

# Cessna 172 Skyhawk RC Build Blueprint

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GitHub Code



Original CAD Model

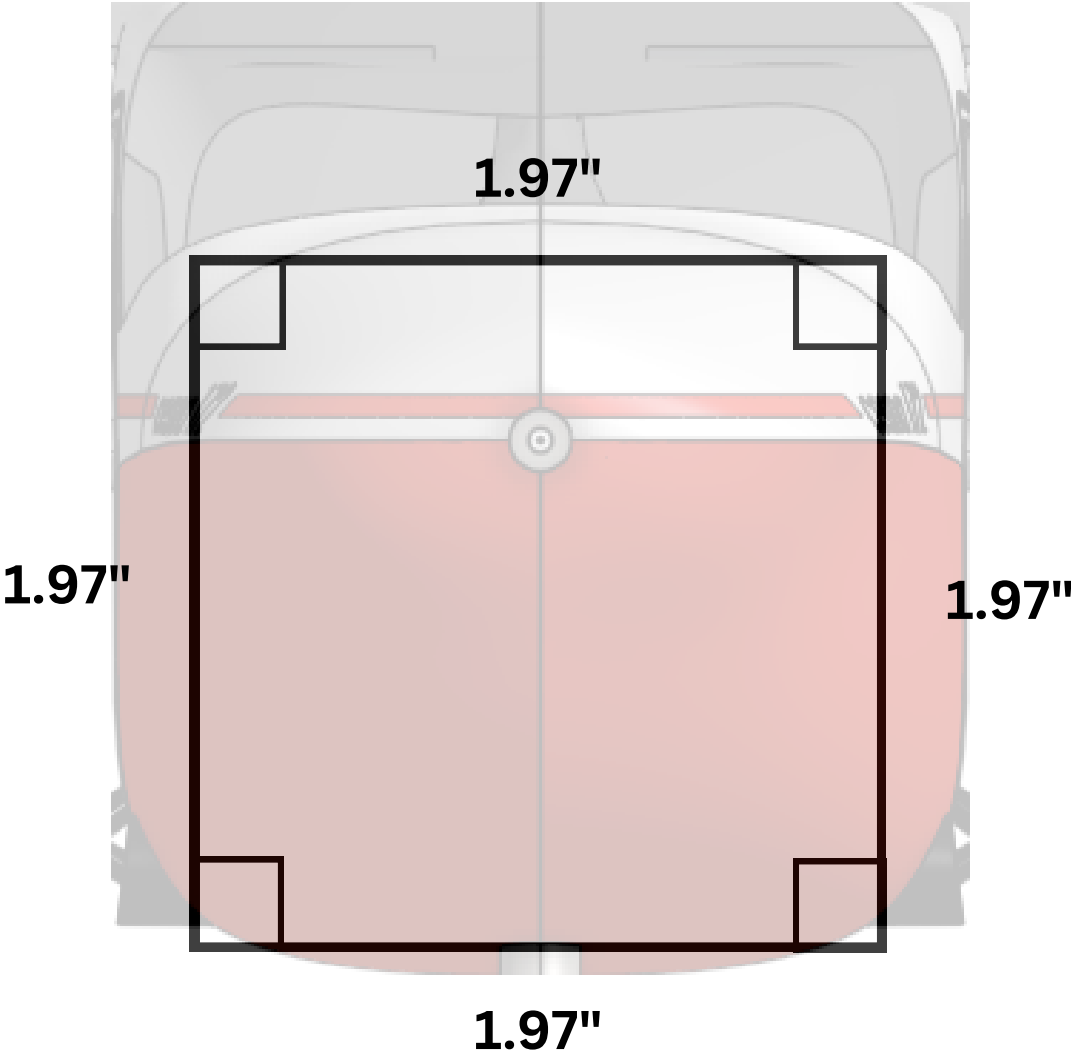
# Notes

- Visuals are not to scale
- Material (Foamboard) thickness of 0.213"
- Angles, Lengths & Special Steps Included
- 37" wingspan
- 5" wing chord but 7" used for my model
- Simplified Wing (Option 1: Straight Leading and Trailing Edge)
- Simplified Rudder/Elevator Surfaces

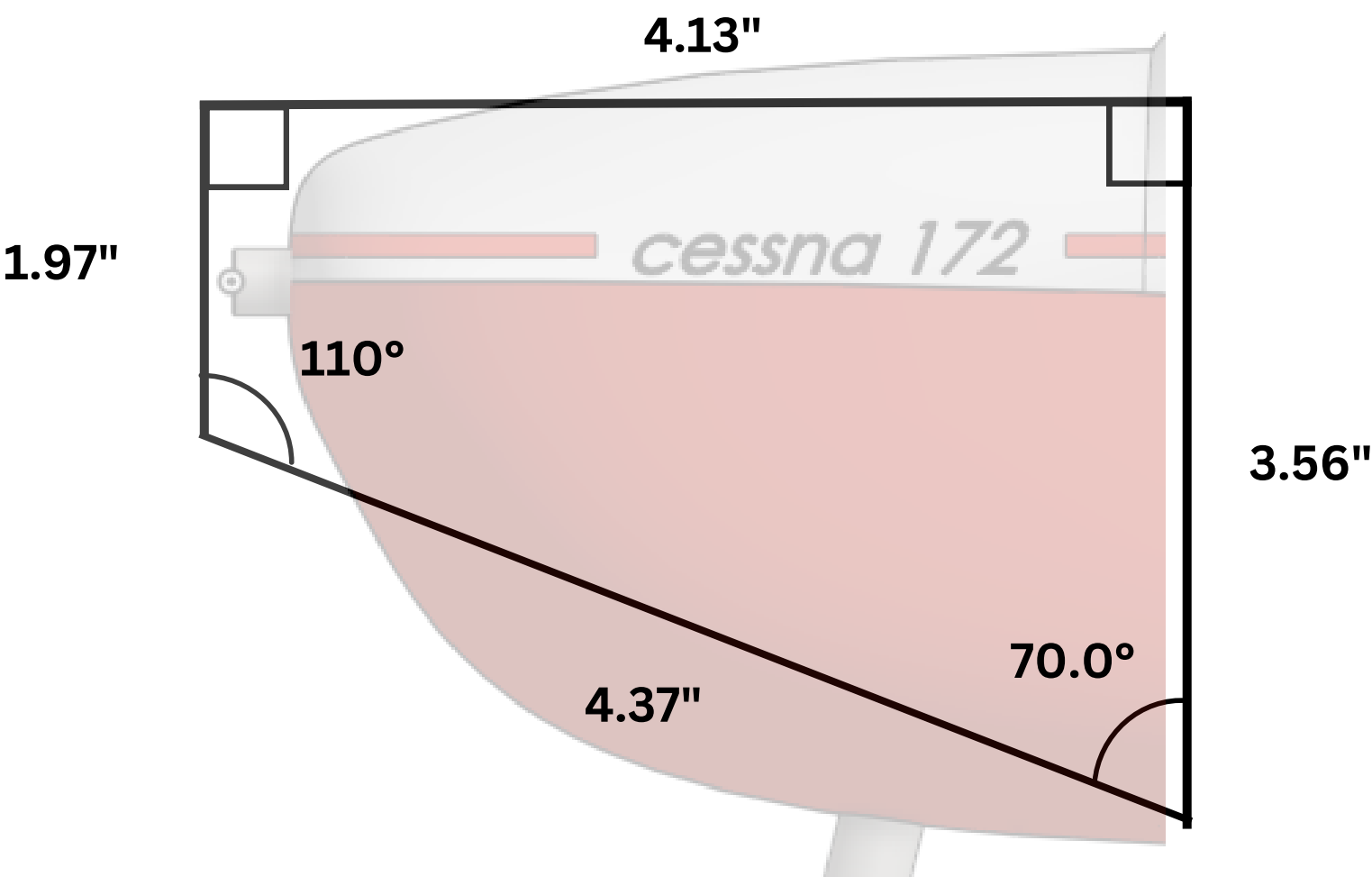
# Credits

- Tim McKay : Build a Foam Wing in 10 Minutes! and Many Interesting/Helpful Videos
- Onshape Community for Cessna 172 CAD

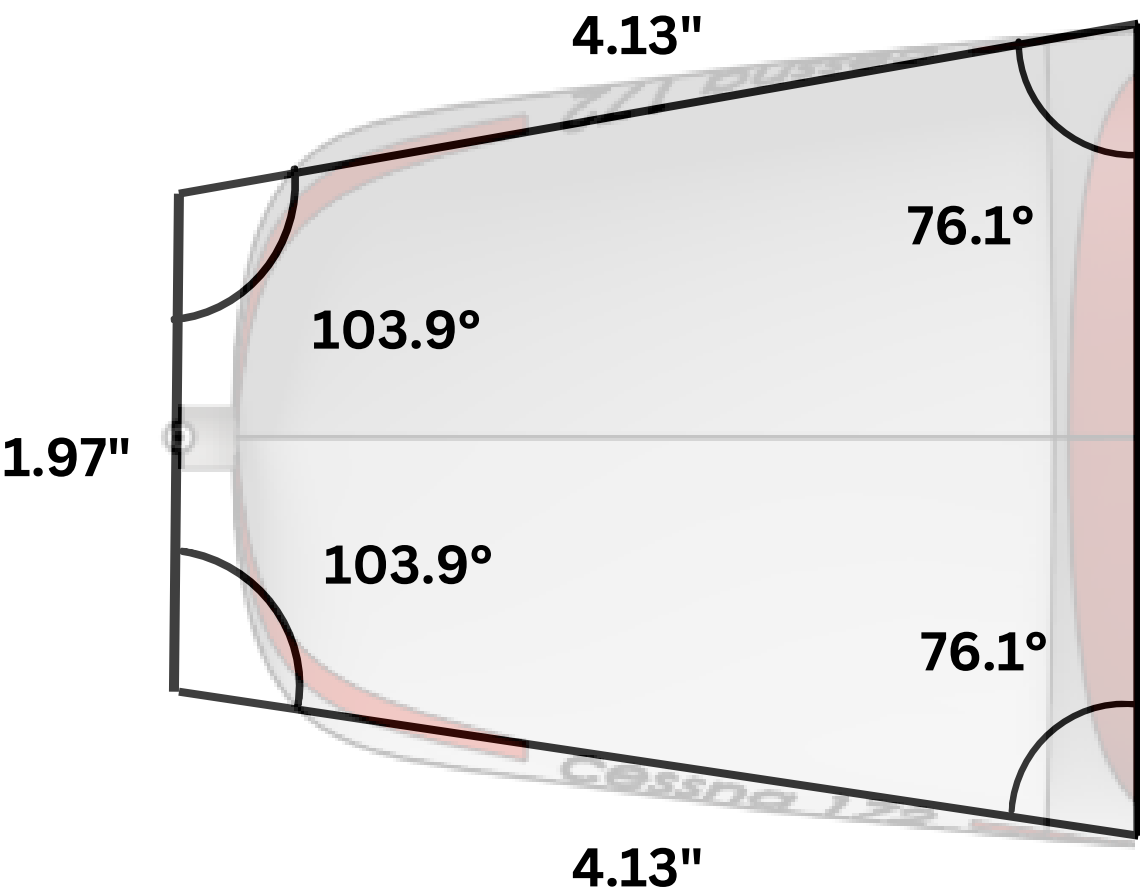
# Engine



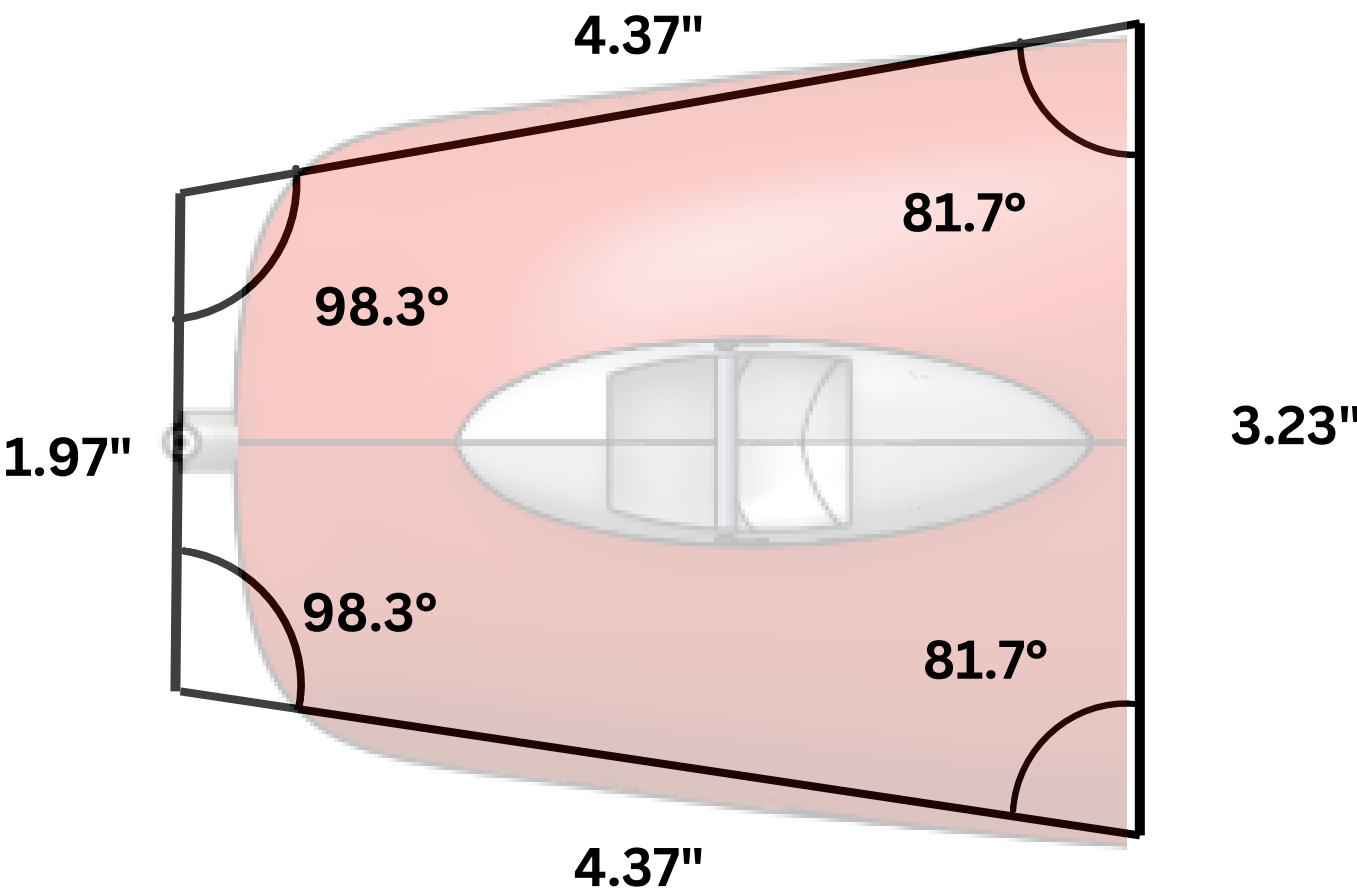
Engine Front



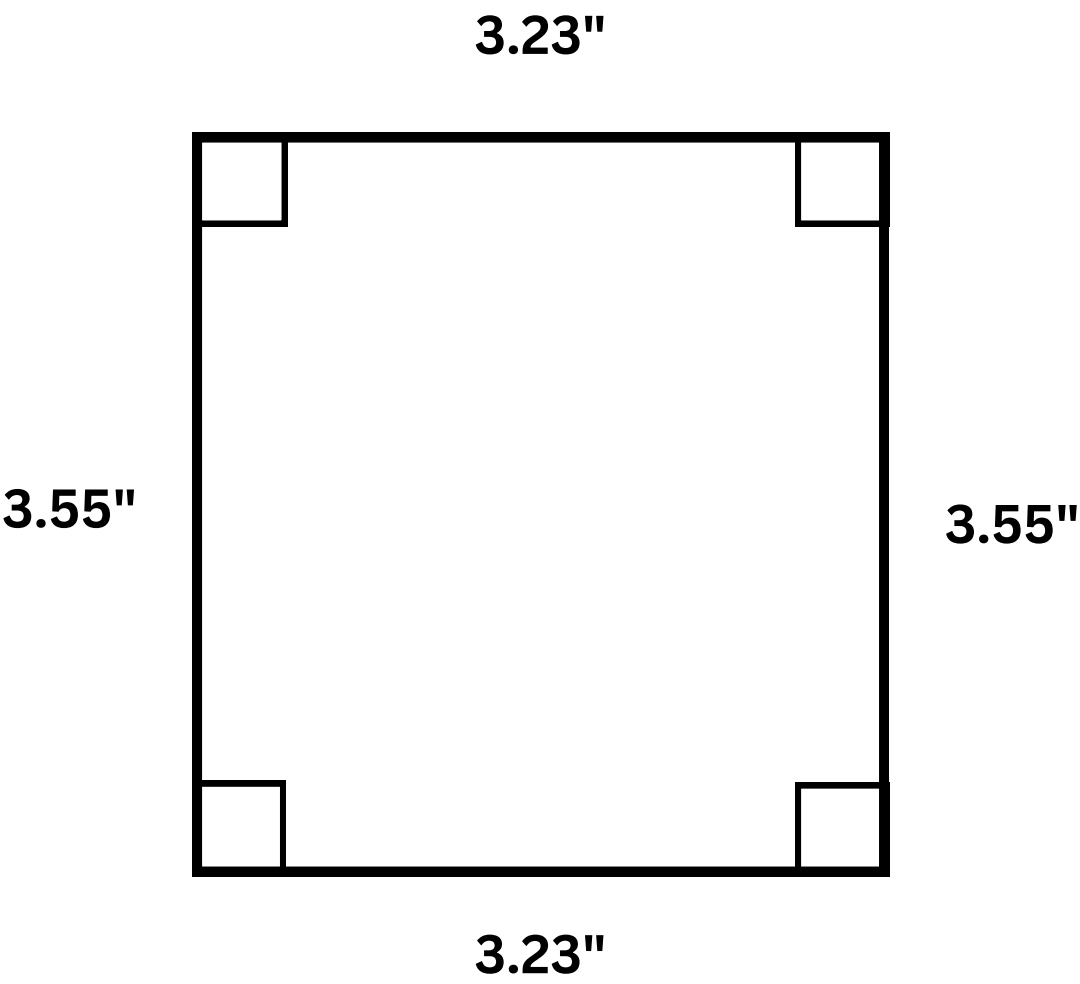
Engine Side x 2



Engine Top

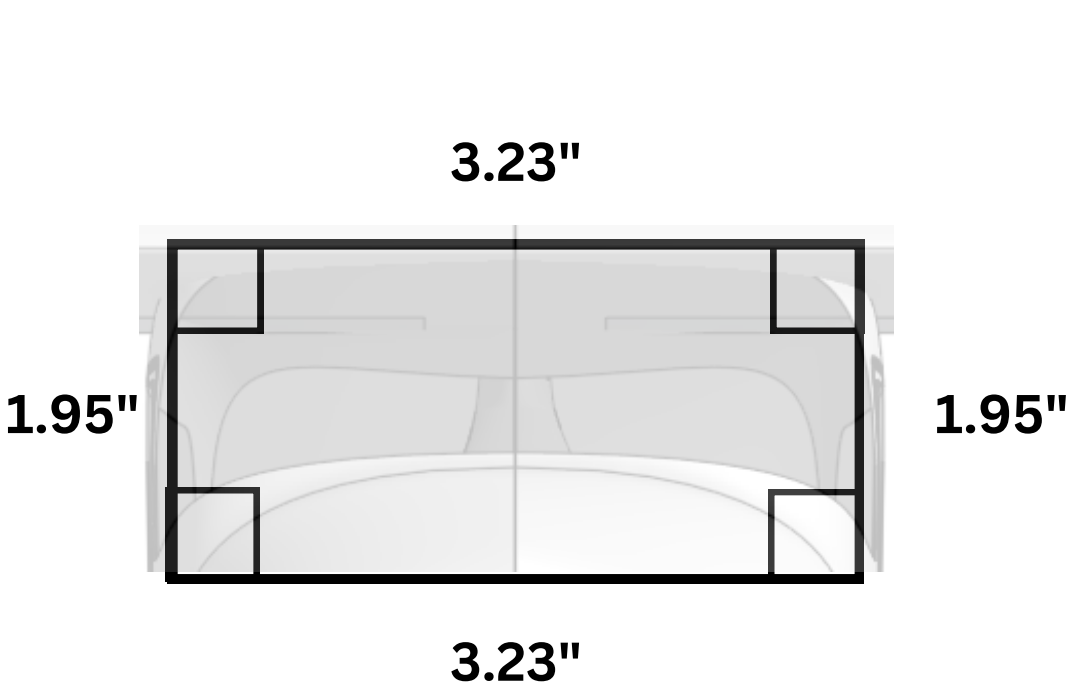


Engine Bottom

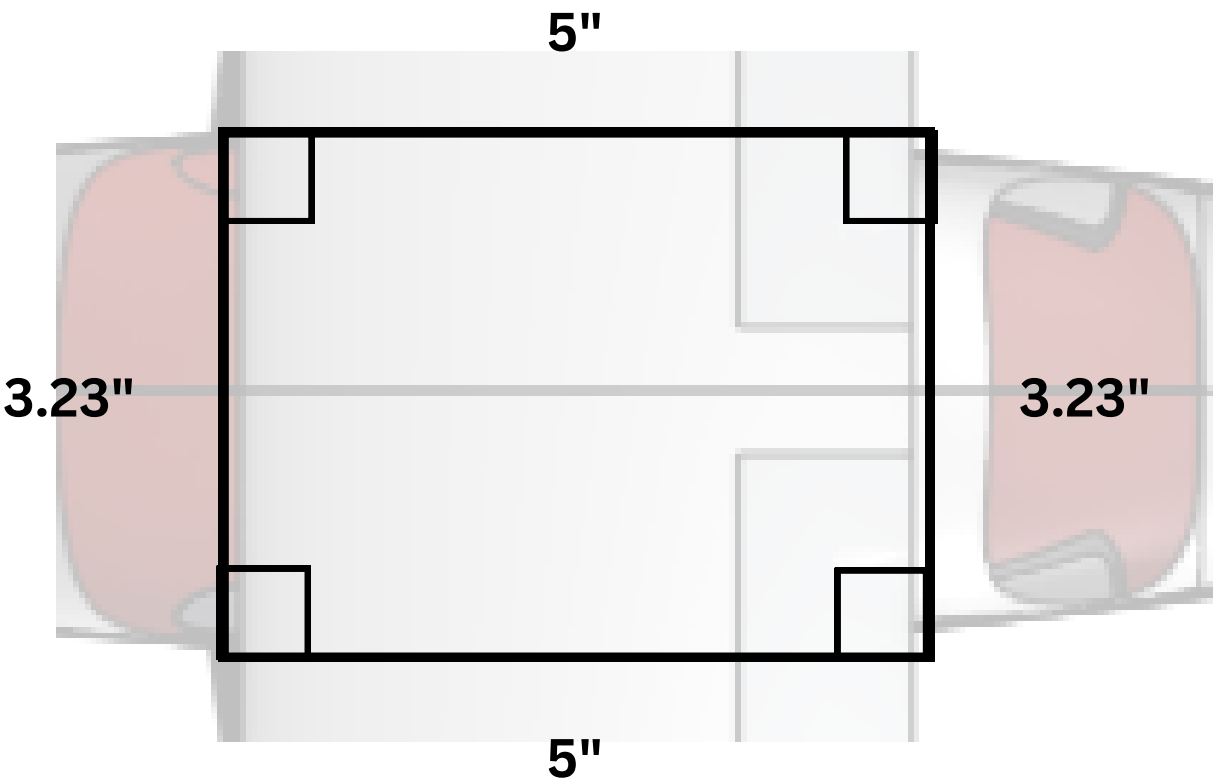


Engine Back (Support)

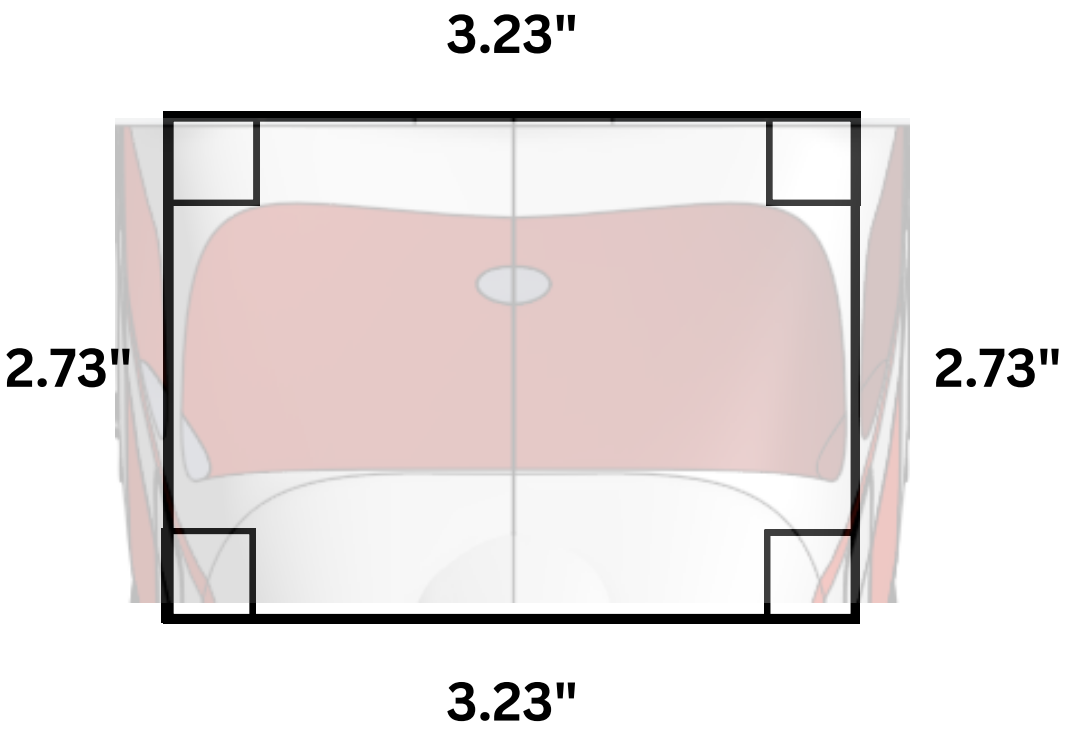
# Fuselage/Cockpit



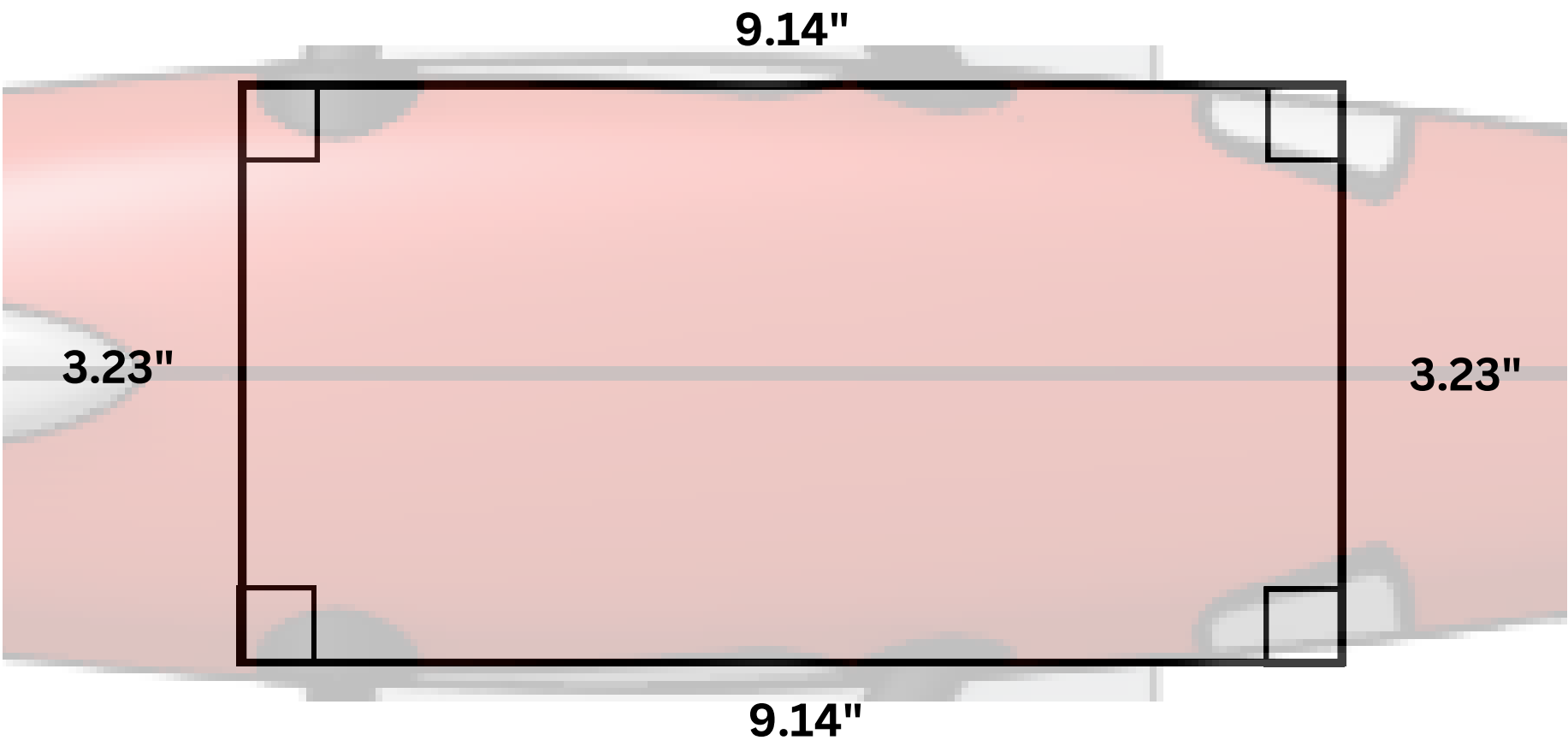
Windshield



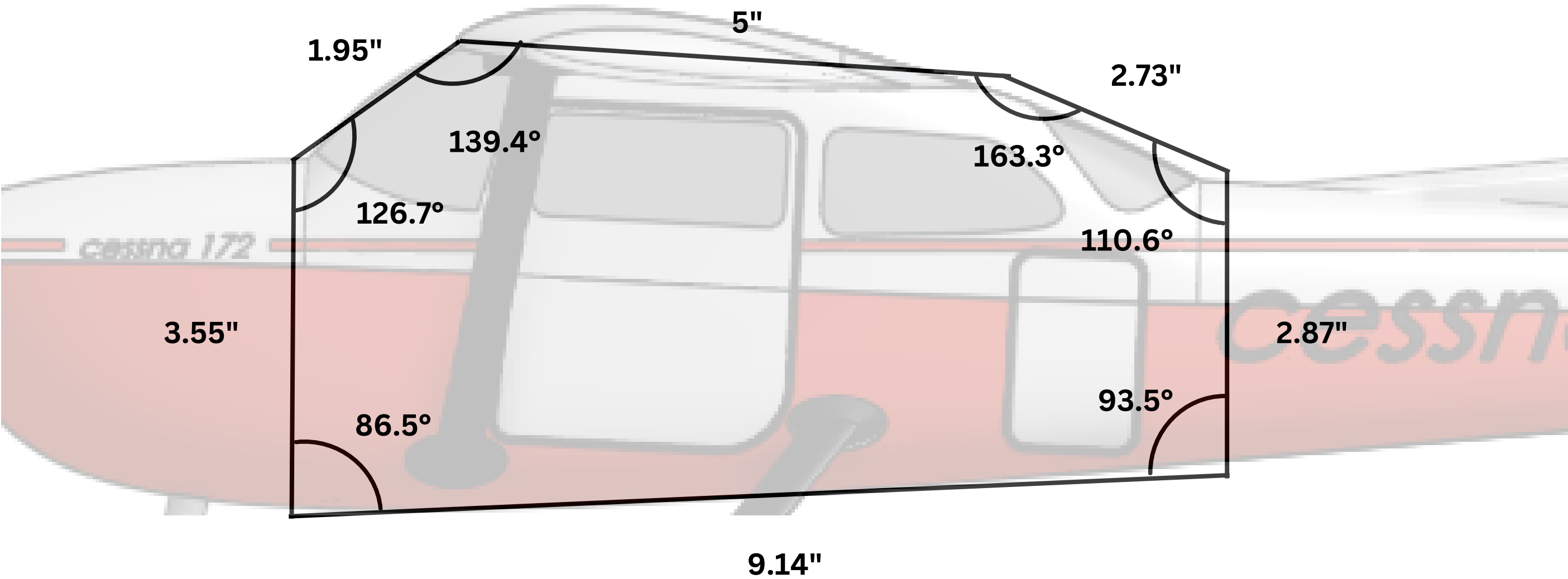
Fuselage Top



Fuselage Top Rear

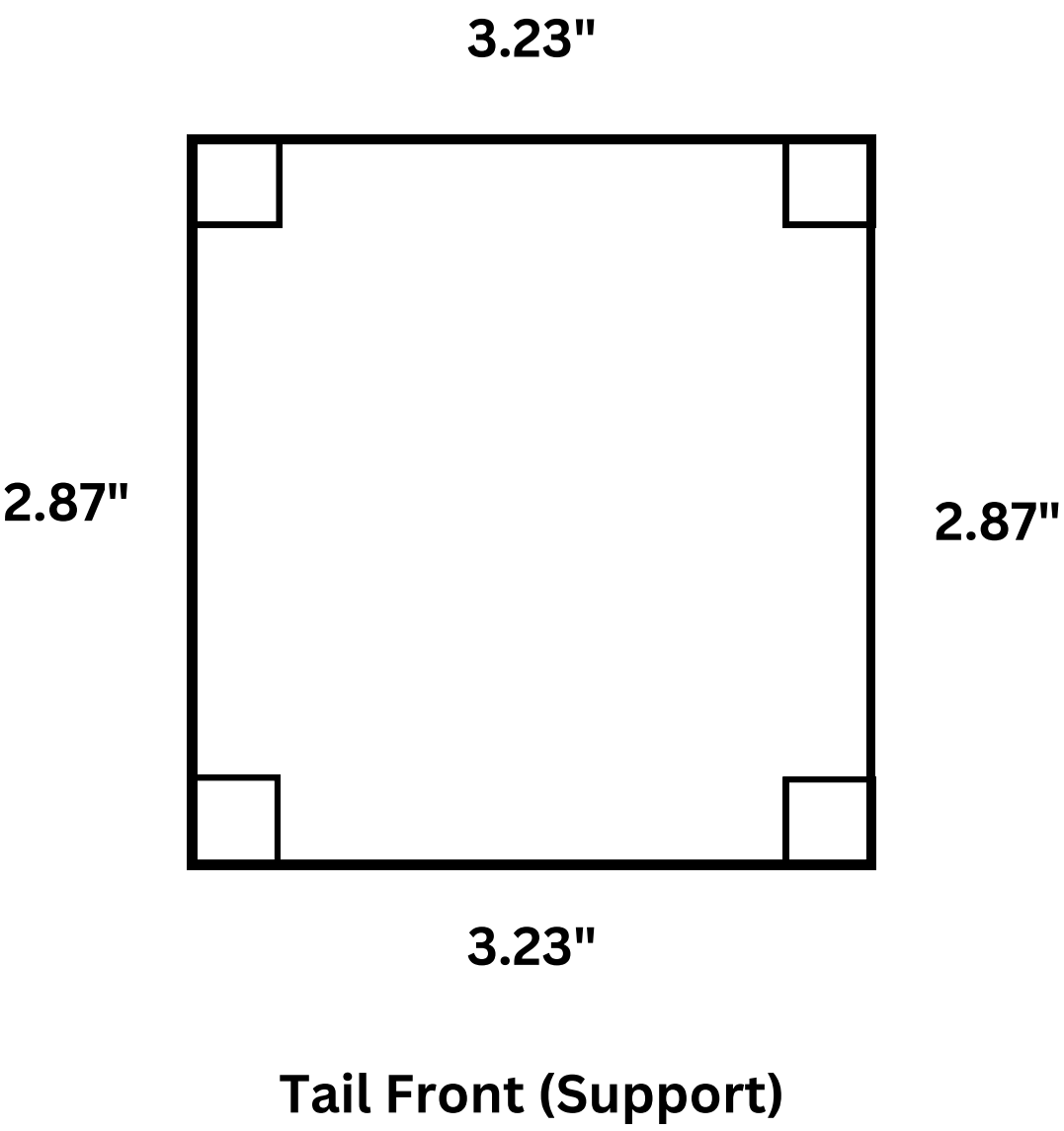
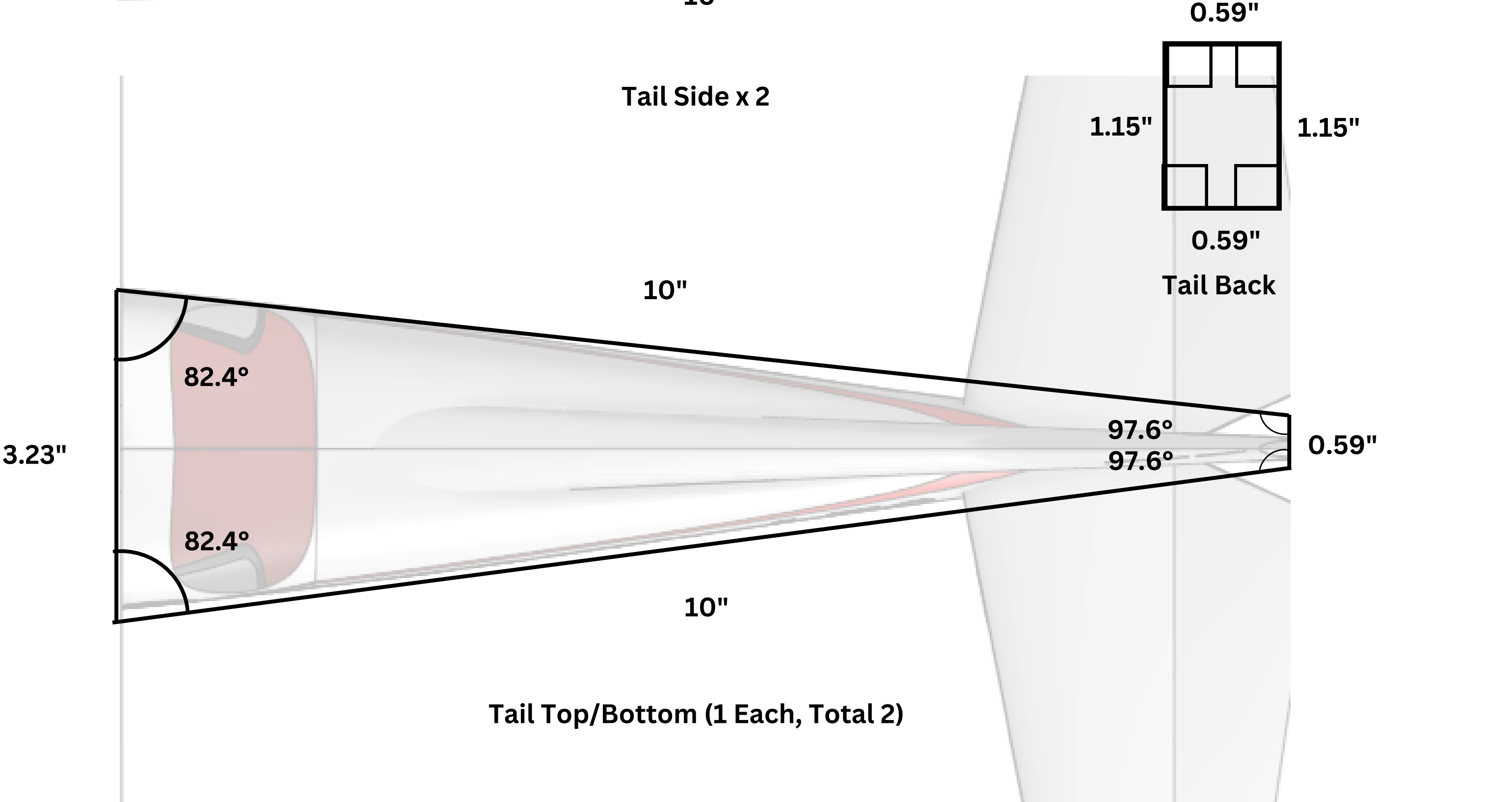
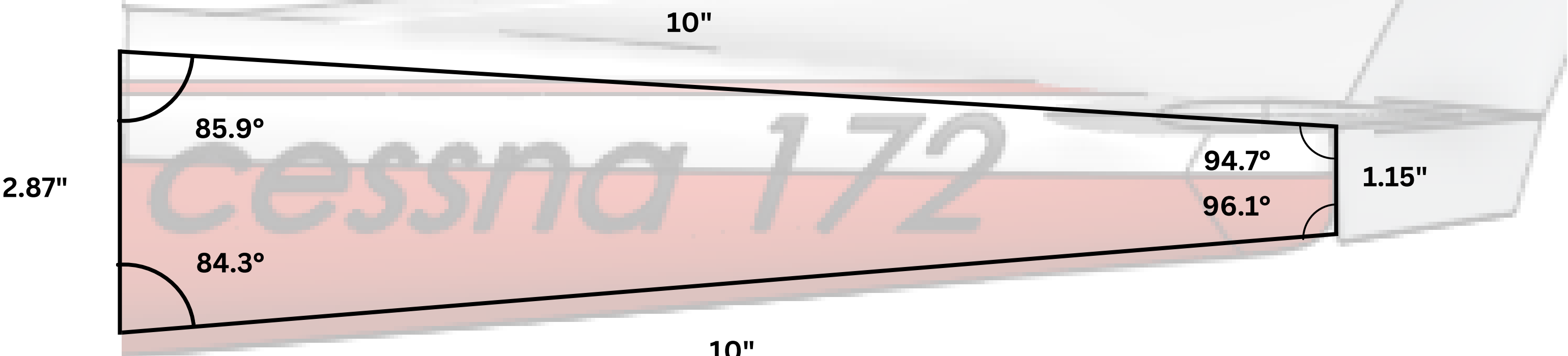


Fuselage Bottom

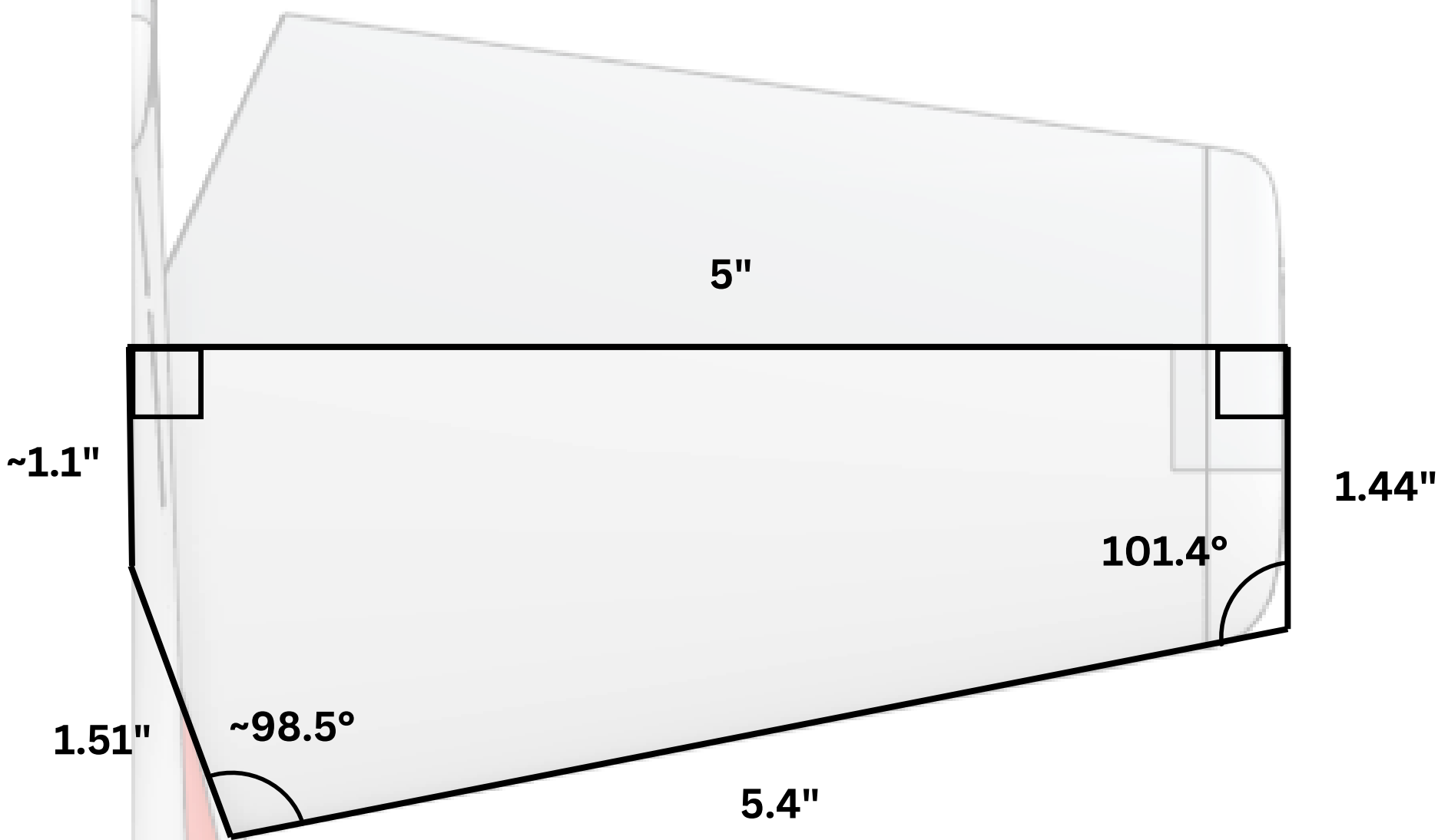
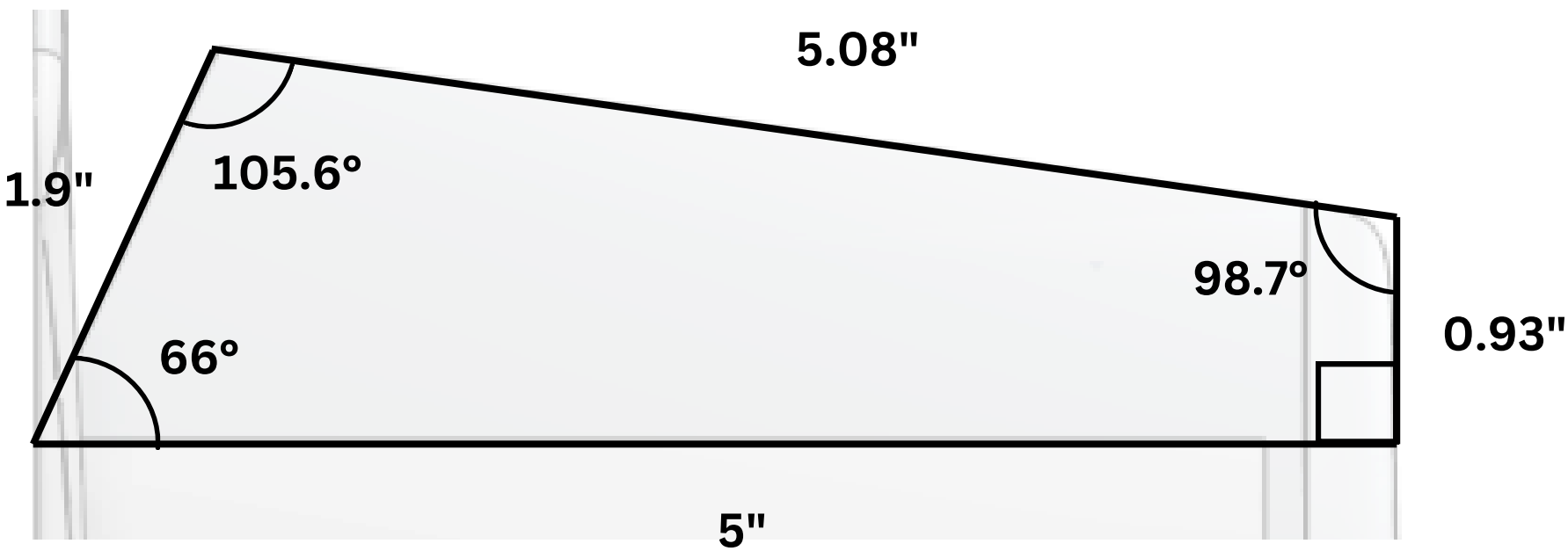
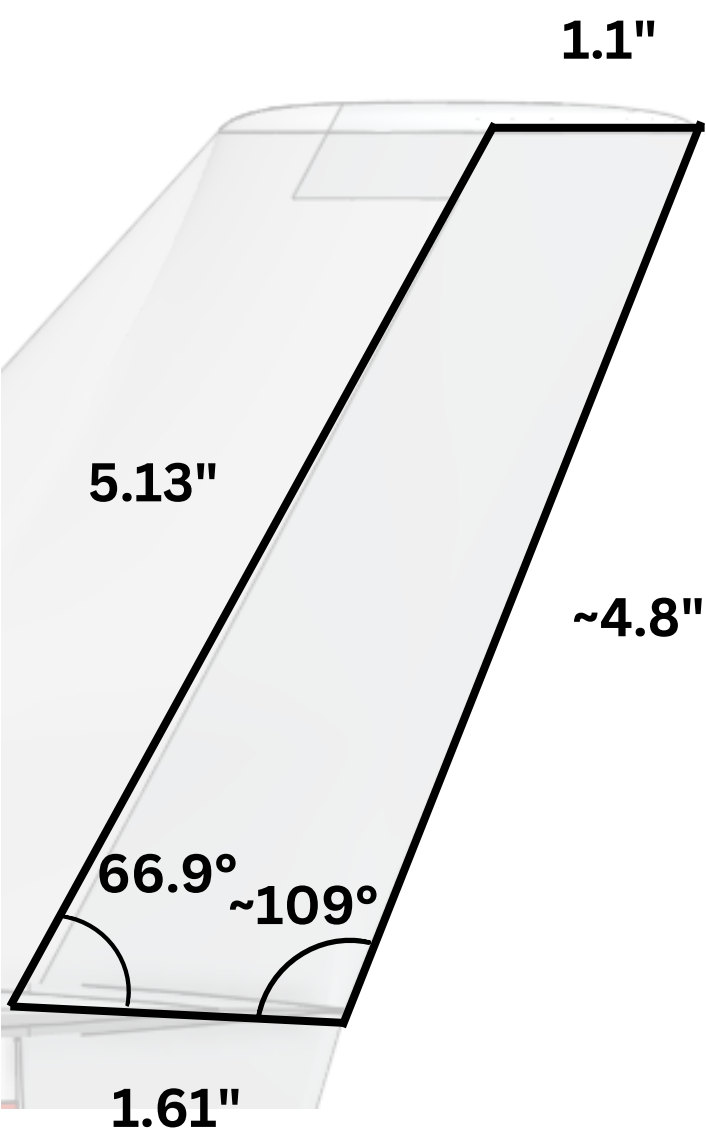
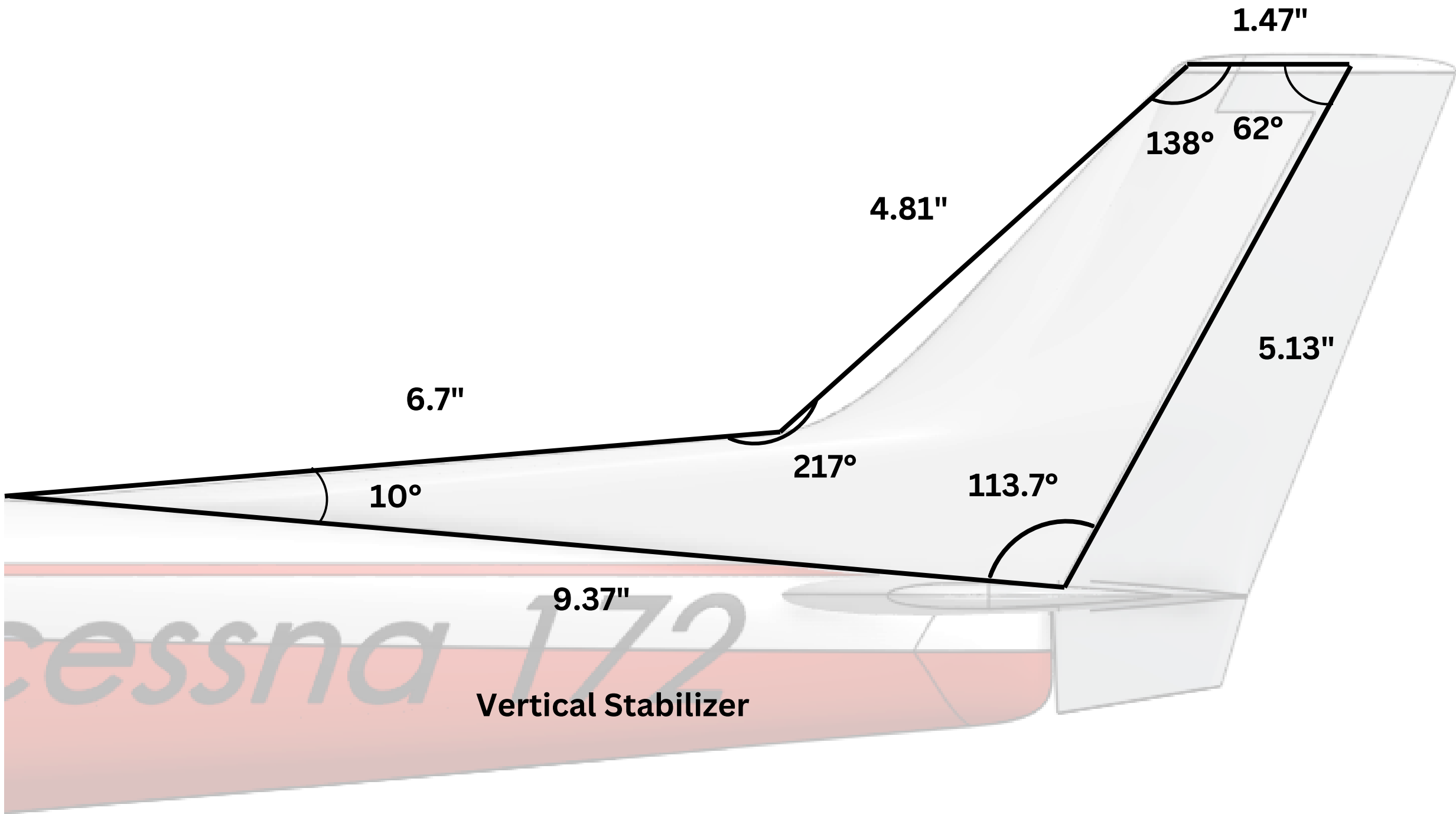


Fuselage Side x 2

# Tail Frame

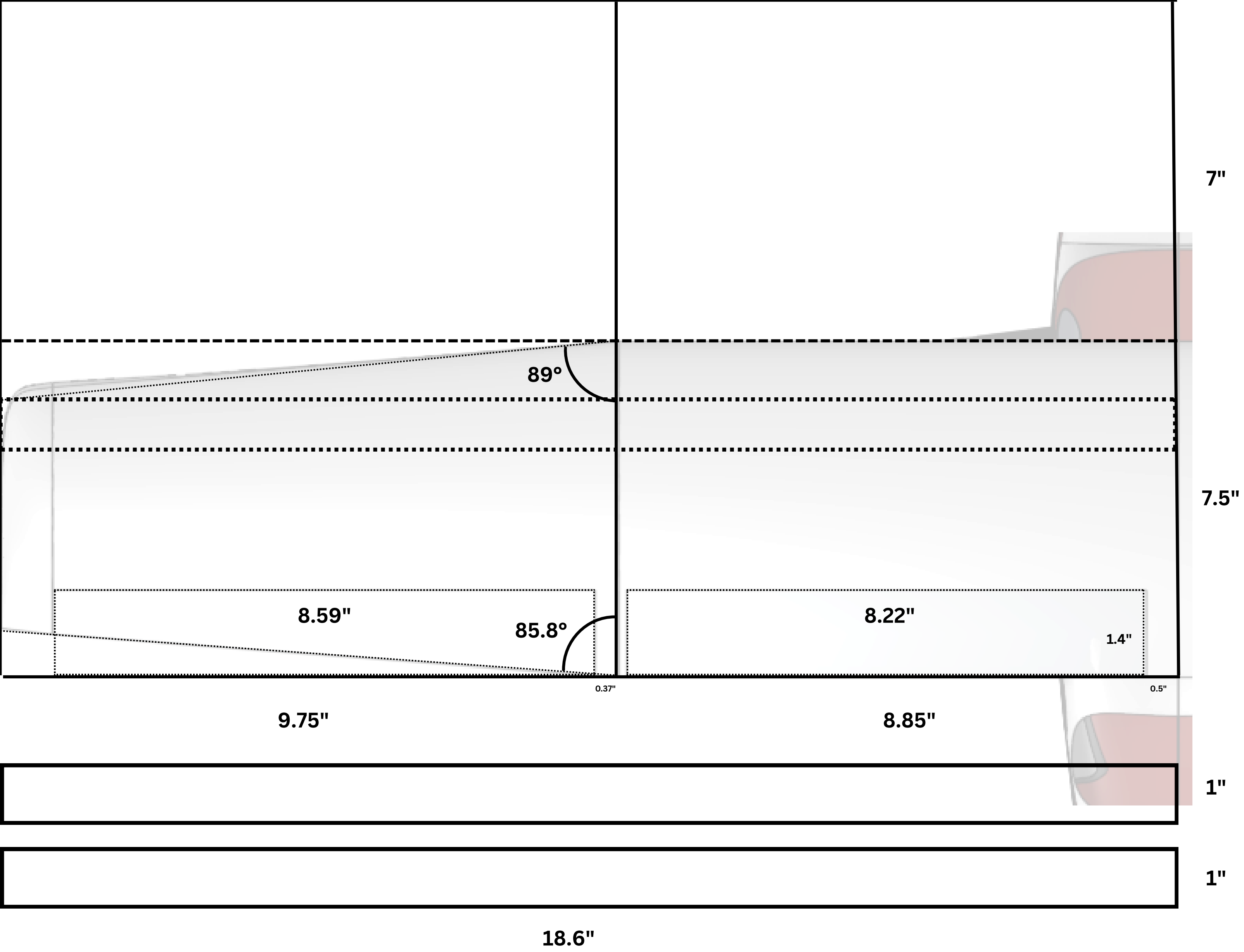


# Tail Controls



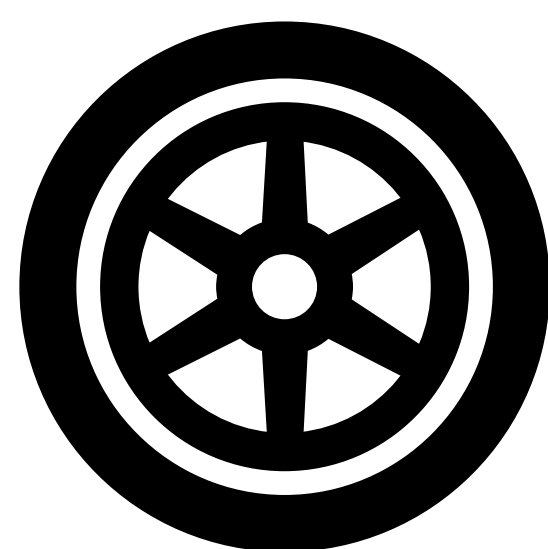
# Wing

*Watch Tim McKay : Build a Foam Wing in 10 Minutes!*



Wing Cutout

# Cosmetics



1"

Front/Back Wheel x 3



3"

Back Wheel Dowel x 2



0.53"

Front Wheel Dowel



~7.65"

Wing Support Dowel x 2