

Caldera S

3/10/2009

CG from leading edge at wing root:

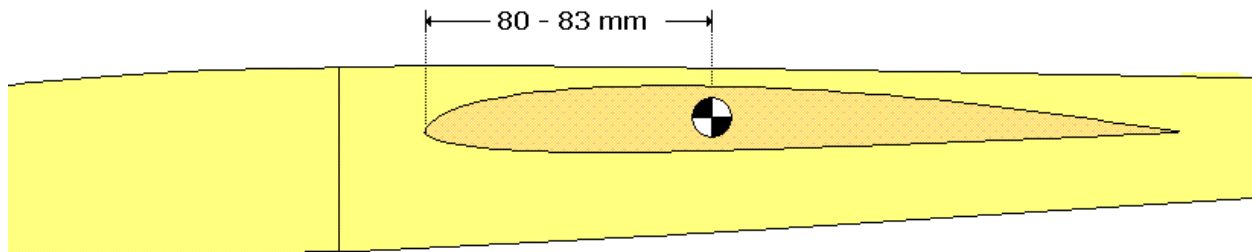
82mm

| Installations | normal | Slope | DS | Thermal | Speed | | | |
|-----------------------|-----------|-----------|-----------|-----------|-----------|--|--|--|
| Rudder Throws | - 6 + 7 | - 5 + 6 | - 3 + 4 | - 6 + 7 | - 3.5 + 4 | | | |
| Elevator Throws | - 3.5 + 4 | - 3.5 + 4 | - 3 + 3.5 | - 3.5 + 4 | - 3.5 + 4 | | | |
| Elevator Trimmings | 0 | + 0.3 | 0 | 0 | + 0.5 | | | |
| Aileron Throws | - 7 + 3 | - 6 + 4 | - 5 + 4 | - 7 + 3 | - 6 + 5 | | | |
| Aileron Trimmings | 0 | 0 | 0 | + 1 | - 0.5 | | | |
| Flap Trimmings | 0 | 0 | 0 | + 2 | - 1 | | | |
| Aileron -> Flap Mix | - 5 + 2 | - 4 + 3 | - 3 + 2 | - 5 + 2 | - 7 + 5 | | | |
| Aileron -> Rudder Mix | - 3 + 4 | - 1.5 + 2 | 0 | - 3 + 4 | 0 | | | |
| Snapflap Flaps | | - 2 + 3 | | | + 2 | | | |
| Snapflap Ailerons | | - 0.5 + 1 | | | + 1 | | | |
| Crowbreak Elevator | + 3.5 | | | | | | | |
| Crowbreak Aileron | - 4 | | | | | | | |
| Crowbreak Flaps | + 50 | | | | | | | |

All Values in mm
 pos. Value downward
 neg. Value upward
 Aileron values measured at tip
 Flap values measured at root
 Elevator values measured at tip
 Rudder values measured at tip
 Snapflap throws are measured from the surfaces position at neutral Elevator stick down (+) to fully pulled elevator or up (-) to fully pushed elevator

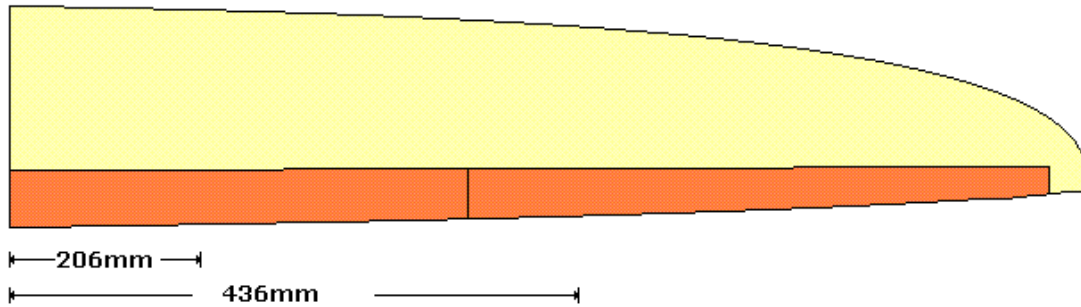
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CG position



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Hornpositions



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Flap and Aileronhorns



Glue Horn attached to the Carbonsock with proper glue (UHU endfest 300 or ARALDITE 2015). Additional kevlarrovings recommended.