Lower Surface of Finished (and painted) Aileron should be Level to 1/2" [12.7mm] Trailing Edge up when Aileron is properly balanced.

Suspend Aileron with safety Wire wrapped around Hinge Pin 2 places (Make sure Aileron can freely pivot on Safety wire at Hinge Pin).

Drill Counterbalance as required to Balance Aileron.
Note: Drill end of Counterbalance closest to Hinge in order to remove the maximum amount of weight from the Counterbalance.
Note: Do not drill out too close to through bolts.
Note: If Aileron is going to be painted, it must be painted prior to balancing (avoid "Fancy" or heavy paint on any control surface).

Detail of Aileron Balancing
Scale: 1/4

Onex Aileron Balancing Procedure