000000     0.000662
     0.994875     0.001210
     0.984975     0.002247
     0.973308     0.003426
     0.960939     0.004647
```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Airfoil database search
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Airfoil comparison
Reynolds number calc
NACA 4 digit generator
NACA 5 digit generator

Information

Airfoil data
Lift/drag polars
Generated airfoil shapes

Searches

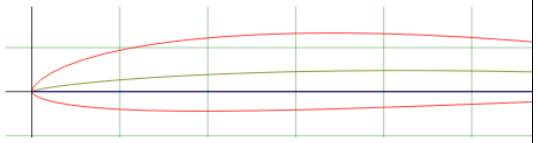
Symmetrical airfoils
NACA 4 digit airfoils
NACA 5 digit airfoils
NACA 6 series airfoils

Airfoils A to Z

A a18 to avistar (88)
B b29root to bw3 (22)
C c141a to curtisc72 (40)
D dae11 to du861372 (28)
E e1098 to esa40 (209)
F falcon to fxs21158 (121)
G geminism to gu255118 (419)
H hh02 to ht23 (63)

MH 32 8.7% (mh32-il)

MH 32 8.7% - Martin Hepperle MH 32 for F3E a



Details

(mh32-il) MH 32 8.7%
Martin Hepperle MH 32 for F3E and F3B
Max thickness 8.7% at 30.2% chord.
Max camber 2.3% at 45.7% chord
Source UIUC Airfoil Coordinates Database
Source dat file
The dat file is in Selig format

Dat file

```
MH 32  8.7%
  1.00000000  0.00000000
  0.99671850  0.00034782
  0.98706463  0.00149967
  0.97145561  0.00363339
  0.95035123  0.00677805
```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Airfoils A to Z

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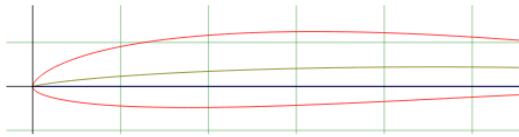
C c141a to curtisc72 (40)
D dae11 to du861372 (28)
E e1098 to esa40 (209)
F falcon to fxs21158 (121)
G geminism to gu255118 (419)
H hh02 to ht23 (63)
I isa571 to isa962 (4)

AG24 Bubble Dancer DLG by Mark D

AG24 Bubble Dancer DLG by Mark Drela - Dre
Dancer R/C DLG



Details

(ag24-il) AG24 Bubble Dancer DLG by Mark Drela
Drela AG24 airfoil used on the Bubble Dancer R/C DLG
Max thickness 8.4% at 26% chord.
Max camber 2.2% at 46.9% chord
Source UIUC Airfoil Coordinates Database
Source dat file
The dat file is in Selig format

Dat file

```
AG24 Bubble Dancer DLG by M
     1.000000     0.000312
     0.994048     0.001043
     0.982038     0.002630
     0.968488     0.004486
     0.954647     0.006421
```