These instructions and the associated plan have been scanned from my original copy of the 1959 KeilKraft Handbook and Catalogue. As KeilKraft are now long since out of business, and the successor company Amerang appears to have gone the same way, there is no-one to ask permission of for reproduction! I have built several Flickas since 1959, and the model flown at the 2004 Croft Farm Air Scout camp is about 30 years old. I recommend making the fuselage from a single piece of wood, thus eliminating the potential weak point at the wing trailing edge. Instead of tracing, the shapes can be easily transferred from a photocopy or laser print by putting it face-down on the balsa wood and going over it with a hot iron. Do attach the lead nose-weight securely. The model will be much more long-lasting and less prone to warps if it is finished with a light coat of thinned clear dope, but will fly almost as well without if you cannot easily buy dope. Modern epoxy resin glues can be used instead of balsa cement. If you can't find a local model shop, you may have to buy the balsa wood by mail-order, and order enough to make several models to make the post & packing charges less of a penalty.

I hope you enjoy the Flicka as much as I have. If you have questions about building or flying it, I will try to respond to e-mails at <rowil@clara.net>, but can't promise all the answers. On my website <http://home.clara.net/rowil/aviation/> you can see what I'm building nowadays.

Happy Landings!
from
Rowland Carson
FLICKA 18" SPAN CONTEST CHUCK GLIDER

FULL SIZE PLAN

FUSELAGE BOOM ¼" x ½"

JOIN FIRMLY TO FUSELAGE NOSE

FUSELAGE NOSE ¼" SHEET

LEAD TO BALANCE MODEL

FIN ⅜" SHEET

TAILPLANE ⅜" SHEET

LEADING EDGE

THICK CEMENT SKIN OVER DIHEDRAL JOINTS

WING PANELS ⅜" SHEET

INNER PANEL HAS ⅜" DIHEDRAL

WITH INNER PANEL FLAT ON BOARD THIS TIP HAS ⅛" DIHEDRAL

MAKE 2 OF EACH

NOT AVAILABLE AS A KIT
FLICKA

18" span chuck glider

With inner panel flat on board, this tip has 1.5" dihedral

Wing panels 3/16" sheet
Make 2 of each, opposite hand

Outboard end of inner panel has 3/8" dihedral
(3/4" with opposite inner panel flat on board)

Balance model here

Fuselage 1/4" sheet (trace both parts onto one piece of balsa)

Lead to balance model

Fin 3/32" sheet
Grain direction

Fuselage 1/4" sheet

Wing position

Tailplane 3/32" sheet

Tailplane position

Fin position

Scale check: 100mm

Originally published in 1959 KeilKraft Handbook & Catalogue; credited to "DRP"