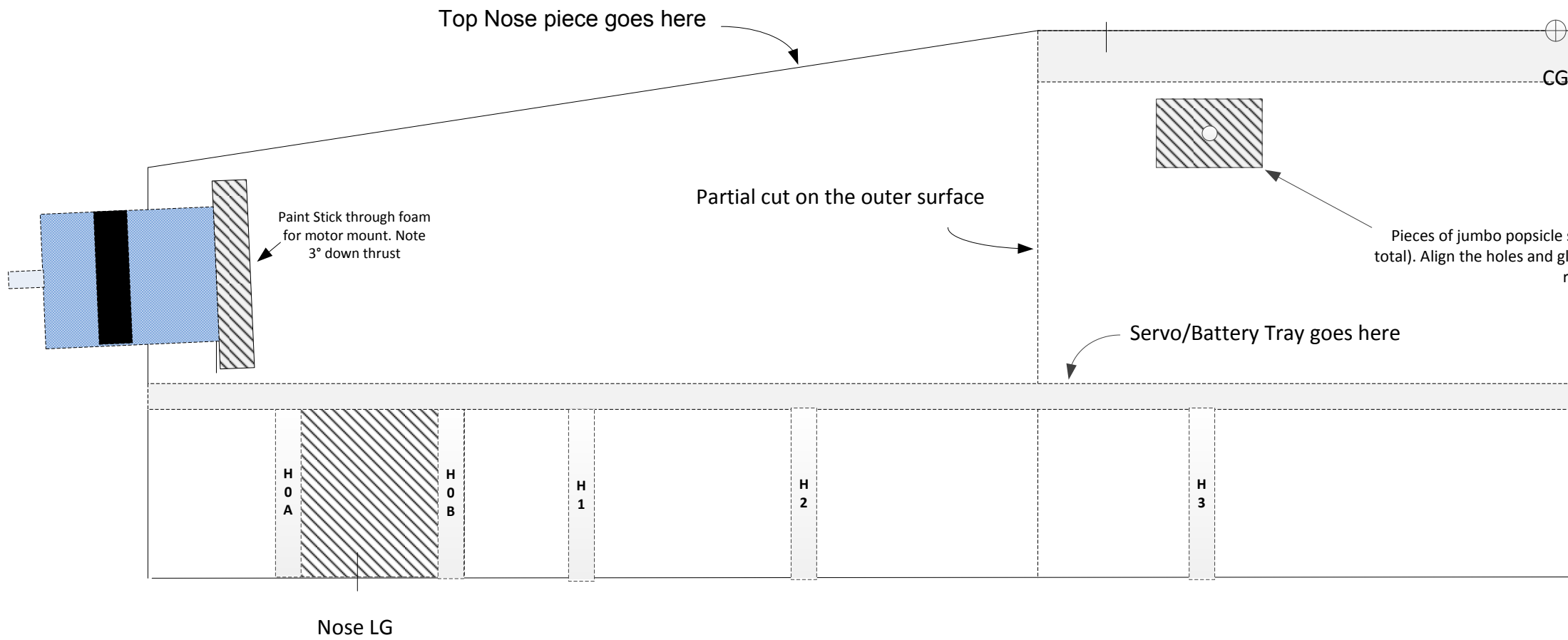
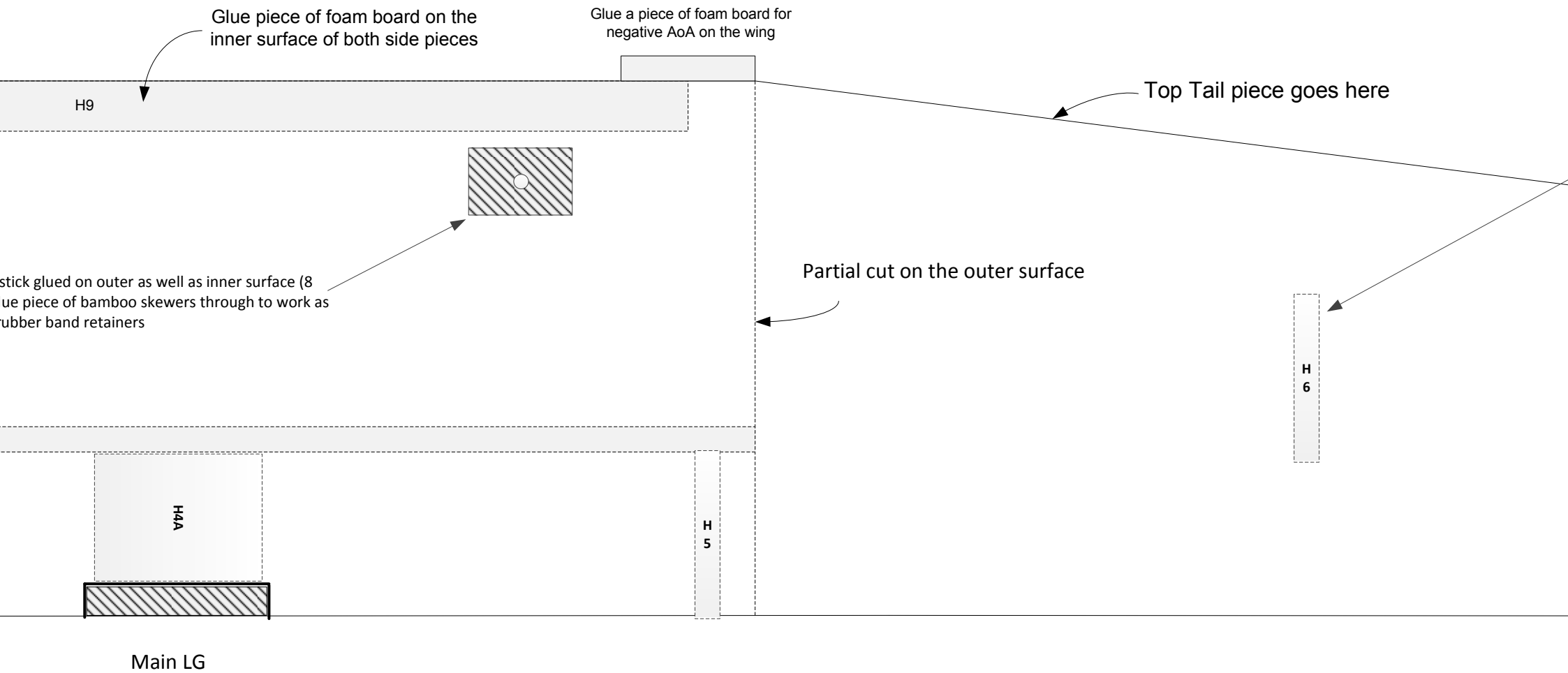


# Fantastik – The better looking sitk!

- Semi scale Foam board quick build plan by Elewon @RCGroups
- Single motor advanced trainer with ideas from the Ugly Stik.
- 58" WS, 4.2 sqft wing area, ~8.5 oz/sqft wing loading with ~8 oz battery
- Massive 10.5" chord and thick airfoil for good slow speed handling
- Tricycle landing gear and flaps for easy take offs, landings, and ground handling
- Electronics Required:
  - Servos: 9g x 7 (x5 with no flaps)
  - ESC: 30A or better
  - Motor: 70g 950kV or better
  - Battery: 2200 – 3300mAH x 1
  - LEDs: White/Red/Green strips
  - Prop: 10x5-10x8 depending on motor
- Other Materials:
  - DT foam board x 3 sheets
  - Low temp hot glue
  - ½ x ¾ x 1/16 Aluminum bar - 15"
  - 1mmx36" music wire for push rods – 3
  - Paint stir stick from Home Depot - 1
  - Screws, LG wheels etc
- Notes:
  - Battery capacity (**AH**) x **C** rating must be > 40
  - Use ESC with at least 3A BEC or a separate BEC
- Disclaimer:
  - This is an advanced trainer plane and requires some scratch building and flying experience. The plane is very stable, responsive, and easy to handle but easy to crash if you don't make right decisions.
  - This is an effort to document detailed plans for the said plane but it is not possible to cover every detail.
  - RC plane building and flying are dangerous activities and you are responsible for all your actions. Be safe and happy flying!

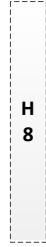
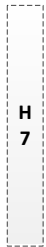






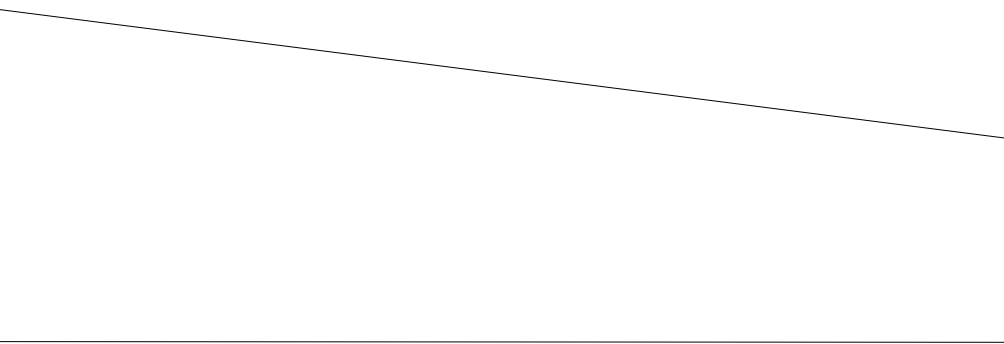
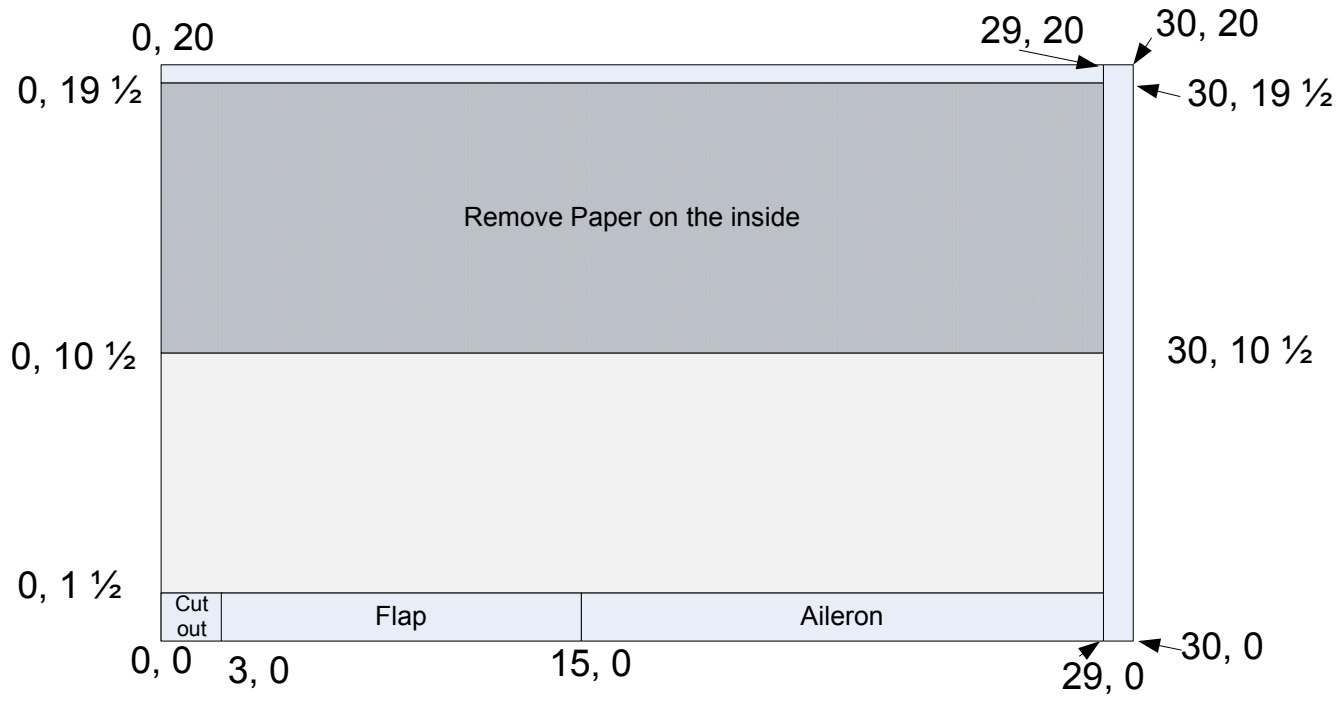
Wing half laid out  
sheet of foam board

Aft Bulk Heads plus push rod guides

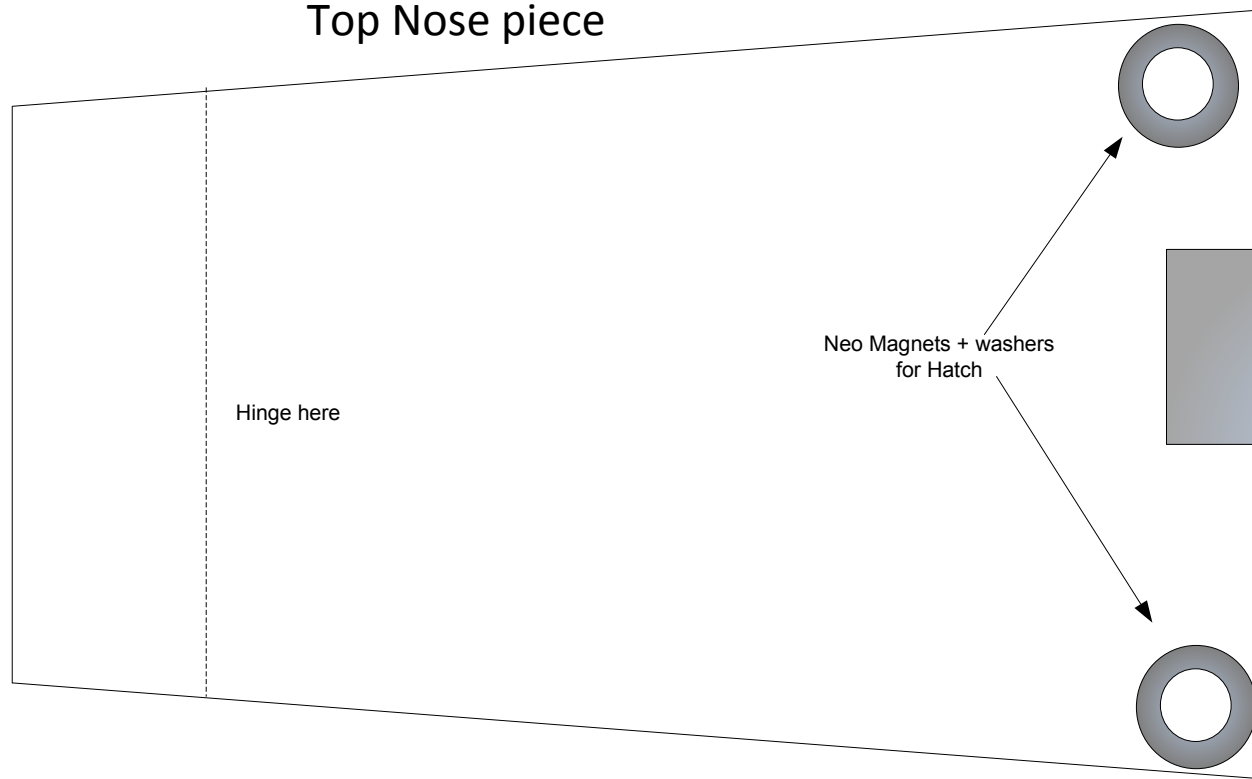


3 Inch Ruler

t on 1  
board



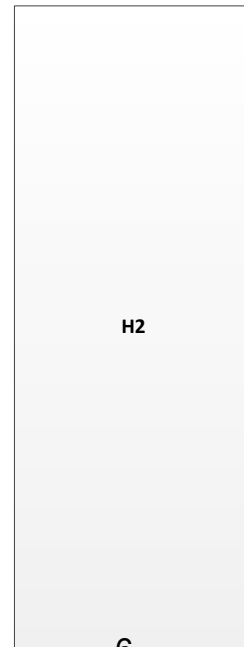
# Top Nose piece



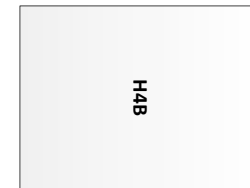
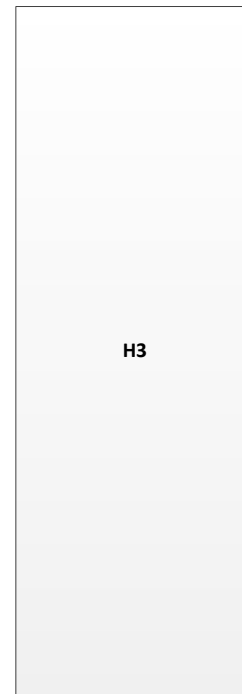
Neo Magnets + washers  
for Hatch

Piece of Tape for  
opening tab

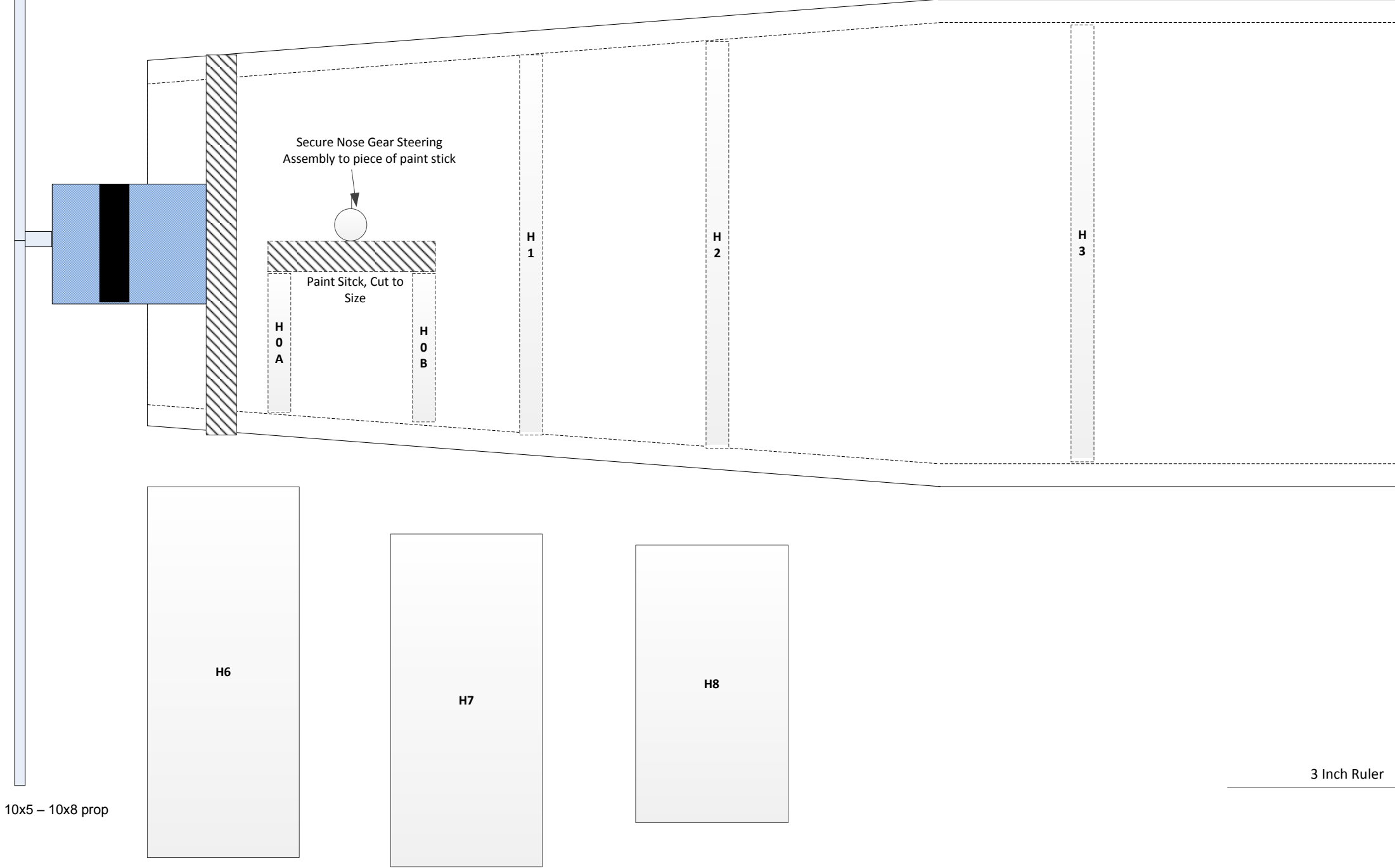
H5

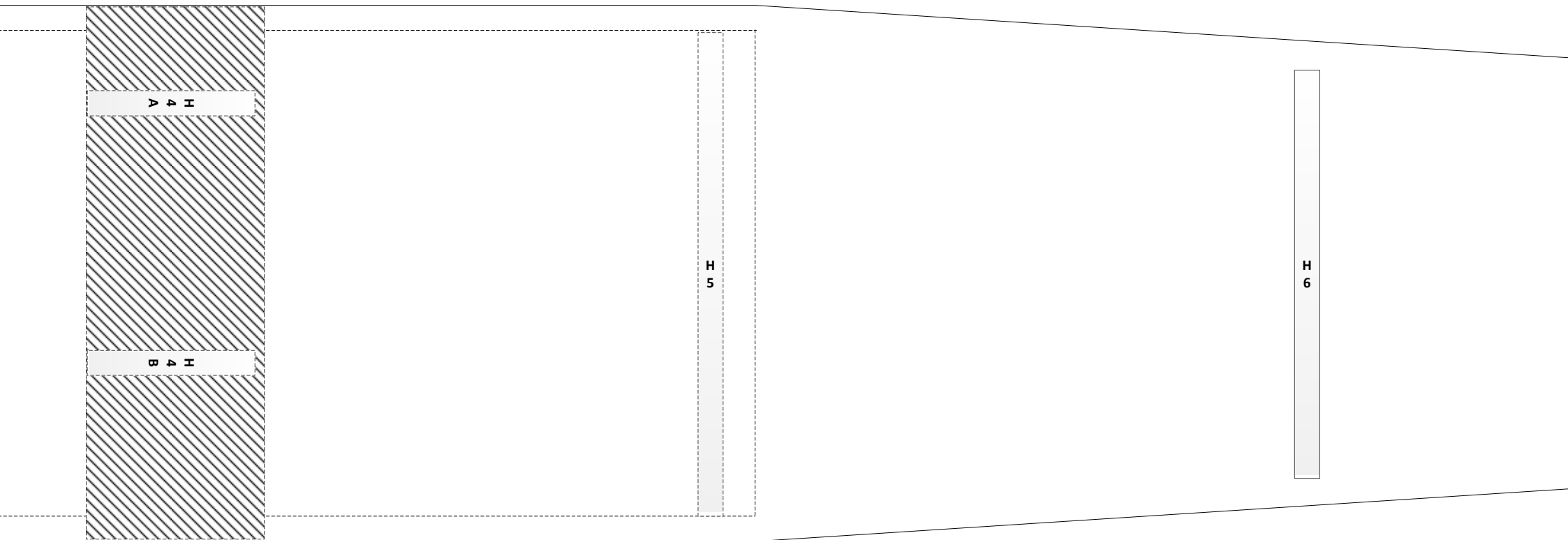


6



Fuse Bottom Plate





Bevel cut for a sharp edge

3  
I  
n  
c  
h

3 Inch Ruler



H  
7

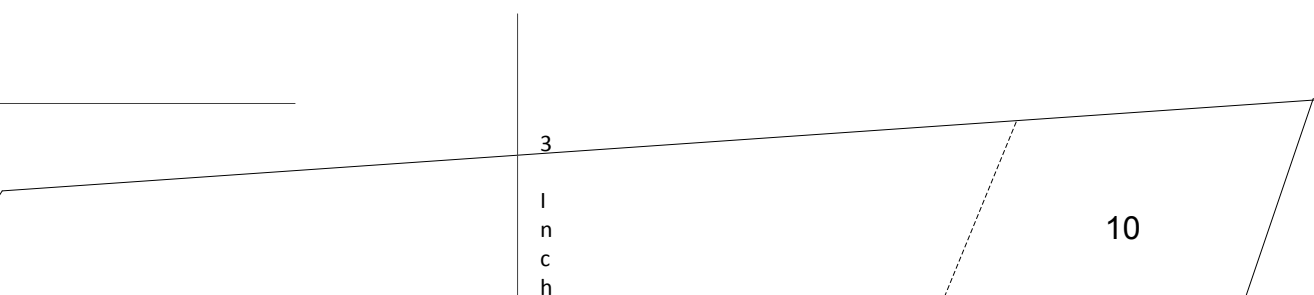
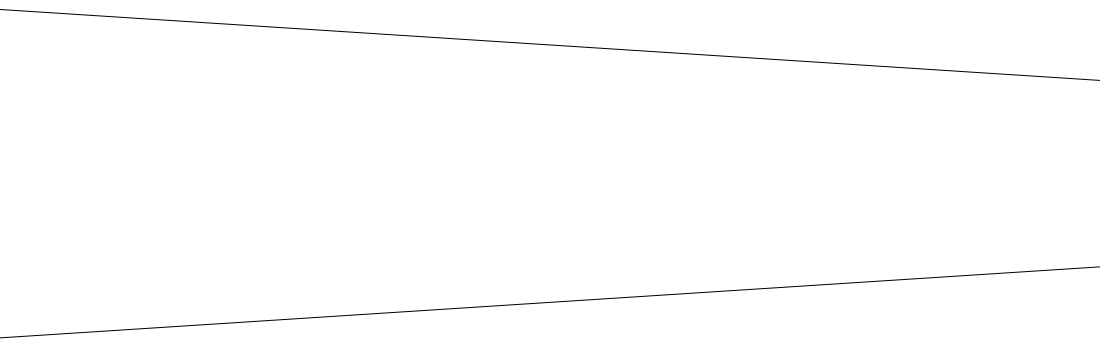
H  
8

Bevel cut for a sharp edge

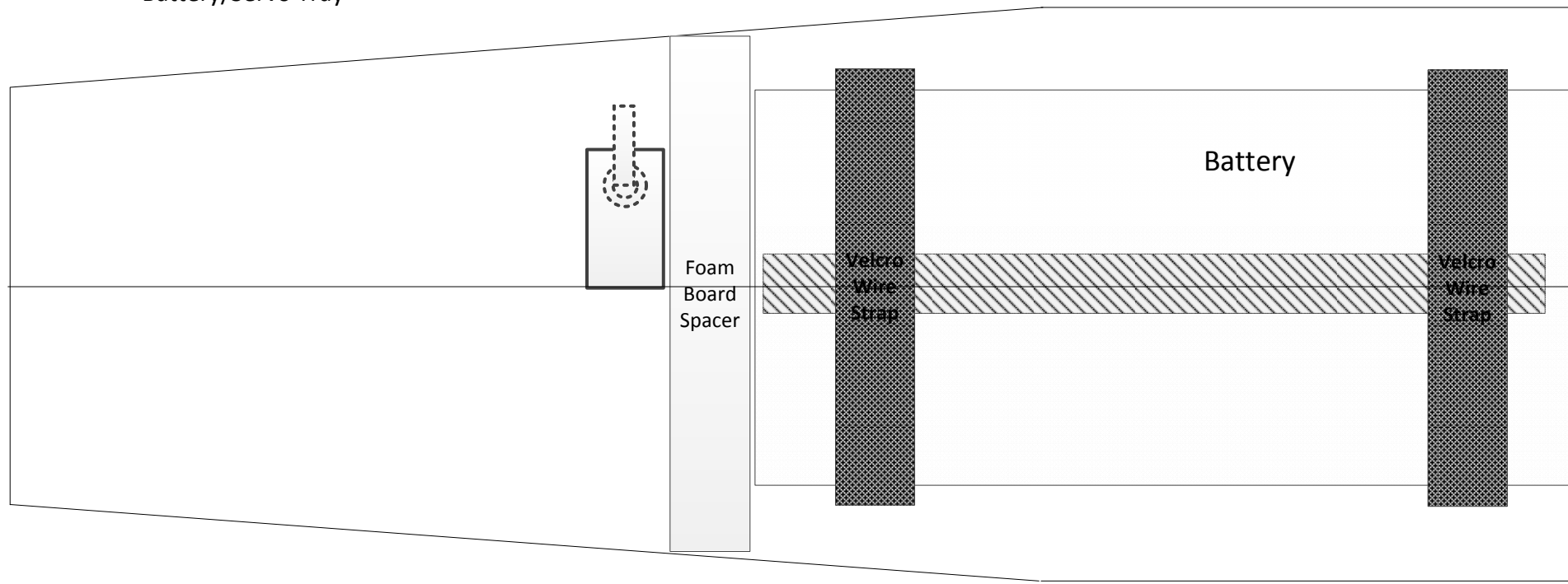
3  
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9

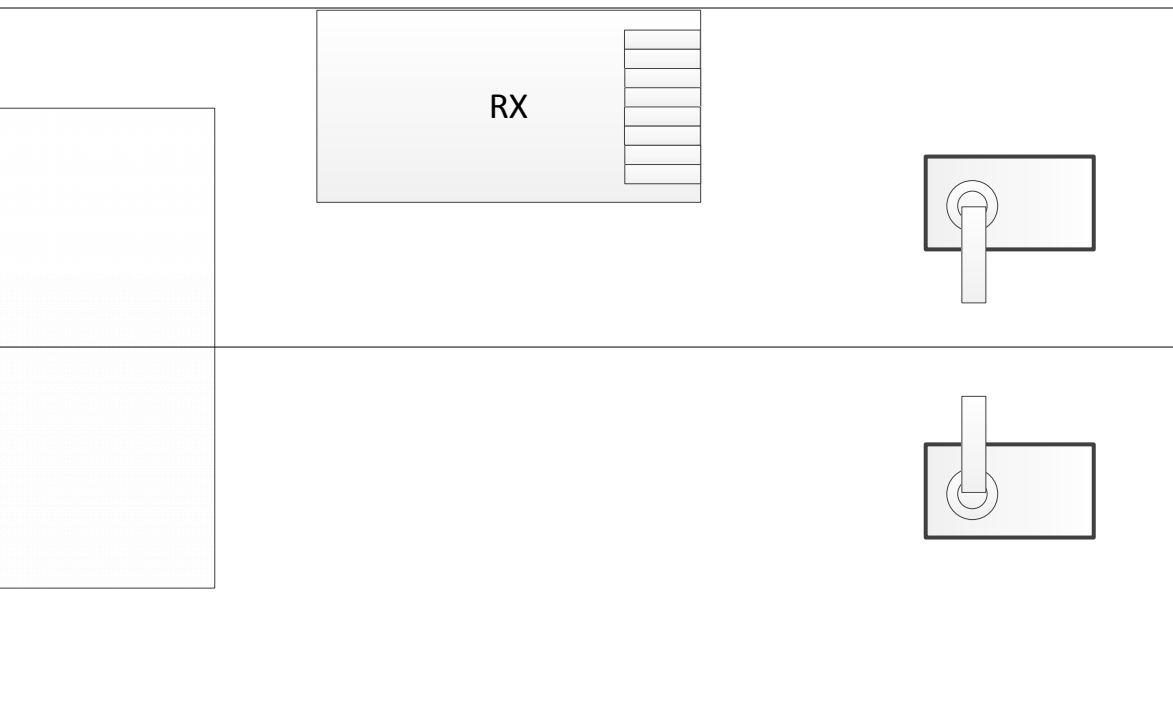
3 Inch Ruler



Battery/Servo Tray



3 Inch Ruler



Aft Fuse/T

3 Inch Ruler

R  
u  
l  
e  
r

tail Top piece

3 Inch Ruler

H Stab + Elevator

R  
u  
l  
e  
r

Bevel cut for a sharp edge

Bevel cut for a sharp edge

Hinge Line

V Stab + Rud

3 Inch Ruler

