

Add balsa "fill"
fwd + aft of spar
root & tip ribs only

Typical wing section
Cover top only
do not shrink or dope

$1/16 \times 1/8$

$1/16$ sq

Glue spar on
top of $1/16$ sq ribs

1" dihedral
each side

$1/16$ sq

Flap: $1/16$ sq

angled down according to side view
Build flap after assembling
wing to body. Body profile
provides correct downward
deflection.

Light
 $1/32$ sheet

Raise tip of
trailing edge $1/8$ "
during construc-
tion - both
sides

Add ballast
(clay) to nose
as needed

Body profile
light $1/16$ sheet

Balance

Flap

"RED FLYING WING"

DAVID ARONSTEIN - BUILT 2003

AFTER THE SWIFT CONCEPT OF
PROFESSOR ILAN KROO, STANFORD UNIV.
BUILT FOR INDOOR SLOPE SOARING