

36"

150-270mAh
NIMH FLAT BATT

BERG 4L RX

WING BOTTOM SECTION

1.25" BACK FROM LE

CG

CARBON FLAT SPAR (1mm x 5.7mm x 32") or 2.25" dia CARBON TUBE

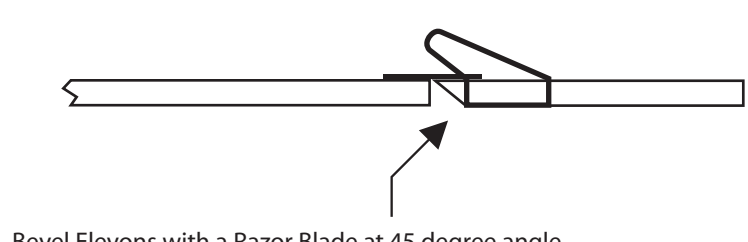
INSTRUCTIONS

- 1) Cut out top and bottom panels out of fan-fold-foam or depron 6mm with an exacto knife.
- 2) Glue leading edges of panels together with foam safe ca glue, gorilla glue, epoxy or goop.
- 3) Cut and insert a spar into the bottom panel 1.25" back from the leading edge. Tape carbon spar in place with a piece of tape on top and bottom of spar.
- 4) Glue 1/8" x 1/4" wide x 36" long wood strip under the top sheet of foam to create the "KF" airfoil.
- 5) Cut out and glue tail fin onto an 11" flat or tube spar. Tape spar to bottom of wing.
- 6) Form leading edge with a hot iron at 350-375 degrees. Push the iron down and "smash", don't try and drag it.
- 7) Bevel elevons at a 45 degree angle with a razor blade for hinge clearance.
- 8) Use BLEN DERM, packing, or vinyl tape to attach elevons to plane.
- 9) Foam safe CA glue the control horns into place.
- 10) Install electronics, trim, balance and test fly. Set throws to 10% on elevator and 30% for ailerons.

7"

2"

HINGE DETAIL



Bevel Elevons with a Razor Blade at 45 degree angle.

TOP "KF" AIRFOIL STEP

3"

6"



5"

8"

OPTIONAL STRIP OF FOAM TO COVER ELECTRONICS

1/8" THICK x 1/4" WIDE x 36" HARDWOOD or BALSA STRIP
GLUE STRIP BETWEEN SHEETS

PRESS JAGGED "LE" WITH A MONO-COAT IRON
SET AT AROUND 350-375 DEGREES

CARBON FLAT SPAR (1mm x 5.7mm x 11") or 2.25" dia CARBON TUBE
GLUE TAIL FIN TO SPAR WITH CA GLUE, GOOP or GORILLA GLUE
THEN TAPE OR GLUE TO UNDERSIDE OF WING

THE
revert
\$2 ACROBATIC SLOPER

MADE FROM FFF or DEPRON 6mm FLAT FOAM

- design by: TROY CHURCHILL
- maiden: 5/5/07
- revision: A1
- wingspan: 36"
- root chord: 7"
- elevons: 2" at widest
- weight AUW: 4.5-8oz
- balance: 1.25" from LE