

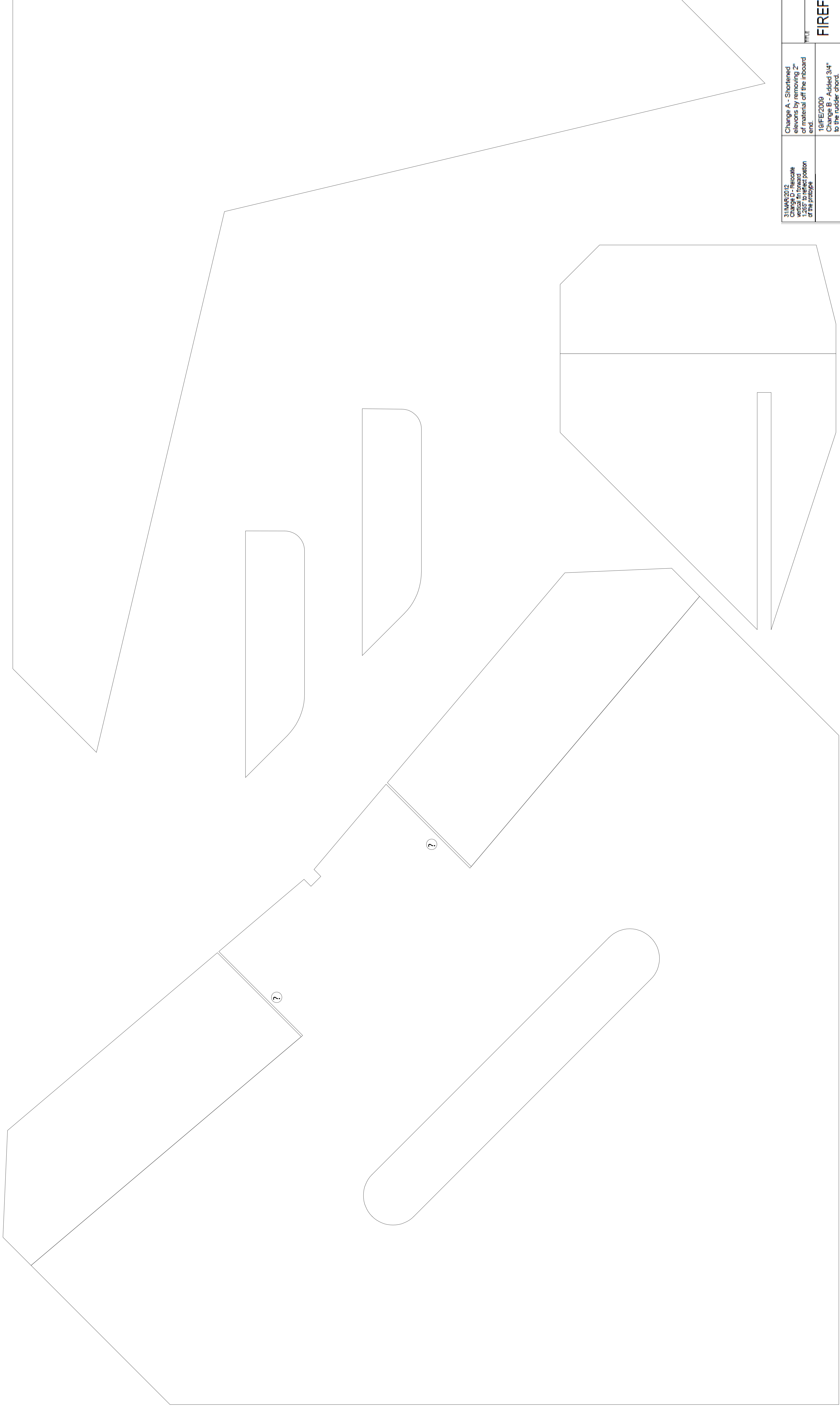
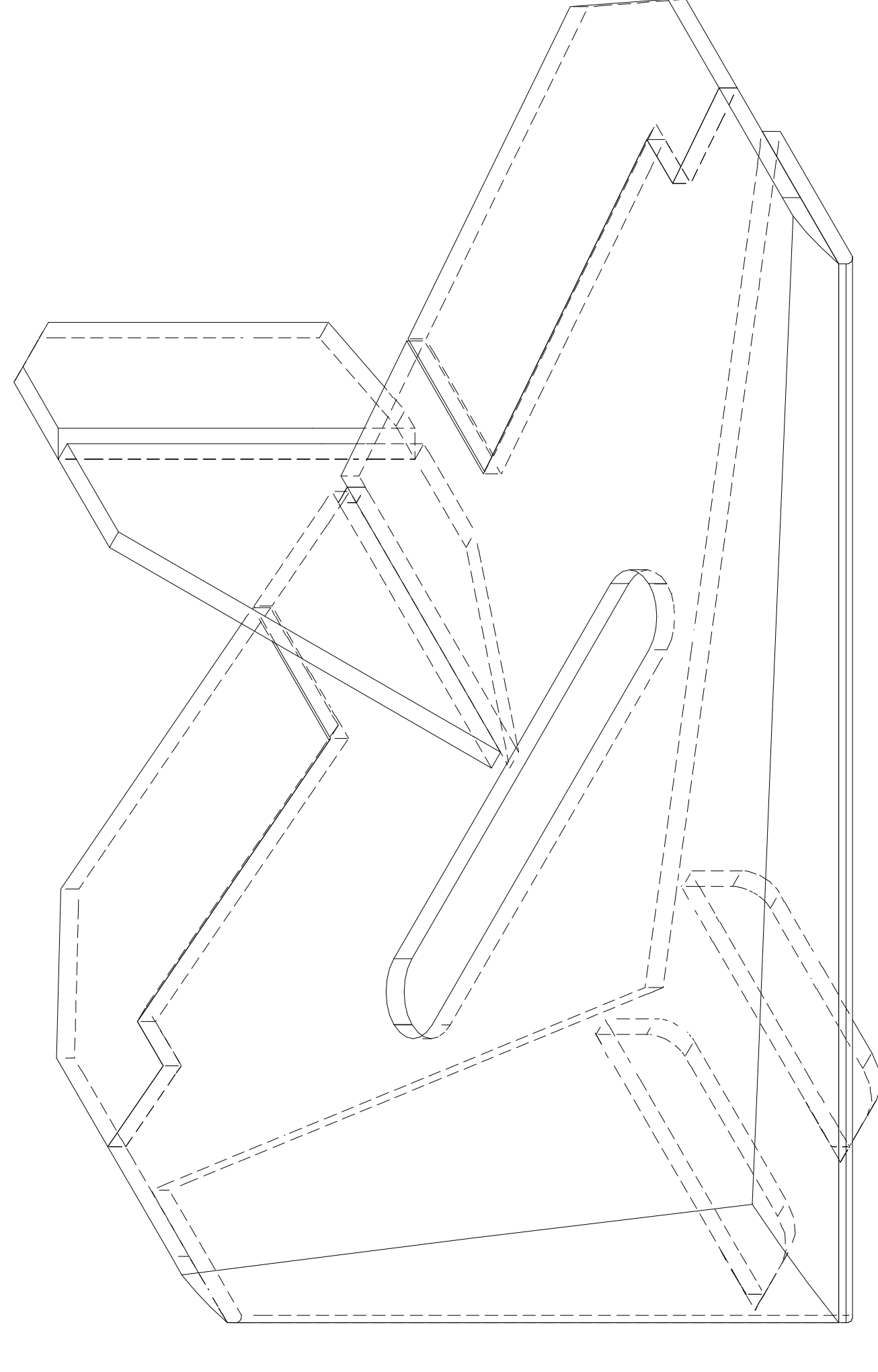
**Materials:**

For indoor, 9mm 1.3# EPP and a small battery.

For outdoor/windy only flying and more power, 1.9# density EPP is recommended, Welder's glue and Sumo glue

**Build order:**

- 1) Mark and cut out all pieces.
  - 2) Hinge the control surfaces.
  - 3) Laminate KF strip using Sumo glue; very thin layer.
  - 4) Sand leading edge to shape. Round off wing tip if desired.
  - 5) Install tail assembly using Welder's glue.
  - 6) Install servos and linkages and motor mount. Motor is mounted with no offset and should be in the middle of the prop slot.
  - 7) Install skids using Welder's glue.
  - 8) Install remaining electronics.
- Flight preparation:**
- 9) Check that the cg is 9.5" with battery installed.
  - 10) Elevons up 1/8" left and 1/4" right to start, trim as required.
  - 11) Elevon and rudder throws +-45 deg high rates and +-25 deg low rates.
  - 12) Create an awesome paint job. This epp plane should last a long time
  - 13) Have fun and be safe.



31-MAR-2012  
Change A - Shortened  
elevons by removing 2"  
of material off the inboard  
end.

20-FE-2009  
Change B - Added 3/4"  
to the rubber chord.

20-FE-2009  
Change C - Rivets  
added to prop slot.

WILE  
**FIREFLY Mk2 by Leadfeather**

31-MAR-2012  
WILE  
sheet 1 of 1

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