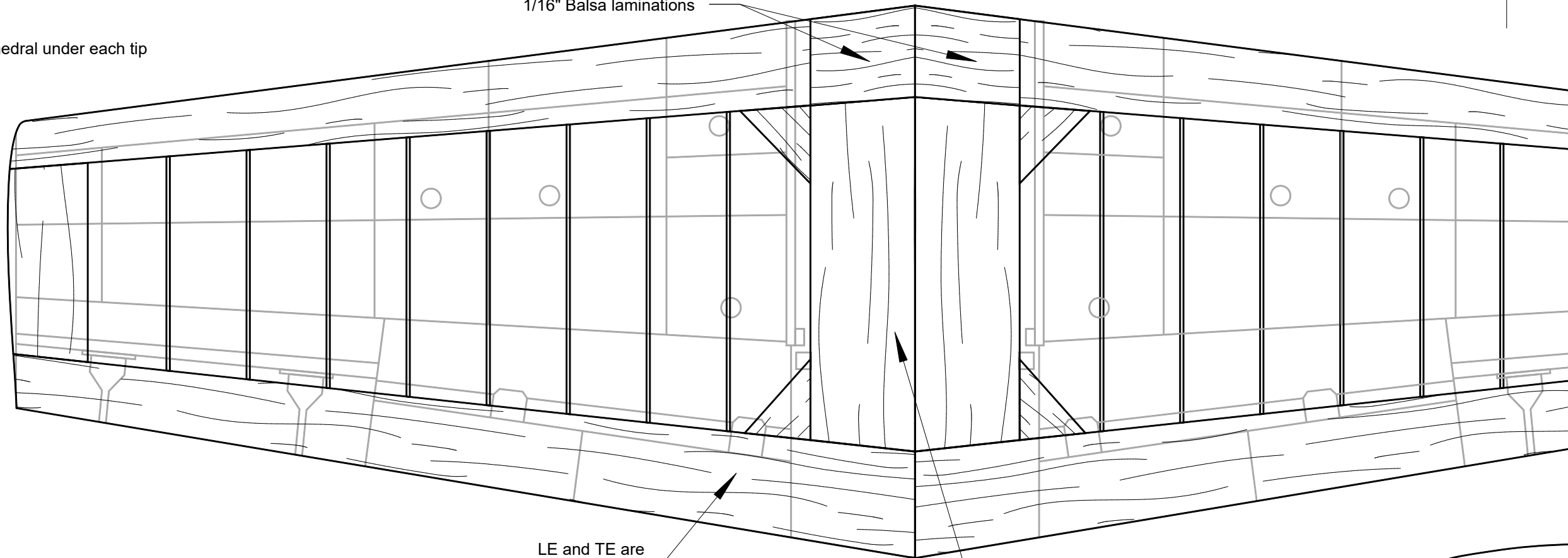
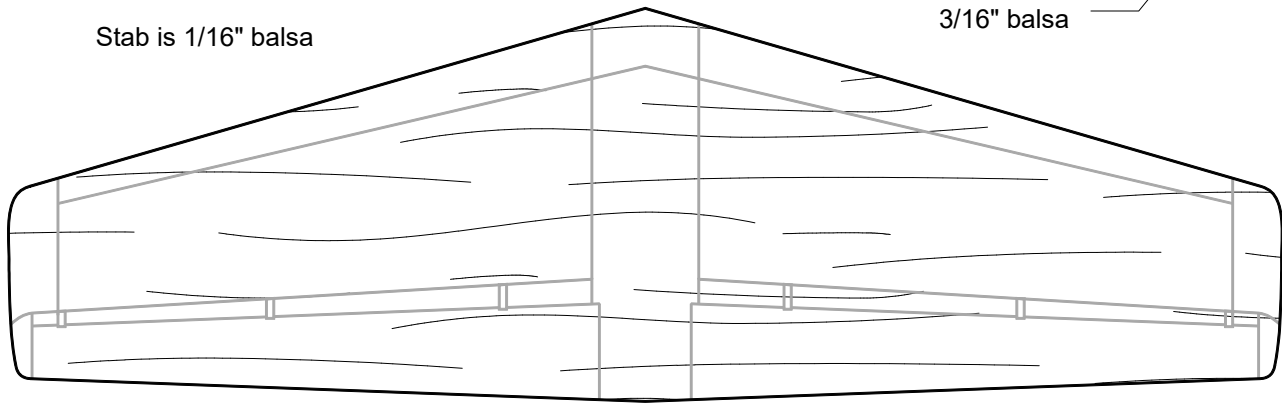


3/4" Dihedral under each tip

1/16" Balsa laminations

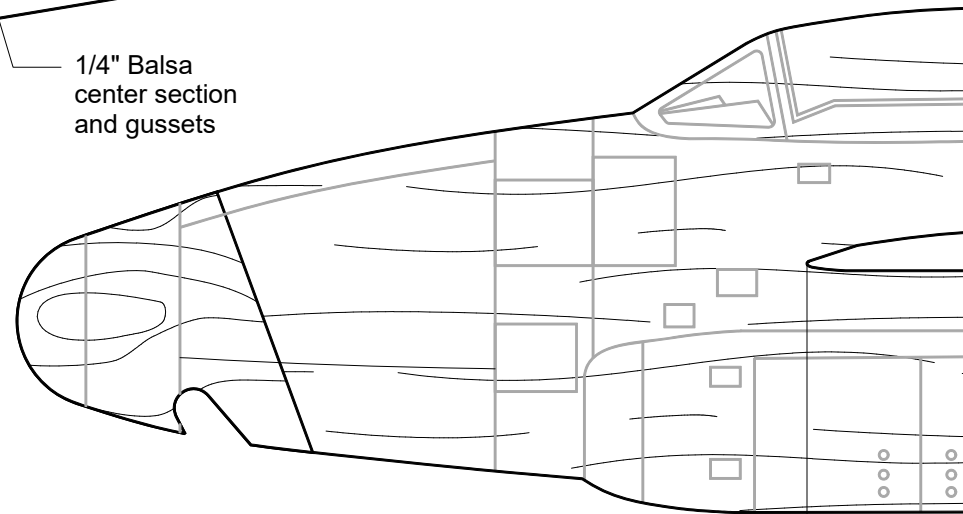


Stab is 1/16" balsa



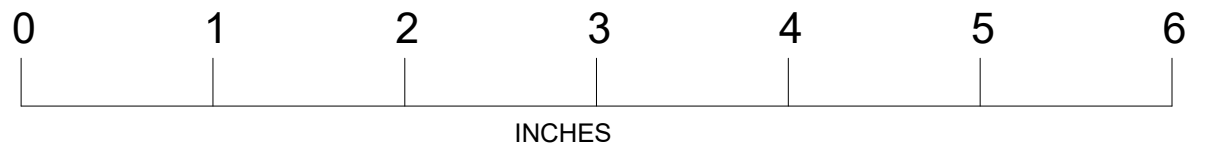
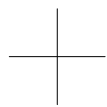
LE and TE are
3/16" balsa

1/4" Balsa
center section
and gussets

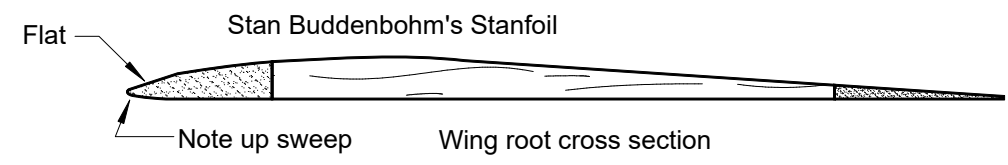
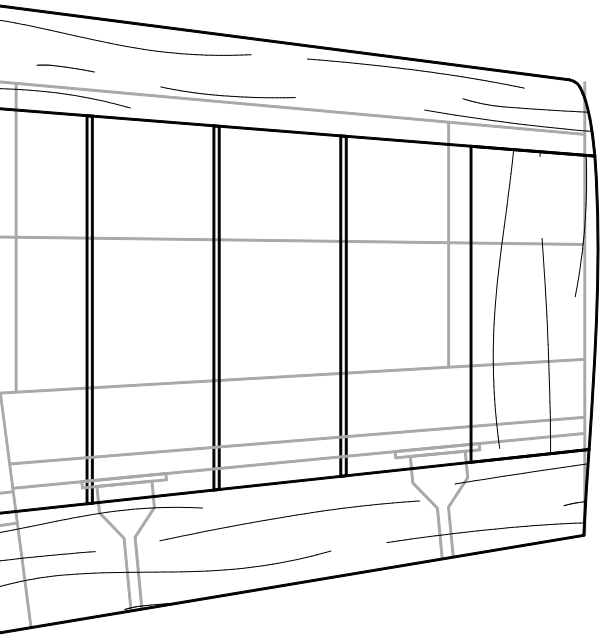


0 1 2 3 4 5 6

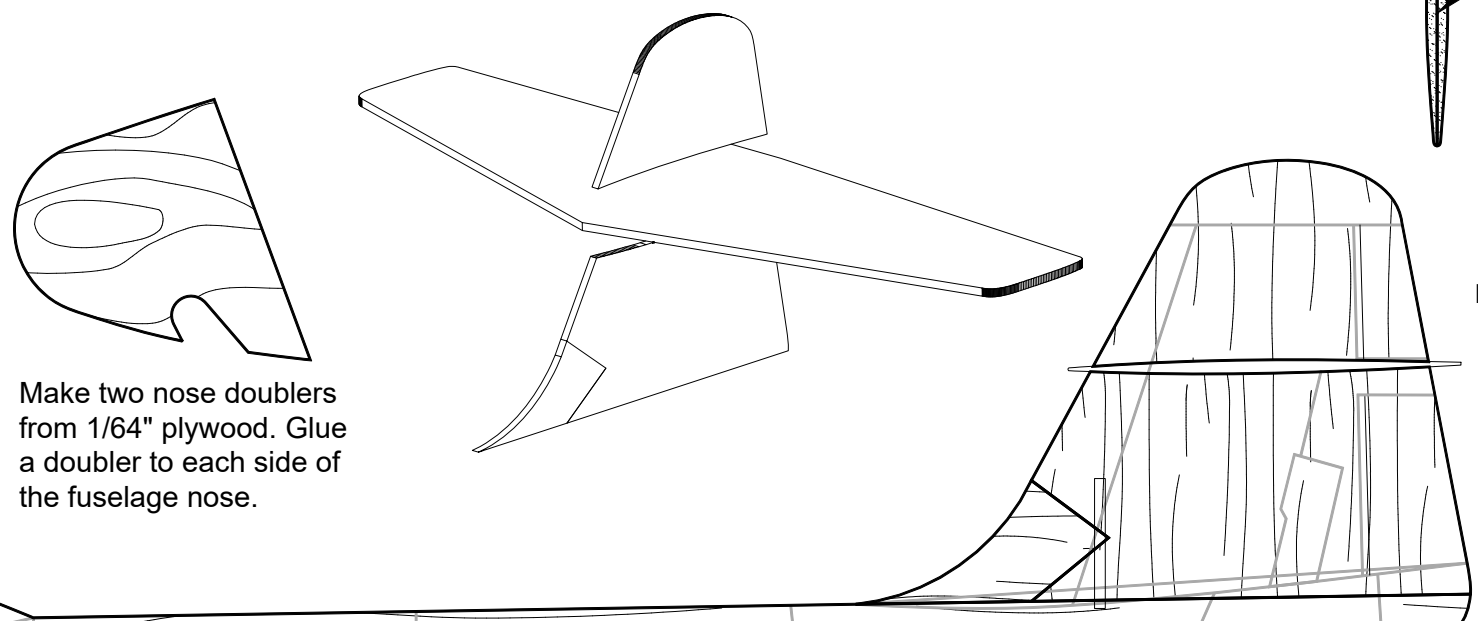
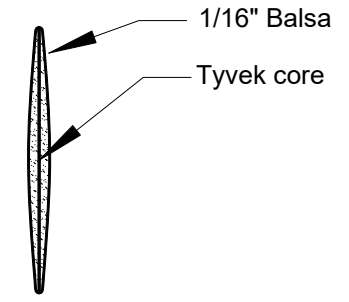
INCHES



Wing ribs are firm
1/32" balsa

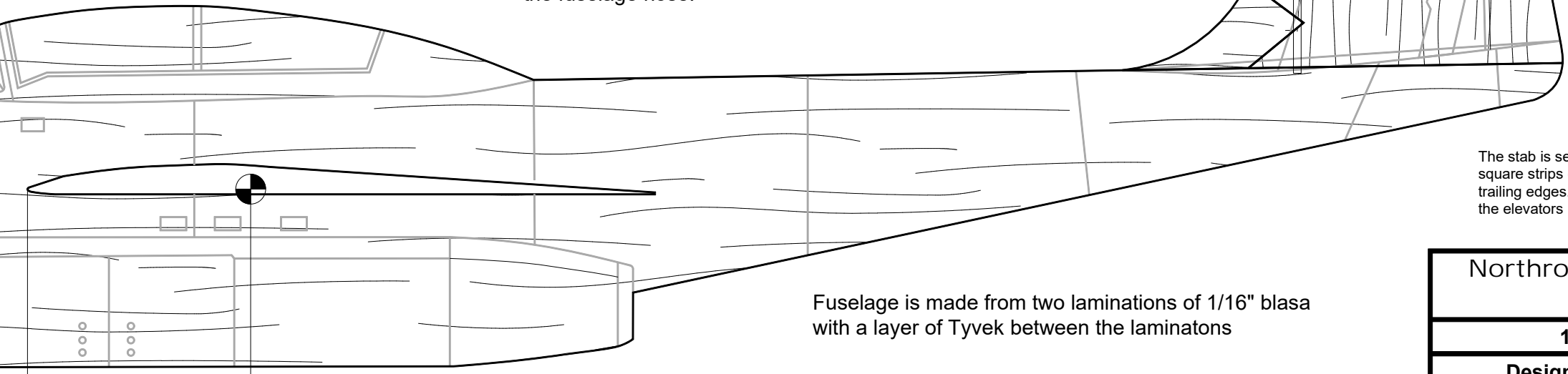


Typical fuselage cross section



Make two nose doublers
from 1/64" plywood. Glue
a doubler to each side of
the fuselage nose.

Fin is 1/16" balsa



Fuselage is made from two laminations of 1/16" balsa
with a layer of Tyvek between the laminations

The stab is set with some negative incidence. Glue 1/16" square strips (Gurney flaps) to the bottom of the elevator trailing edges. This controls looping during the launch. Adjust the elevators by bending to achieve a good glide.

Northrop XF-89 Scorpion Jet Cat
15" Wing Span
Designed by Paul Bradley
October 2018